WYG Environment
part of the WYG group

VINCI Construction UK Limited

Glan Usk School, Newport

Remediation Validation Report

Volume 1 of 2

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1.0 Introduction

1.1 Appointment

WYG Environment (WYG) was appointed by VINCI Construction UK Limited (VINCI) to act as 'Environmental Engineer' for the proposed redevelopment of land at Glebelands, Newport for use as a new primary school and housing (Planning Application Reference number 00/0768).

The schedule of services provided by WYG are detailed in an appointment document dated 11th March 2008, reference CAR_LIB1-#2204066-V1-WYG_Appointment (4) and included a staged contaminated land assessment. Remediation was required as part of a risk management strategy to be protective of site end users and the wider environment.

1.2 Remediation objectives

The remedial strategy, as documented within WYG Report 'Planning Support – Enhanced Ground Contamination Risk Assessment and Remediation Strategy' dated January 2006 (reference E3808/GO/PSS-RemStrat/Jan06/V2), was submitted to and approved by the planning statutory consultees, principally the Environment Agency Wales (EAW) and Newport City Council (NCC) Environmental Health and Public Protection department.

In summary, the strategy comprised four key elements as presented below:

- Removal of PCB drums and residual waste;
- Capping the site with buildings, hardstanding or imported materials in soft landscaped areas or gardens;
- Gas protection measures for all site buildings, and;
- The realignment of Lotery's reen within an impermeable, lined channel (See Section 2.5 with regards to development phasing).

In addition to the strategy, WYG detailed specific performance criteria for the remediation contractor to follow during the works which are detailed within WYG Report 'Performance Criteria for Remediation' dated January 2006 (reference E3808/GO/PerfCriteria/Jan06/V1).

1.3 Report scope

This verification report contains a record of the remediation works carried out at the site and is a requirement in accordance with reserve matter planning condition 7 - *On completion of the works of remediation the applicant shall provide a certification report, compiled by a suitably qualified engineer who has supervised the works, which confirms that the remediation works have been completed fully in accordance with the approved remediation strategy.*

The report has been compiled in accordance with guidance given in the Environment Agency's Contaminated Land Report (CLR) 11: Model procedures for the management of contaminated land.

The report is subject to the WYG report conditions contained in Appendix A. The information contained in this report is intended for the use of VINCI Construction UK Limited. WYG can take no responsibility for the use of this information by any third party or for uses other than that described in this report.

2.0 Site Details and Background Information

2.1 Site location and description

The site is located between a railway line and the eastern bank of the River Usk approximately 200 m south of the M4 motorway and 1km north of Newport city centre, (see Figure 1). The site occupies approximately 8.1 hectares, is roughly rectangular in shape and is centred at around National Grid Reference of 331750, 189550.

A drainage ditch (Lotery's Reen) transects the site east to west. Prior to the current development works, the land north of Lotery's Reen had recently been used for recreation and comprised an all-weather running track, clay surface sports pitch, clubhouse and changing rooms.

The area south of Lotery's Reen is currently disused land and comprises a generally level area of wild grasses and young trees.

The land to the north of Lotery's Reen is approximately 2m higher than the land to the south, at an approximate level of 9.0 to 9.0m AOD compared to levels of typically 7.0m to 7.5m AOD.

2.2 Summary of site history

The site is recorded as undeveloped, green fields until circa 1937, at which point tipping began over the northern part of the site. No records of the type or quantity of material tipped are known to exist, however anecdotal evidence suggests that it included material from a local chemical factory involved in the manufacture of polychlorinated biphenyls (PCBs). PCBs were commonly used as coolants and insulating fluids for transformers and capacitors and as plasticizers in paints and cements. PCB production was banned in the 1970s due to the high toxicity of most PCB congeners and mixtures.

It is believed that tipping was, in part, undertaken to raise the site above flood levels. The majority of the north of the site was filled prior to 1946, with the remaining land (the southernmost portion of the phase 1 area north of the reen) being filled between 1955 and 1966. A clothing factory was built in the southern (phase 2) area of the site circa 1955 and was demolished by 1994. The sports facilities and associated recreational facilities, located within the northern section of the site were constructed circa 1966 and were demolished sometime between 2006 and 2008.

2.3 Summary of previous investigations

The site has undergone a number of phases of ground investigation and subsequent assessment to determine the likely risk posed to human health and the wider environment. A complete list of previous site investigations and ground contamination assessment reports are included in Appendix C of this report and are summarised below.

Prior to 2003, three site investigations had been undertaken across the site, a number of heavy metals and hydrocarbons as well as asbestos were identified as contaminants of concern.

A Ground Conditions Desk Top Study, Ground Investigation and Tier 3 QRA were undertaken by WYG in 2003 to identify the risk posed by the site in terms of human health and the wider environment.

The results of this work identified the need for risk management at the site including: the installation of a cap in areas of soft landscaping to remove the pathway between contaminants in the Made Ground and site users to control the risk to human health. Neither the Made Ground nor the perched water within it was assessed as posing significant risk to the River Usk. It was therefore concluded that the contamination present on the site did not pose a significant risk to controlled waters. This assessment did not include PCBs due to the insufficient dataset available at that time.

A further WYG Site investigation was carried out in October 2004 to further assess the extent and nature of the PCB contamination across the site. The results of the investigation identified a number of areas which contained drummed PCB material.

Norwest Holst Soil Engineering Division undertook a further site investigation targeted specifically to the drummed PCB waste in March 2007 and confirmed through testing the typical nature of the drummed material to be either a thick red or thick brown grease.

Further potential pollutant linkages were identified and a risk management and remediation strategy for the site was developed by WYG and is discussed in more detail here in section 4.1.

2.4 Summary of ground and groundwater conditions

Typical ground conditions encountered during the previous site investigation are outlined below;

- Made Ground, over:
- Alluvial deposits, over:
- River terrace gravels, over:
- Lower Old Red Sandstone deposits.

The Made Ground identified across the site was heterogeneous and generally poorly compacted with main constituents of: ash, clinker, bricks and rubble, glass, metal, ceramic and plastic. A number of fragmented and corroded drums were also identified. The Made Ground ranged in thickness between 2.0m and 3.0m.

The alluvium typically consisted of dark brown and grey clay between 2.0m and 8.0m thick with occasional peat layers between 0.5m and 3.3m. River terrace deposits consisting of red brown clayey sand and sand and gravel between 0.5m and 1.5m were identified in a number of locations beneath the alluvium. Bedrock consisted of deposits from the Lower Old Red Sandstone of unproved thickness across the site.

Groundwater has been identified within deposits associated with the Lower Old Red Sandstone, localised perched lenses of water within the alluvium and a perched water body within the Made Ground.

2.5 Planned development and phasing

The permissible development is for a primary school on the northern part of the site and a residential development on the southern part of the site. It was originally envisaged that both would be undertaken simultaneously. However, it is now understood that the residential development is due to be completed as a separate, second phase of construction.

The agreement to phasing of the development, and consequently, an the phasing of the remediation works, is confirmed with NCC Planning Department as detailed within a letter from Mark Hand, Development Manager dated 18th November 2008 (reference MH/SAD/03/1531/05). A copy of this letter is included in Appendix B.

Phase II of the development will include the proposed re-alignment of Lotery's reen within a lined, impermeable channel and filling/capping of land to the south of Lotery's reen.

A detailed plan showing the Phase 1 development, new school and associated playing fields is presented as Figure 2.

3.0 Project Team

The key project team are outlined in the flow chart below with additional contributors shown in Table 1.

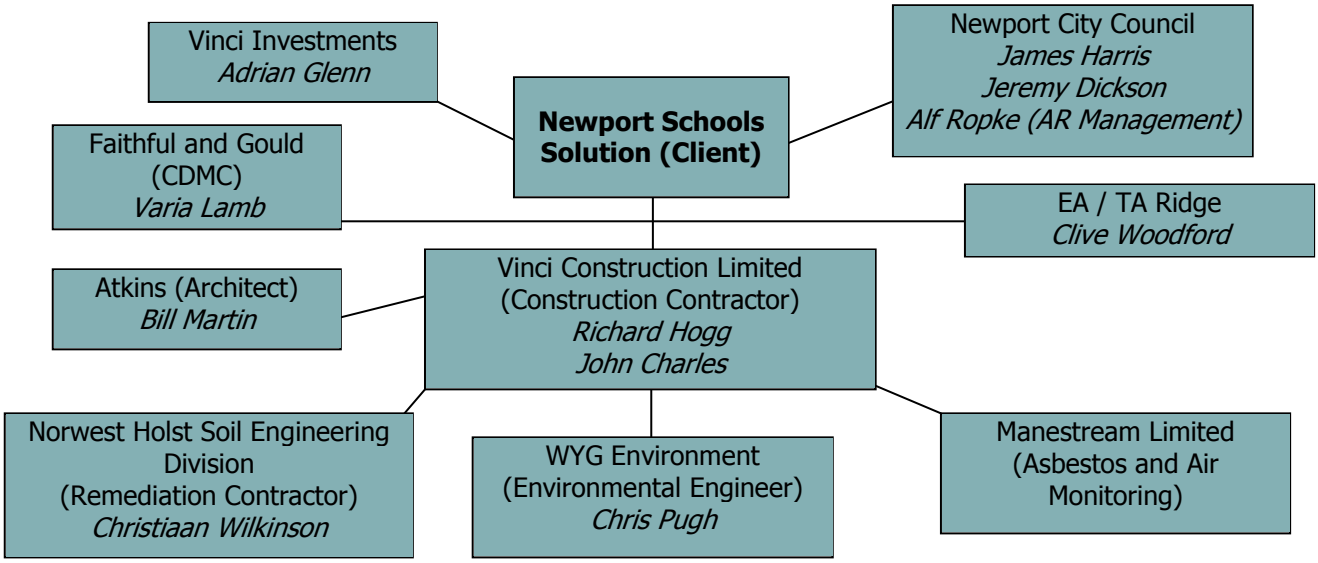


Table 1 – Project Team and Contact Names

Company	Role	Contact Names
Newport Schools Solutions	Main Client consisting of Vinci Investments and Newport City Council	
Vinci Construction (UK) Limited	Main Contractor for construction and remediation works.	Richard Hogg (Civils) John Charles (Building)
WYG Environment (WYGE)	Independent Validation Consultant providing validation services of remediation works.	Chris Pugh
Norwest Holst Soil Engineering Division (NHSED)	Remediation Contractor	Christiaan Wilkinson
LandClean Limited	Remediation Sub Contractor for PCB removal works	Nathan Eades Keith Rogers
Terradat (UK) Limited	Geophysical Consultants.	Simon Hughes
Manestream Limited	Environmental Consultants providing boundary air monitoring services.	
ECOS	Accredited Chemical Testing Laboratory	
ChemTest	Accredited Chemical Testing Laboratory	

4.0 Remediation Overview

4.1 Strategy

The remedial strategy was outlined in WYG Report 'Planning Support – Enhanced Ground Contamination Risk Assessment and Remediation Strategy' dated January 2006 (reference E3808/GO/PSS-RemStrat/Jan02/V2). This document has been formally supported by the key technical planning application consultees, namely the EAW and NCC Environmental Health and Pubic Protection Department.

Based on the findings of the ground investigations and subsequent detailed quantitative risk assessment (dQRA) a number of pollutant linkages were identified. The remediation strategy described risk management and remedial activities designed to break the pollutant linkages and control to a level acceptable to all parties, in the site specific development context, the associated risk to human health and the wider environment.

The risk management and remedial strategy consists of the following actions considered necessary to meet the requirements of the United Kingdom Contaminated Land Regime (UKCLR):

- Protection of human health through the removal or severance of significant pollutant linkage between identified contamination on the site and future site users.
- Protection of controlled waters through the removal or severance of significant pollutant linkage between identified contamination on the site and the River Usk.

Additional objectives of the remediation (not directly determined by dQRA, however equally important) included:

- Removal of identified drum waste to alleviate the local residents' perception of ground contamination risk.
- Removal of identified drum waste to positively influence the commercial current and future status of the site.

4.2 Summary of remediation works

In order to meet all aspects of the remedial strategy outlined above, the Phase 1 remedial work consisted of four key components as detailed below.

- *Removal of identified drummed PCB waste and associated residues* – excavation and off site disposal of the identified drummed PCB waste and associated contaminated soils to meet the remedial target values (RTV) accepted by the EAW for the site. RTVs were based on risk to controlled waters and calculated using the Environment Agency's Remedial Targets Methodology (RTM).

- *Groundwater Monitoring* – during ground intrusive works (in particular the PCB source removal and subsequent building piling operations) groundwater testing was undertaken to monitor potential effects on groundwater quality and assist in checking that pollutant pathways were not activated by the works on site.

- *Capping Layer* – construction of a clean capping layer built up from existing site levels to a minimum thickness of 600 mm across the areas of the site not capped by buildings or hardstanding namely soft landscaping and playing fields with a visible barrier at the base of the cap. This removes the linkage between the general Made Ground and the future site users.

- *Land gas protection system* – the WYG report titled 'Planning Support Land Gas Monitoring and Risk Assessment' dated January 2006 (reference E3808/JC/Landgas/PlanningSupport/Jan06/V3) outlined landgas risk control and management strategies to minimise the risk to buildings from potential ingress of landgases identified on site.

4.3 Timeline of works undertaken

A summary of the works undertaken and key dates is provided below:

Activity	Responsible Contractor	Key Dates
Installation of groundwater and land gas monitoring boreholes	NHSED	17th June – 20th June 2008
Excavation of drums and impacted soils	Land Clean	23rd June – 31st October 2008
Groundwater monitoring	NHSED	20th June 2008 – 12th March 2009
Surface water monitoring	NHSED	23rd June 2008 – 12th March 2009
Boundary air monitoring	Manestream	24th June – 28th October 2008
Disposal of material to either incinerator/landfill (including pre-treatment).	Land Clean	30th June 2008 – 9th April 2009 (not continuous)
Construction of Capping Layer	VINCI Construction	1st September 2008 – 5th November 2009

4.4 Summary of verification plan

WYG hold the duty of care responsibility for verifying the remedial works to monitor and check compliance with the EAW and NCC accepted remedial performance specification for each of the aspects outlined above. A summary of the verification process is presented below.

- *Removal of drummed PCB waste and residual soil*
    - Full time supervision by a WYG Engineer to ensure operations were carried out in accordance with the approved and agreed methodologies.
    - Supervision of the collection of soil samples for chemical compliance testing and assessment of data on completion of excavations and the classification of excavated material as suitable for reuse on site or requiring off site disposal.
- *Groundwater Monitoring*
    - Supervision by a WYG Engineer of groundwater monitoring and review of chemical analysis data.

- *Capping Layer*
    - Part time supervision during the construction of the capping layer and installation of visual barrier.
    - Supervision of the collection of capping layer samples for chemical compliance testing and assessment of chemical data.
    - Inspection and measurement of as built capping layers for the presence of the visual barrier and thickness of capping layer.

5.0 Groundwater monitoring

5.1 Programme

A previous dQRA undertaken on the site indicated that identified contaminants in the Made Ground and perched groundwater did not pose a significant risk to the groundwater or the River Usk. However, to check that the construction works did not have an adverse effect on key environmental receptors, groundwater monitoring was undertaken during the remediation and construction period to check for any changes in chemical quality.

The groundwater monitoring specification was prepared by WYG and agreed by the EAW prior to the start of the construction works. Ten groundwater monitoring boreholes were installed by NHSED along the western and southern boundaries of the site. The locations of the monitoring boreholes are shown in Figure 4 and borehole logs included within Appendix G. Eight of the boreholes were installed to monitor for potential changes occurring in the perched groundwater within the Made Ground (perched on top of the alluvium). Two additional boreholes were installed within the deeper aquifer within the St. Maughans sandstone deposits of the Lower Old Red Sandstone beneath the alluvium.

One monitoring round was undertaken prior to the commencement of the PCB remediation excavation works with subsequent monitoring rounds being undertaken at weekly intervals during the excavation of the drums and PCB contaminated soils. This process was continued whilst piles were installed as part of the foundations for the school building. A summary of the groundwater monitoring records is presented in Appendix J.

Table 2 – Summary of groundwater monitoring programme

Description	Summary
Pre-remediation works monitoring	1 round (23rd June)
Monitoring concurrent with remediation excavation works *Piling activity*	20 rounds (weekly 26th June and 31st October 2008) *15th September until 3rd of October 2008*
Post-remediation excavation works monitoring.	18 rounds (weekly 6th November 2008 and 12th of March 2009)
Post works (following completion of ground works and PCB removal)	1 round (16th of April 2009)

5.2 WYG Site attendance

WYG provided full time supervision during the installation of the monitoring boreholes and during all monitoring rounds whilst ground works and PCB removal were ongoing. All groundwater monitoring results were supplied to WYG by NHSED. The WYG site visit reports are included as Appendix E.

5.3 Methodology

All boreholes were purged prior to monitoring (minimum of five well volumes or dry) with the purged water collected in secure containers prior to of site disposal. To check the effectiveness of the purging, aquifer parameters were monitored after each well volume to ensure they had stabilised. Due to the discontinuous nature of the perched groundwater and associated low groundwater yields, some boreholes were shown to contain insufficient volumes of water to provide sufficient sample for every round of monitoring.

The groundwater samples were sent to EcoS and later Chemtest, both UKAS accredited laboratories, and analysed inline with the WYG Performance Criteria groundwater analytical suite presented in Appendix D. Note that two different laboratories were used because the ECOS laboratory was closed and the business sold during the remedial works; therefore, all analysis work was subsequently sent to ChemTest. The analytical results are presented in Appendix J. Water samples were packed securely in cool boxes with ice-packs and sent on the day of sampling to the laboratory.

5.4 Assessment of the laboratory results

A summary of the trends in groundwater monitoring results is presented for the perched water body and the groundwater of the minor aquifer (Lower Old Red Sandstone deposits). WYG understands that the samples taken on the 10th of July 2008 were lost in transit from the site to the laboratory.

5.4.1 Heavy Metals

The laboratory results include analysis of arsenic, cadmium, chromium, mercury, nickel and lead.

Perched Water

In general, the concentrations of heavy metals in the perched water body do not indicate any variation that can be attributed to the remediation or construction works however;

- Isolated increases in the levels of mercury and lead are identified but levels are shown to return to previously seen levels in subsequent monitoring rounds.
- Selenium shows a limited increase in variability over the monitoring period. However, the majority of the data fall below the drinking water standard for selenium (10µg/l) with the exception of two values of 13µg/l which were recorded as isolated occurrences in two separate wells. The variations in levels of selenium are therefore not considered to represent a significant change in water quality as a result of the construction works.
- Levels of chromium in the made ground show a minor increase during the period after the completion of the major excavation works and the piling activities. These changes are identified in all monitoring wells and are not specifically located in the region of major onsite activities. Monitoring data from groundwater samples indicate alkalinity values of >250mg/l $CaCO_3$ and as such, the corresponding EQS 1 screening value is 50µg/l; as such all levels identified in the monitoring data are below this value. The increase in chromium levels in the perched ground water are therefore not considered to represent a significant change to the groundwater conditions in response to the on site works.

Minor Aquifer

No variations in the monitoring results for boreholes installed within the minor aquifer in terms of heavy metals were identified.

5.4.2 BTEX

Perched Water

In the majority of groundwater samples, the BTEX compounds are shown to be at levels below the laboratory limit of detection. Where results show levels above the LOD, exceedances are shown to be only marginal. There are no identifiable trends in terms of the period of works.

Minor Aquifer

Levels of BTEX chemicals in the minor aquifer are generally similar to those identified in the perched waters and do not show any identifiable trends during the monitoring period.

5.4.3 TPH

Perched Water

There are only isolated occasions where levels of TPH are shown to be above the laboratory LOD. Where levels do exceed the LOD, the occurrences are isolated and short lived (maximum recorded value 0.52µg/l in BH604), with subsequent monitoring results returning to below the LOD.

Minor Aquifer

None of the groundwater samples obtained from the minor aquifer showed levels of TPH above the laboratory limit of detection during the monitoring period.

5.4.4 PAH

Perched Water

There are no obvious trends in levels of PAH in the perched water body during the monitoring period. Initial monitoring results indicate a degree of variability in levels of PAH specifically in boreholes BH602 and BH604 (range in values from <0.02µg/l to 4.25µg/l and from <0.02µg/l to 7.86µg/l respectively). These variations are generally short lived and isolated to individual monitoring rounds. Due to the change in laboratory and a resulting change in LOD from 0.02µg/l to 0.2µg/l, the majority of results are below the LOD for the latter half of the monitoring period.

Minor Aquifer

Similar variations are identified in the groundwater of the minor aquifer. With isolated elevated levels of PAH identified during monitoring rounds and followed by subsequent levels below or around the LOD. These elevated levels are not shown to occur after the completion of the major excavations on site and are not believed to represent a significant variation in groundwater conditions in response to the works on site.

5.4.5 PCBs

Perched Water

Levels of PCB congeners are typically shown to be below the laboratory LOD during the monitoring period. Levels above the LOD (maximum value 0.15ug/l recorded in BH607) are identified in boreholes BH606, BH607 and BH608 during the main excavation period of the remediation works. These boreholes represent the closest monitoring points to the main excavation and levels return to below LOD after the completion of these works. It is considered that these levels represent a temporary reduction in water quality linked to the excavation element of the remediation works and that levels will remain below the LOD now that excavations have been completed and the source material has been removed.

Minor Aquifer

None of the groundwater samples obtained from the minor aquifer showed levels of PCB congeners above the laboratory limit of detection during the monitoring period.

5.5 Summary

In total, 40 groundwater monitoring rounds were undertaken which represent conditions before remediation and construction works started on site, weekly monitoring during the main activities (remediation excavation and piling), post remediation excavation and post completion of works. There are no trends in groundwater quality either in the perched water body or the main aquifer which can be attributed to the activities on site with the exception of the identification of PCB congeners in the perched water body in the wells closest to the main excavation. After the completion of the excavation works the levels of PCB congeners are shown to return to levels below the laboratory LOD, as was shown prior to the start of works on site. It is therefore considered that the works on site have not had a long term impact on water quality in the perched water body or the minor aquifer.

6.0 PCB Drum and Residual Soil Removal

6.1 WYG Site attendance

WYG provided on site supervision as detailed below:

- Full time supervision during the excavation of drums and associated impacted soil undertaken by Land Clean. Full time supervision was provided from the 17th June to 31st October 2008.
- Full time supervision during the collection of soil validation samples by NHSED.
- Part time supervision during the transfer of drums and impacted material from site by VINCI (although the majority of this activity coincided with other aspects of site works and associated supervision).
- Part time supervision of the pre treatment of material prior to export to landfill site.

The NHSED excavation logs documenting the excavation works are included in Appendix G and the outline of the excavations on VINCI Drawing 189573/SK/062 in Appendix Q.

6.2 Methodology

The following methodology outlines the site procedures adopted in line with performance criteria and methods documented in:

- WYG 'Performance Criteria for Remediation' (Report reference E3808/GO/PerfCriteria/JAN06/V1) dated January 2006.
- Norwest Holst Construction Limited Method Statements for PCB Removal and Disposal and addendums (Method statement reference 189573-MS025).

A summary of the WYG Performance Criteria including the soil, groundwater testing requirements, relevant remedial targets and import criteria are presented in Appendix D and the Contractor's Method Statements in Appendix F respectively.

In order to contain the contaminated material, all operations took place within a 'dirty' zone demarked by a secure fence line. All operatives were required to enter and leave the area via a decontamination unit and to wear protective clothing (overalls, boots, hard hat gloves and goggles) at all times within the 'dirty' area. All plant used on site were required to remain in the 'dirty' area and required thorough cleaning before leaving.

In the identified locations, surface material was removed from the area and stockpiled on clean plastic prior to testing for chemical compliance criteria for PCBs and the suitability of it for reuse on site as backfill material. Drums and visually contaminated material were removed from the excavations and stored in a safe and controlled manner prior to transfer off site. Material directly adjacent to the visually contaminated material was excavated and stockpiled onto impermeable plastic membrane to prevent cross contamination and tested for chemical compliance in terms of PCBs and the suitability for reuse on site. A detailed account of the excavation process is provided in section 6.3.

Where material was being transported off site, the vehicles drew up to the boundary fence line and were loaded using plant designated to the 'dirty' area through a temporary gap in the fence line. The layout of the clean and dirty areas is shown in Figure 3.

6.3 Excavation

20 site investigation trial pit locations were identified within the remediation strategy requiring targeted excavation and validation at locations shown here in Figure 3.

The location of each excavation was surveyed and marked out by VINCI prior to the start of excavation works and an area surrounding the planned extent of the excavation was scanned using a CAT to assist in locating any services in the vicinity.

The total extent of the excavation works are shown on VINCI Drawing No. 189573/SK/062 included within Appendix Q.

Excavations were carried out using a 360° excavator using two buckets, one of which was solely designated for the excavation of visually contaminated material and drums. Surface material was removed from each excavation location from an area of a minimum extent 4m by 4m. The surface material was stockpiled on an impermeable membrane and clearly labelled.

When all visually contaminated material had been excavated, non-visually contaminated material surrounding the area of the drums was excavated and stockpiled on an impermeable plastic membrane prior to sampling and comparison with the PCB RTVs.

A total number of 778 drums were identified and removed from the site during the remedial works. Due to the high concentration of drums in some areas, nine of the original locations amalgamated into one large excavation. This happened in response to the agreed methodology of 'chasing out' drums until clean faces of the excavations could be located. A summary of all the excavations are shown in Table 3. NHSED logs and photographs of the excavations are included in Appendix G. The excavation and removal of drums and PCB impacted material was completed on the 31st of October 2008.

Table 3 – Summary of Excavations

Excavation ID	Started	Completed	Comment
TP912	24th June	24th June	1 no. small drum with red grease like substance identified and excavated.
TP911	26th June	26th June	No drums identified, predominantly rubble and construction waste.
TP655A	1st July	10th July	3 no. drums and PCB related material identified and removed.
TP915	10th October	10th October	No drums identified in previous Trail Pit log or during excavation. No visual evidence of contamination.
TP656A	24th October	24th October	No drums identified in previous Trail Pit log or during excavation. No visual evidence of contamination.
TP636	23rd October	27th October	20 no. drums and PCB related material identified and removed.
TP636C	9th October	9th October	Due to close proximity, excavated as one excavation. 8 no. drums identified and removed.
TP636D	9th October	9th October	
TP656	23rd October	31st October	29 no. drums and PCB related material identified and removed.
TP656B	9th October	10th October	Due to close proximity, excavated as one excavation. 15 no. drums identified and removed.
TP656C	9th October	10th October	
TP634	24th June	31st October	Excavated as one large excavation. 702 no. drums and PCB related material identified and removed.
TP902	24th June	31st October	
TP635A	1st July	31st October	
TP905	28th July	31st October	
TP908	21st July	31st October	
TP616	21st July	31st October	
TP913	4th August	31st October	
TP914	27th June	31st October	
TP910	9th September	31st October	

A total number of 778 drums were identified and 2,778.91 tonnes of contaminated soils were identified and removed from the site during the remedial works.

All excavations were undertaken within the outlined PCB remediation area with the exception of the area to the east of the TP616 (excavated as part of the large excavation). A further drum fragment was identified outside the original boundary and the excavation extended. No evidence of PCBs was identified and a validation sample (sample reference TP616 E2) confirmed the absence of PCBs in the vicinity of the drum fragment.

6.3.1 Dewatering of excavations

During the excavation works, oily perched water was encountered within the Made Ground perched on the underlying alluvium. Examples of this oily substance are shown by Plates 11 & 41. A water extraction and treatment system was commissioned to dewater the excavations. This represents a variation in works planned prior to the start of the excavations. It is believed that the higher than average levels of rainfall experienced during the excavation period was the source of the water.

A diesel diaphragm pump was used to remove water from the excavations which was passed through a water treatment system (Plates 45-46) before being discharged under license from Dŵr Cymru Welsh Water to the foul sewer system. The rate of discharge was limited to between 20 and 30m^3 per day to comply with the licence requirements and also to control the passage of water through the treatment system. The treatment system consisted of primary and secondary settlement tanks with water then being passed through an oil-water separator, a sand filter and then two granular activated carbon chambers before being discharged into the foul water system. Weekly samples of the treated water were sent to the laboratory to check the system was performing and treating the water to comply with the discharge licence. Copies of the analysis is included in Appendix J (samples WT01 – WT08) A copy of the Land Clean Method Statement, system layout drawing and associated Dŵr Cymru Welsh Water Discharge License and a WYG spreadsheet detailing the volume of water discharged is included in Appendix F.

6.3.2 Nature of PCB products identified

During the excavation process, two main types of PCB products were identified within the drums being removed and are described below.

- A brittle dark red brown/black glass/ceramic material – fractured unevenly on impact and on exposure over time to strong sunlight would become viscous and was observed to flow under gravity. This product is shown in Plates 24-26.

- A thick red-brown grease-like substance with a varying viscosity from highly viscous to a thick but free flowing fluid. The grease like material was generally encountered within or surrounding damaged/corroded drums. The fluid type product was less dense than water, light non-aqueous phase liquid (LNAPL), and as such would float on the surface of the perched water in the excavations. Plates 18, 21 and 22 show examples of this product.

The vast majority of the drums were shown to contain the red brown grease-like substance. All the types of PCB product were confirmed by testing to contain high concentrations of PCB congeners through direct sampling of the product, soil matrix samples (samples references TP655A S03, TP902 S03 and S04), and perched water samples from excavations (sample references TP655A, TP601, TP602, TP603, TP604, TP604A, TP606A, TP606A, TP607 and TP608). The water samples were also used to inform the design of the water treatment system and were submitted in support of the application for the discharge license.

6.4 Validation of excavations

6.4.1 Sampling Procedure

Once all visually contaminated material was removed, validation samples were taken from each face and base of excavations. Where individual faces of excavations exceeded 15m^2, additional samples were taken to maintain an equitable sampling frequency.

Samples were taken by NHSED under WYG observation and supervision with material removed from the faces by the excavator using a designated clean bucket to avoid cross contamination or, in the case of the larger excavations where safe entry to the excavation was possible, by hand trowel. The samples were labelled using a standard system as summarised below. A full sample prefix identification list is provided in Appendix H and sample locations identified in Figure 5.

- Face A – northern face.
- Face B – eastern face.
- Face C – southern face.

- Face D – western face.
- Face E – base of excavation.

In the case of larger excavations, where multiple samples were obtained these were identified as A1, A2 and so on. Each sample was obtained such that it formed a composite sample of the face being validated.

Material stockpiled on site after excavation was also sampled at a minimum frequency of one sample per 500m^3 or less. These stockpiles were identified by the originating trail pit location and a stockpile reference (for example TP914 S01).

6.4.2 Chemical analysis

Soil validation samples were sent to UKAS and MCERTS accredited laboratories (ECOS Laboratory and later ChemTest) and analysed for the presence of 7 common congeners of PCBs. The ECOS laboratory was closed and the business sold during the remedial works and all analysis work was subsequently sent to ChemTest. The Remediation Target Values (RTV) for these 7 PCB congeners are presented in WYG Performance Criteria for Remediation report in Appendix C, and are reproduced below. The samples were packed securely in cool-boxes and sent by courier to the laboratory on the day of sampling. The samples were sent with an associated chain of custody sheet from the NHSED Site Engineer and then on receipt of the laboratory confirmation sheet scheduled by the NHSED Project Manager. The laboratory results are presented in Appendix I.

Table 4 – Soil PCB Remediation Target Values

PCB Congener	RTV (mg/kg)
PCB 28	10.4
PCB 52	4.25
PCB 101	9.2
PCB 118	29.4
PCB 138	4.94
PCB 153	7.13
PCB 180	2.57

Occasionally the laboratory reported the abbreviated PCB congeners as their full chemical names, these and the relevant Chemical Abstracts Service (CAS) number are reproduced in Table 5.

Table 5 – PCB abbreviation and chemical names

Abbreviated PCB Congener	Chemical name	CAS No.
PCB 28	2,4,4'-Trichlorobiphenyl	7012375
PCB 52	2,2',5,5'-Tetrachlorobiphenyl	35693993
PCB 101	2,2',4,5,5'-Pentachlorobiphenyl	37680732
PCB 118	2,3,4,4',5-Pentachlorobiphenyl	31508006
PCB 138	2,2',3,4,4',5-Hexachlorobiphenyl	35065282
PCB 153	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271
PCB 180	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293

6.4.3 Results

233 soil validation samples were sent to the laboratory. After the receipt of the laboratory results the concentrations of PCBs in the samples were compared to the RTVs to identify any exceedances. The following methodology was then applied.

- For excavations where samples from the faces / base indicated levels of PCB congeners below RTVs it was agreed with the contractor these could be backfilled with suitable soils.
- For excavations where samples from the faces / base indicated levels of PCB congeners exceeded the RTVs further excavation was deemed necessary.
- Stockpiled material where samples indicated the concentration of PCB congeners were below RTVs was deemed suitable for reuse on site.
- Stockpiled material where samples indicated the concentration of PCB congeners exceeded the RTVs was deemed unsuitable for reuse on site and transfer off site was required.

In the case of faces requiring further excavation a 1m wide strip was removed from the face following the methodology and the face re-sampled for testing and comparison with RTVs. This process was continued until all faces of the excavations were deemed to represent concentrations of PCB congeners below the RTVs for the site.

Stockpiles of material identified as containing concentrations of PCB congeners above the RTVs, were pre-treated by visually and physically sub-subdividing the excavated material and re-tested.

A summary of all validation samples is presented in Appendix I outlining the number of samples taken and the outcome of the validation process. Table 6 outlines the number of samples with levels of PCB congeners above RTVs.

Table 6 – Summary of Validation Samples

	Face / Base of Excavation	Stockpiled Material
Number of samples taken	106	127
Number of samples with PCB congeners above RTVs.	7	44

6.5 Off site disposal of contaminated soils

Material was taken from the site to two different incinerator sites depending on capability to receive the material and also one non hazardous landfill site. On the identification of drums or visually contaminated material the works were temporarily stopped and excavation recommenced with the designated 'dirty' bucket. The storage method for the excavated drums and impacted materials varied between using tonne bags and steel barrels (Plates 35-40). This change was largely due to the differing material acceptance requirements of the two incinerator sites. The Grundon plant required the material to be sent in tonne bags and the Veoila plant insisting on the material being packaged within steel drums. The two methodologies are described below.

The drum and impacted soil material sent to the Grundon incinerator in Slough was loaded directly at the excavation face into tonne bags, labelled and stored on an impermeable plastic membrane within the dirty area prior to the transfer from site.

The Veolia incinerator plant would only accept the contaminated material within steel drums and as such, contaminated material was subsequently loaded into 200 litre steel barrels with secure lids. The steel barrels were UN approved for dangerous goods transport. To pre-treat and enable the disposal of the excavated drums, they were placed in a 16 yard skip which was placed on an impermeable membrane in a bunded area within the dirty remediation area. The excavated drums were crushed by an on site excavator and then placed into the steel barrels along with the impacted soils. The loading of the material into the barrels was aided by a scaffold chute constructed within the dirty area and is shown in Plate 35.

The material sent to landfill was physically sorted and stockpiled on site prior to being loaded into covered 8 wheel 20 tonne haulage wagons.

Drums and visually contaminated material or material which was confirmed through testing to have concentrations of PCB congeners in exceedance of the RTVs were removed from site. The material was transported to one of two different incinerator plants and one licensed non-hazardous waste landfill facility as outlined below:

- Grundons (Waste) Ltd., Hazardous Waste Incinerator, Lakeside Road, Colnbrook, Slough, SL3 0EG. Material sent here between the 30th June and 27th August 2008.
- Veoila (UK) Ltd., Incineration Plant, Bridges Road, Ellesmere Port, South Wirral, Cheshire, CH65 4EQ. Material sent here between the 8th of August and 14th of October 2008.
- Cory Environmental Ltd., Shortwood Landfill Site, Cattybrook Lane, Shortwood, Bristol, BS16 9NN. Material sent here between the 7th of January and 11th of March 2009.

Table 7 shows the tonnages of material disposed of at each facility as well as details regarding containers and haulage requirements.

Table 7 – Off site disposal facilitates

Disposal Facility	Container and Haulage Requirements	Tonnage of waste disposed of at facility
Grundons (Waste) Limited,	Tonne bags and sheeted haulage wagon	67.79 Tonnes
Veolia (UK) Limited	200 litre UN approved steel drums with secure lids	482.46 Tonnes
Cory Environmental Limited	Sheeted bulk haulage wagons	2,228.66 Tonnes
		Total tonnage = 2,778.91 Tonnes

A stockpile of excavated material identified as requiring off site transfer was classified as hazardous waste due to elevated Total Organic Carbon percentage (>6%) and Loss on Ignition (>10%). The Contractor pre-treated this material within the dirty area with lime to reduce the organic carbon content and therefore reclassify the material as non-hazardous. The relevant method statement is included in Appendix F and the

process was observed by WYG and is included in the Plates 42-44. Treatment was carried out in a plastic lined bunded treatment area constructed within the dirty area of the PCB remediation area.

The lime stabilisation process was undertaken on the 5th of March 2009 and all the material had been exported to landfill for disposal by the 9th of April 2009. The surface soils above the plastic lining within bunded area were tested (ES02, ES03, ES04 and ES05) and compared against the WYG RTVs. Of these, two areas of the bund indicated the soils were suitable for reuse onsite; however, the other two samples (ES03 and ES04) exceeded the RTVs and this material was exported to a non-hazardous landfill.

Copies of the waste transfer notes from each vehicle load of contaminated material removed from site are presented in Appendix L. The Veolia incineration site also produced destruction certificates following the incineration of each load of material received and is included within Appendix L.

6.6 Geophysical survey

To supplement the chemical validation and to provide additional confidence that the removal of metal drums form the ground had been effective staged geo-physical surveys were undertaken across the remediation area. On completion of the drum excavation works, Terradat, a specialist geophysical sub contractor surveyed the site using an electromagnetic detector and magnetic gradiometer. The contractor is the same one used for the original survey at the site originally in 2004 and a comparison of both surveys is included in the Terradat Geophysical Survey Report included within Appendix O. The survey was undertaken in three separate phases (July, December 2008 and March 2009) as the remedial excavations were completed across the remediation area.

The 'thin' white line running N-S and E-W mark the boundary between the separate site visits. On the last visit, the presence of the metal fence, fences and new footpath prevented full site coverage.

When compared to the 2004 data plots, there is a marked and significant decrease in the intensity of the magnetic signature and metal response, which indicates a relative decrease in metal content across the area. The remaining anomalies appear to be due to isolated shallow features i.e. bits of rebar and other metallic debris and manholes later identified by WYG and VINCI Engineer during a site visit at the site.

7.0 Capping Layer

7.1 WYGE Site Attendance

WYGE observed on a part time basis the installation of the capping layer. WYG records are included in the site visit reports included in Appendix E. Verification of the capping layers was undertaken during five specific visits to site where exploratory holes were dug to prove formation thickness and the presence of a visual barrier at the base of the capping layer.

7.2 Methodology

The works comprised:

- A visual barrier to be placed as a visual marker and deterrent to excavations into the Made Ground;
- Importation of capping materials, subject to the chemical criteria outlined in Appendix D; and,
- Placement of a 600 mm thick cap in all soft cover land use areas.

The soft cover land uses which require the protective capping layer are shown on Atkins Drawing's 5041855_LA_4906_RevP3, 5041855_LA_4907_RevP1 and 5041855_LA_4908_RevP3 in Appendix Q. The proposed aggregate and topsoil thicknesses are shown on VINCI drawing no. 189573/SK/031 in Appendix Q. The remainder of the site is to be developed to hard landscaping and buildings whereby the hard surface provides the break in the source-pathway-receptor linkage. Details of surface finishes are included in Drawing No.'s 5041855_LA4903_revP7 and 5041855_LA4904_revP1 in Appendix Q.

7.3 Capping work elements

7.3.1 Visible Barrier

A visual barrier of an orange woven geotextile was placed on the surface of the Made Ground (Plate 52 & 68) in areas of soft landscaping, gardens, and grassed playing fields. The geotextile was laid in overlapping strips to ensure complete coverage of the required areas. The installation of the visual barrier was observed during site visits and through the excavation of exploratory holes in the capping layer.

7.3.2 Import material

Natural aggregate was imported to site for use as a capping material above the visual barrier from two local quarries. Import material was sampled at a frequency of one sample per 500m^3 as the material was imported to the site to assess the compliance with the WYG chemical import criteria as presented in Appendix D. Details of the imported aggregate are presented below in Table 8.

Table 8 – Summary of import material

Quarry	Material	Test Results	Outcome
Machen (Hansen)	Limestone	Material indicated naturally elevated concentrations of heavy metals (arsenic, cadmium and lead) associated with the geologically formed mineral veins within the limestone.	Used as piling matt and below buildings and hard cover areas
Abercarn (Lafarge)	Gritstone	13 chemical compliance test results for material imported to site between 14th January and 20th February 2009. Assessed to be suitable for use as capping material.	Used as capping material

Levels of heavy metal in the limestone sourced from Machen Quarry were deemed to be above the chemical import criteria as outlined by WYG so preserving a precautionary approach to risk management material use was restricted to sub-grade beneath hard surfacing. Alternative material was sourced from Abercarn Quarry to form the cap in areas of public open space. Copies of the imported material analytical data and correspondence with the Local Authority are included in Appendix P.

The imported aggregate was laid on top of the visible barrier and suitably compacted for the required end use. The aggregate was typically laid to a thickness of between 450mm and 500mm in the areas identified as soft landscaping and playing fields. The final capping thickness of 600 mm was attained with the addition on topsoil which was imported to site and subject to the same import criteria as the imported aggregate. One load of topsoil which was imported to site was subsequently shown exceed the chemical import criteria outlined for the site and as such was shown to be unsuitable for use. This material was removed from site and the waste transfer notes for the movements are included in Appendix L. The laboratory analysis of the topsoil material is provided in Appendix P.

Import tonnages of aggregate and topsoil for the completion of the cap are presented in Table 9 below;

Table 9 – Import Volumes of Capping Materials

	Total imported (m^3)
Aggregate	7209.00
Topsoil	4030.35

7.3.3 Validation

WYG were provided with formation level drawings of the areas requiring capping by VINCI. These drawings show the ground levels prior to the placement of the capping layer and the final levels showing the extent and thickness of capping in place on site. These drawings are presented in Appendix Q.

Independent validation of cap thickness and identification of the visual barrier at depth was provided by WYG on five occasions between 30th January 2009 and 5th November 2009. Machine dug inspection pits were excavated in the presence of a WYG engineer to allow the measurement of the depth of capping material and the presence of the visible barrier, on subsequent visits the inspection pits were excavated in preparation of the site visit and left open for inspection. The visible barrier, formed by the orange geotextile was observed in all inspection pits at the base of the aggregate layer. The location of the inspection pits are shown in Figure 6. The findings of the inspection pits are presented in Table 10 and Plates 59-100.

Table 10 – Summary of cap validation

Inspection pit	Cap thickness (mm)				Actual total cap thickness (min. 600mm)
	Aggregate		Topsoil		
	Specified	Recorded	Specified	Recorded	
TP1	550	520	50	200	720
TP2	550	515	50	200	715
TP3	450	530	150	250	780
TP4	450	450	150	350	800
TP5	450	435	150	300	735
TP6	450	460	150	220	680
TP7	450	475	150	210	685
TP8	450	435	150	165	600
TP9	450	480	150	220	700
TP10	450	410	150	190	600
TP11	450	490	150	150	640
TP12	450	470	150	270	740
TP13	450	455	150	210	665
TP14	150	50	450	700	750
TP15	450	450	150	230	680
TP16	450	450	150	240	690
TP17	150	60	450	600	660
TP18	150	200	450	400	600
TP19	150	400	450	300	700
TP20	450	300	150	300	600

The inspection pits were located across the site in all areas where soft landscaping is present. The validation process has shown that in all inspection pits the thickness of the capping system meets the minimum requirement of 600mm as outlined in the WYG Report 'Performance Criteria for Remediation' dated January 2006 (reference E3808/GO/PerfCriteria/Jan06/V1).

8.0 Environmental emissions control monitoring

8.1 Programme

Environmental monitoring was specified in order to ensure the on site excavations and ground works did not adversely impact nearby sensitive receptors including Lotery's Reen and the wider environment, site operatives and the wider public. In addition to groundwater monitoring as outlined in Section 5.0, surface water monitoring was undertaken on a monthly basis. Weekly air quality monitoring was undertaken during the active removal of PCB waste and associated soils.

8.2 WYG Site attendance

WYG provided supervision during surface water monitoring and air quality monitoring during the excavation period. Further supervision was provided on a part time basis. Monitoring results were presented to WYG after each monitoring round.

8.3 Surface water monitoring

The reen which forms the southern boundary of the current development area was monitored at two locations (SM1 and SM2) during the remediation of the PCB contamination. Surface water samples were collected on a monthly basis by NHSED. A summary of the surface water monitoring is presented in Table 11 and the locations of the monitoring points shown in Figure 4.

Table 11 – Summary of surface water monitoring

Description	Summary
Pre-remediation works monitoring	One (23rd June)
Monitoring concurrent with remediation works	7 (monthly between 2nd July and 23rd March 2009)
Post-remediation works monitoring	5 (monthly between 13th November 2008 and 16th April 2009)

The surface water samples were sent to EcoS and later Chemtest UKAS accredited laboratories and analysed in line with the WYG analytical suite presented in the Remediation Performance Criteria.

8.3.1 Potential Leachate emission incident

During the remediation works, the reen was cleared of vegetation by workers from NCC as part of regular maintenance of the reen channel. Historically the Council have reacted to flooding issues at the Bowl Club building to the north of the site by undertaking maintenance of the reen. The Council carry out regular clearance work along the channel to ensure water flow to the Usk. Following their clearance work, a small area of suspected oily leachate breakout was observed along the reen, south of the PCB remediation area (Plates 1-3) and indicated on Figure 4.

Additional monitoring was undertaken along the length of the reen within the site boundary (monitoring locations SM3 to SM6) to investigate the nature of the breakout, with sample SM3 representing surface water samples obtained directly down gradient of the observed breakout.

The incident was reported to the EAW who investigated and took further samples but identified no elevated levels of contaminants within the reen and took no further action. Correspondence relating to the issue is contained within Appendix K.

8.3.2 Analysis of results

A more detailed summary of the surface water chemical quality trends will be provided on receipt of all the monitoring data and issue of the final version of this report. The additional sampling undertaken following the suspected leachate breakout indicated elevated PAH concentrations along the entire reen section.

The results from the latest available monitoring round (6th of March 2009) indicate no concentrations exceeding relevant environmental standards.

8.4 Land gas monitoring

Baseline land gas monitoring was undertaken on the 20th June 2008 prior to the start of remediation works at the ten monitoring boreholes installed prior to the start of the remediation works. These locations are shown in Figure 4. After the completion of the piling works on site, land gas monitoring was undertaken on a weekly basis for a period of three months. This consisted of 12 monitoring rounds carried out between the 10th October 2008 and 23rd December 2008 by NHSED and the results are presented in Appendix M.

8.4.1 Analysis of Results

Land gas monitoring results collected from the ten monitoring boreholes indicate variable levels of both methane and carbon dioxide. Maximum recorded levels of 33.3% methane (steady state) and 10.6% carbon dioxide (steady state) concentration show elevated levels of both methane and carbon diode and associated diminished oxygen levels are present in areas across the site. Maximum recorded flow rates were in the order of 3.0 litres per hour. The monitoring results again confirm the findings of the WYG 'Planning Support – Land Gas Monitoring and Risk Assessment Report' report dated January 2006 (WYG reference E3808/JC/LANDGAS/PLANNINGSUPPORT/JAN06/V3) and the need for a gas protection system within the school building to prevent the accumulation of landgas.

8.5 Site Boundary Asbestos Air monitoring

Site boundary asbestos air monitoring was undertaken by Manestream Limited at three locations on site (see monitoring records presented in Appendix N) on a weekly basis during the remediation works. Baseline monitoring was undertaken on the 17th June prior to the start of the remediation works with 17 weekly monitoring visits undertaken between the 24th June and 28th October 2008. The monitoring results indicate that all samples taken were reported at <0.01 fibres/ml and deemed satisfactory.

The Manestream method statement and the weekly monitoring records presented in Appendix N.

9.0 Site Completion Conditions

The main objectives of the Remediation Strategy for the site are presented below in light of the phased approach to the development as outlined in Section 2.5. The completion conditions for each objective are presented in the following sections:

- Removal of PCB drum and residual waste:
- Capping the site with buildings, hardstanding or imported materials in soft landscaped areas or gardens: and
- Gas protection measures for all site buildings.

9.1 Removal of PCB Contaminated Material and Associated Soils

The aim of the remediation strategy was to remove from site material visually containing PCB contaminated material identified during previous site investigations as well as additionally identified zones of unacceptable contamination identified during the progress of the remediation works. This was successfully achieved and validated by audit testing prior to the backfilling of excavations with material deemed suitable for reuse on site.

Unsuitable materials were disposed of in suitably licensed off site facilities.

9.1.1 Remnant contamination

The contamination removed has been identified by investigation and excavation on a risk, and not a total basis in accordance to the WYG Remediation Strategy. The main drivers for the removal of PCB were perception of risks to health and land values rather than as a requirement of the CLR assessment process. Areas not excavated may contain further unidentified contamination which may be revealed during further construction phases and following risk analysis may also require removal in line with the strategy outlined in the documents referenced herein. Supplementary geophysical investigation work has confirmed a significant reduction in the metallic content of the Made Ground, the metal content of the Made Ground has been shown by historic works to correlate with the PCB drum material.

9.2 Capping System

A capping system has been constructed to break the pathway between the identified contaminants in the Made Ground and site users. In areas where buildings and hard standing are not present a capping system of minimum thickness of 600 mm has been constructed. Material used in the construction of the capping layer has been certified as suitable for use on site in line with agreed chemical import criteria. The system has been assessed though the inspection of 20 trial pits across the site in areas of soft landscaping. The inspection pits indicate that the minimum thickness of 600mm had been met in all locations.

9.3 Gas Protection System

The WYG 'Planning Support – Land Gas Monitoring and Risk Assessment Report' report dated January 2006 (WYG reference E3808/JC/LANDGAS/PLANNINGSUPPORT/JAN06/V3) stated that a minimum 'two element' (membrane and vented void) level of protection was required to the school building. Discussions with a specialist gas protection contractor highlighted the Clean-Air Blanket (CAB) system as a suitable mitigation measure for land gas in the school building.

VINCI commissioned Prestige Air-Technology Ltd. to install an Air Inlet Manifold and Sub Floor Probe System that form part of a Clean Air Blanket gas protection system. Post construction monitoring conducted by Prestige Air-Technology Ltd. confirmed that the system was operating within the system specification requirements (methane concentrations below 1% volume by volume and carbon dioxide below 1.5% volume by volume).

A copy of Prestige Air-Technology's Completion Certificate and post construction monitoring is included in Appendix R. .

9.4 Completion statement

The remediation strategy was to appropriately reduce the risks (as revealed by analytical modelling but also related to risk perception) associated with the identified contamination. Impacted soil has been removed and excavations validated prior to backfill with suitable material. Suitable materials were also imported to site to construct the capping system. This document records how this strategy has been achieved by the methodology stated herein.

Prior to any future works, the Future Operational Management Considerations, outlined in subsequent section, should be considered. Any future works should be undertaken in an appropriate and controlled manner such that they do not have an adverse impact upon overall ground conditions and the remedial works undertaken at the site.

Backfill materials have been placed in accordance with the Specification for highways works and this has been demonstrated through validation testing. However, as a result of the zonal nature of the excavations, an allowance should be made for some degree, albeit limited, of potential differential settlement.

9.5 Future Operational Management Considerations

A number of operational management activities are outlined below. These activities include maintenance requirements for the site and safeguards for future site users to make sure the capping system remains effective and contact with any residual contamination is prevented.

- Capping layer thickness (minimum 600 mm) should be preserved and changes in site levels or soft landscaping areas should be undertaken with in consideration of maintaining the 600mm depth of cap.
- Excavations and maintenance to buried services should not progress below the visual barrier without adequate control measures in place to: manage potentially contaminated soils, protect site workers and property, control emissions to the environment, and protect site users. It is recommended that any intrusive works below the visual barrier are planned with the assistance of a competent environmental manager, consultant or engineer.
- In the event of excavation within the capping layer or below the visual barrier should be re-instated with similar materials and with a minimum capping layer of 600 mm. The re-instatement should b validated and recorded submitted to NCC.
- All future site owners should be informed of the potential nature of the residual contamination on site and the form of the capping system in place to make sure that levels of protection are maintained throughout the future of the site.
- Future developments on site should be protective of the capping system.

10.0 Statutory Consultees

Prior to the commencement of remediation works on site the remediation strategy and performance criteria for remediation were agreed to by the statutory consultees, including Newport City Council Public Protection and Environmental Services and Environment Agency Wales (EAW). The response from EAW was subject to:

- Being consulted should the proposals regarding the reen be altered.
- The remediation strategy (WYG 'Planning Support – Enhanced Ground Contamination Risk Assessment and Remediation Strategy' report, ref. E3808/GO/PSS-RemStrat/JAN06/V2) being submitted to the local planning authority for consultation and agreement with the EA prior to any work being undertaken.
- A foundation Works Risk Assessment Report being submitted to the local planning authority for consultation with the EAW prior to works commencing (this was forwarded by the piling contractor).

10.1 Contact Details for Statutory Consultees

- Ms Jackie Walters, Environment Agency Wales.
- Mr Andrew Williams, Scientific Officer, Newport City Council Environmental Health Public Protection Department.
- Mr Mark Hand, Development Manager, Newport City Council Planning Department.

10.2 Site Visits

Visits to site were undertaken by Mr Andrew Williams of NCC Environmental Health Public Protection Department on the 23rd June and 10th September to inspect the ongoing remedial works on site.

EAW were consulted by Vinci Construction Limited regarding the potential leachate breakout event into Lotery's Reen. Two representatives visited site on the 23rd June to collect samples and assess the situation. No further visits were undertaken and no further action was taken.

10.3 Correspondence

Additional correspondence with the Statutory Consultees was undertaken concerning three aspects of the remedial works as outlined below.

- *Phased Development of Works*. Agreement was obtained from Newport City Council Planning Department regarding the phased development of the site and the exclusion of the realignment of Lotery's Reen from the initial phase of development.
- *Potential Leachate Emission.* EAW were consulted regarding the potential breakout of leachate into Lotery's Reen. Correspondence is included in Appendix K.
- *Imported Aggregate Material.* NCC Environmental Health Public Protection Department were consulted regarding the elevated levels of heavy metals in the aggregate imported for the capping system. Agreement was reached for the use of the material beneath areas of hard standing or buildings with additional material imported for the construction of the capping system. The correspondence is included in Appendix P.

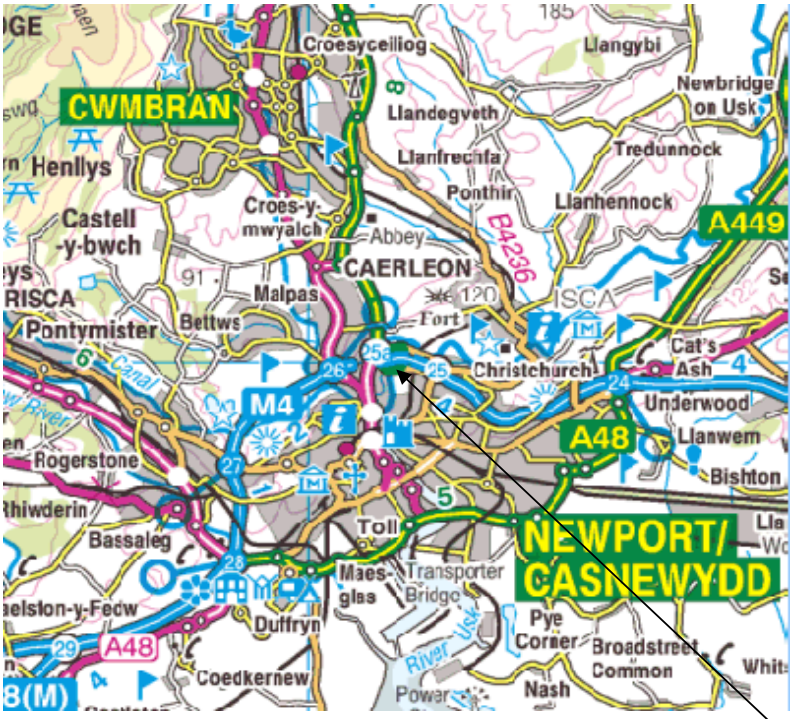
10.4 Discharge of Planning Consent

Permission was granted for the original development plan for the whole site on the 31st October 2000. This permission was subject to 20 planning conditions. Condition 7 involves the requirement to validate the implementation of any remediation activities to the satisfaction of the relevant statutory authorities. The reason for the condition is stated as "in the interest of residential amenities and to safeguard the interests of future users of the site". It states:

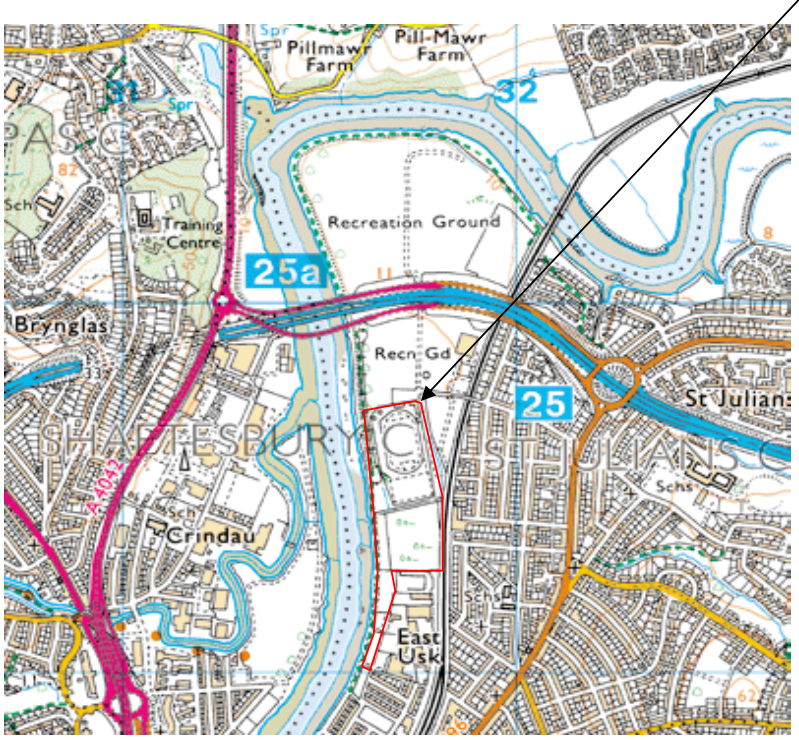
"On completion of the works of remediation the applicant shall provide a certification report, compiled by a suitably qualified engineer who has supervised the works, which confirms that the remediation works have been completed fully in accordance with the approved remediation strategy."

This report is presented in order to aid the partial discharge of Condition 7. It is noted that a full discharge of this condition is unlikely until the original proposed works to the reen (placed within a concrete lined channel) are completed.

Figures



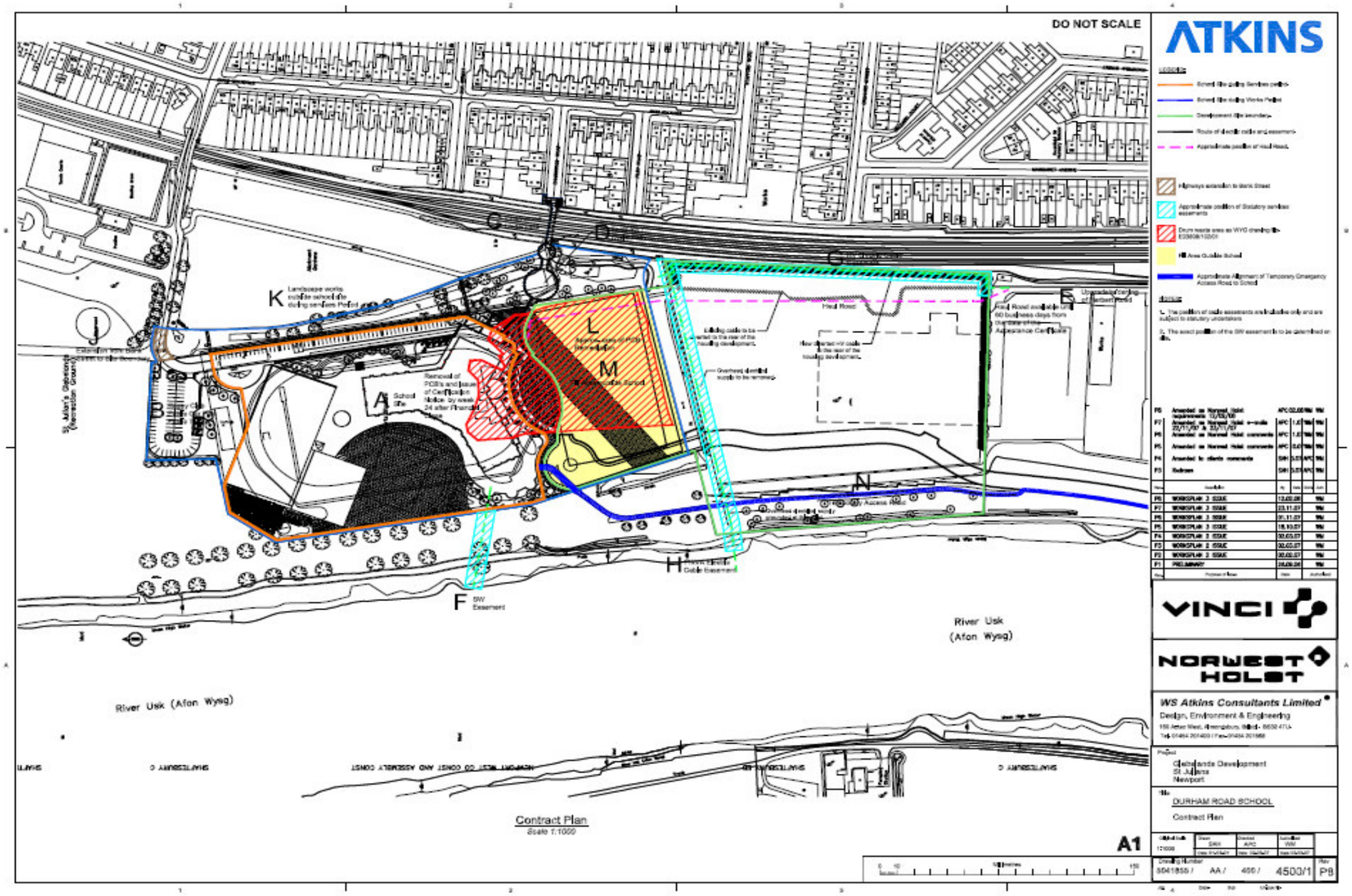
Site Location



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Tel: 02920 829200
Fax: 02920 455321
Environmental Consultancy
Ground Engineering Services

Project	Drawing Title	
Glan Usk School, Newport	Site Location Plan	
Client: VINCI	Checked by: RMD	Drawing No.: FIGURE 1



WYG Environment 5th Floor, Longcross Court, 47 Newport Road, Cardiff Tel: 02920 829200 Fax: 02920 455321 Environmental Consultancy Ground Engineering Services	Project Glan Usk School, Newport	Drawing Title School Development Plan	
	Client VINCI	Checked by RMD	Drawing No. FIGURE 2

DO NOT SCALE: CONTRACTOR TO CHECK ALL DIMENSIONS AND REPORT ANY OMISSIONS OR ERRORS

NOTES:
1. THIS TOPOGRAPHICAL SURVEY HAS BEEN TRANSFERRED FROM THE INFORMATION PROVIDED BY INITIAL SURVEYS Dwg. No. 6002/A0 DATED 13:10:03 AS DETAILED BELOW.
2. THIS DRAWING AND SURVEY ARE TO ORDNANCE SURVEY DATUM 'BEST FIT ONLY'.
3. THE PROPOSED DEVELOPMENT LOCATIONS AND SITE BOUNDARY HAVE BEEN TRANSFERRED FROM THE INFORMATION PROVIDED BY WYG (CARDIFF) Dwg. No. A017242-700 DATED 25:08:03 AND IS SUBJECT TO CONFIRMATION.
4. CONTRACTOR TO DEFINE LIMITS OF EXCAVATION ON SITE BASED ON VISUAL ASSESSMENT OF MATERIALS. WYGE TO AGREE LIMITS OF ALL EXCAVATIONS THROUGH ON SITE VALIDATION.

INDICITIVE AREAS OF PCB CONTAMINATION REQUIRING EXCAVATION AND VALIDATION

AREA FOR GEOPHYSICAL VALIDATION SURVEY

SCHOOL

DECONTAMINATION UNIT. PEDESTRIAN ENTRANCE AND EXIT TO DIRTY ZONE

DIRTY ZONE

LOADING AREA FOR LORRIES

EXISTING SEWER

REFERENCE

- ROAD/ ACCESS AREAS
- APPROXIMATE SITE BOUNDARY
- BH.8 BOREHOLE LOCATIONS – EXPLORATION ASSOCIATES (EA) JUNE 2000
- TP.1 TRIAL PIT LOCATIONS – EXPLORATION ASSOCIATES (EA) JUNE 2000
- BH529 BOREHOLE LOCATIONS – NORWEST HOLST SEPTEMBER 2003 **
- TP625 TRIAL PIT LOCATIONS – NORWEST HOLST SEPTEMBER 2003
- WG.14 BOREHOLE LOCATIONS – ENVIRONMENTAL ADVISORY UNIT (EAU) 1994
- BH BOREHOLE LOCATIONS – OCTOBER 2004
- CPT CONE PENETRATION TEST LOCATIONS – OCTOBER 2004
- TP TRIAL PIT LOCATIONS – OCTOBER 2004

** 400's SERIES ARE A COMBINATION OF EA 2000 AND EAU 1994 BOREHOLES. DETAILS ARE INDICATED IN BRACKETS.

REV	DESCRIPTION	BY	CHK	APP	DATE

5th FLOOR
LONGCROSS COURT
47 NEWPORT ROAD
CARDIFF
CF24 0AD
TEL: +44 (0)29 2082 9200
FAX: +44 (0)29 2045 5321
e-mail: cardiff@wyg.com

Client: VINCI

Project: GLAN USK SCHOOL, NEWPORT

Drawing Title: PRE – WORKS REMEDIATION AREA

Scale @	Drawn	Date	Checked	Date	Approved	Date
A2 1:500	PJ	07.05.09	sr	07.05.09	CBP	07.05.09

Project No.	Office	Type	Drawing No.	Revision
A042139	4406	ENV	FIGURE 3	00

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FILENAME : N:\ENVIRONMENTAL\PROJECTS\A042139 – DURHAM ROAD SCHOOLS GLEBELANDS\DRAWINGS & FIGURES\VALIDATION REPORT DRAWINGS\A042139 –FIGURE 3.DWG | PLOTTED DATE : 07 May 2009 16:29:45 | PLOTTED BY : PAM.JOHN

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NOTES:
1. THIS TOPOGRAPHICAL SURVEY AND NORWEST HOLST SITE INVESTIGATION INFORMATION HAS BEEN TRANSFERRED FROM THE INFORMATION PROVIDED BY INITIAL SURVEYS Dwg. No. 6002/A0 DATED 13:10:03 AS DETAILED BELOW.
2. THE SITE BOUNDARY HAS BEEN TRANSFERRED FROM THE INFORMATION PROVIDED BY WYG (CARDIFF) Dwg. No. A017242-700 DATED 25:08:03 AND IS SUBJECT TO CONFIRMATION.
3. THIS DRAWING AND SURVEY ARE TO ORDNANCE SURVEY DATUM 'BEST FIT ONLY'.

SITE BOUNDARY

EXISTING SEWER

EXISTING SEWER

CUTLINE

CUTLINE

SITE BOUNDARY

BH601 BH602 BH603 BH604 BH604A BH605 BH606 BH606A BH607 BH608

SM1 SM2

KEY:

- GROUNDWATER AND LAND-GAS MONITORING BOREHOLE SCREENED IN MADE GROUND.
- GROUNDWATER MONITORING BOREHOLE SCREENED IN OLD RED SANDSTONE.
- SURFACE MONITORING POSITION REEN
- EXAMPLE DIRTY AREA

Mean High Water

River Usk (Afon Wysg)

Mud

Works

0 50m

REV	DESCRIPTION	BY	CHK	APP	DATE

Client: VINCI

5th FLOOR
LONGCROSS COURT
47 NEWPORT ROAD
CARDIFF
CF24 0AD
TEL: +44 (0)29 2082 9200
FAX: +44 (0)29 2045 5321
e-mail: cardiff@wyg.com

Project:
GLAN USK SCHOOL, NEWPORT

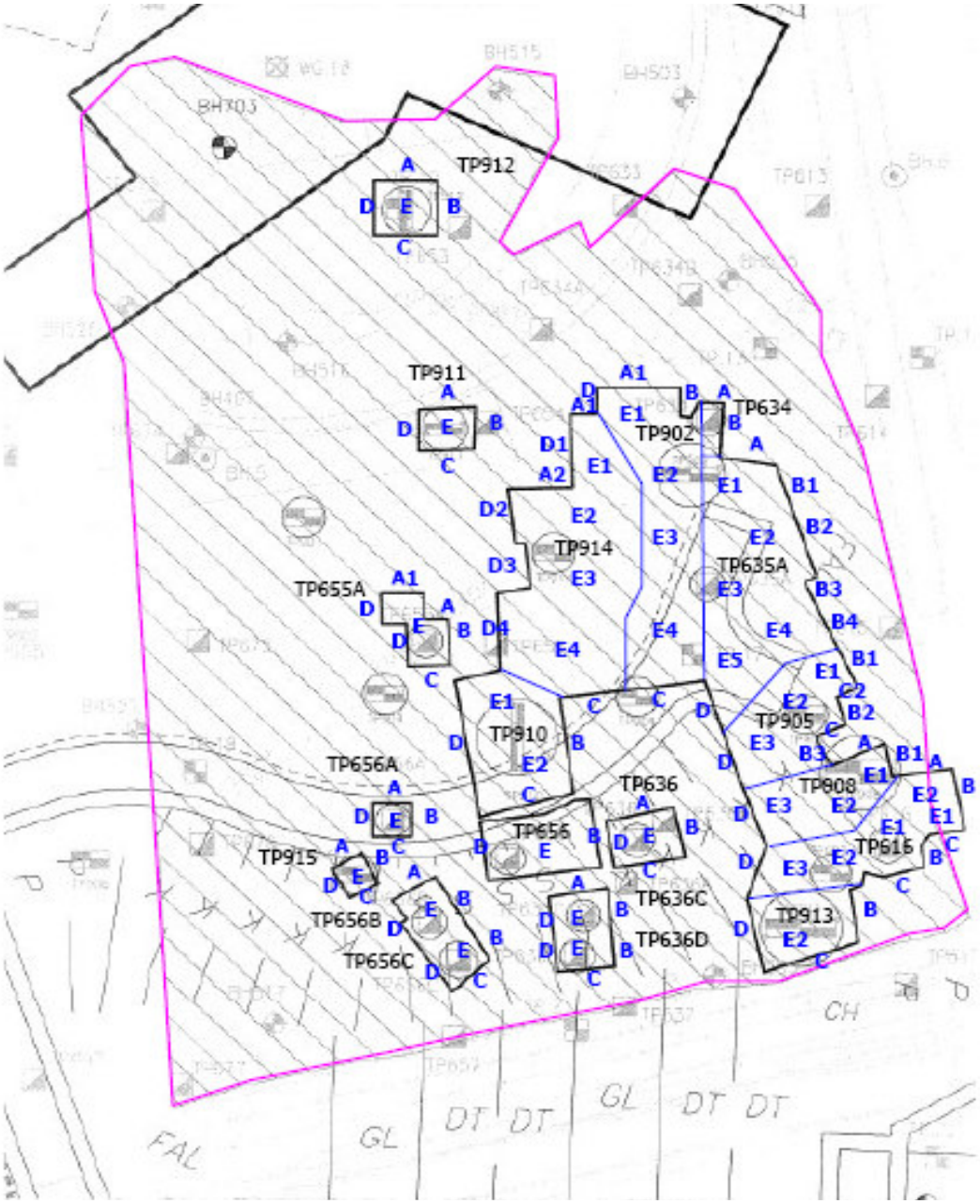
Drawing Title:
MONITORING INSTALLATIONS

Scale	Drawn Date	Checked Date	Approved Date
A2 @ 1:1000	PJ 08.04.09	RMD 08.04.09	CBP

Project No.	Office	Type	Drawing No.	Revision
A042139	4406	ENV	FIGURE 4	00

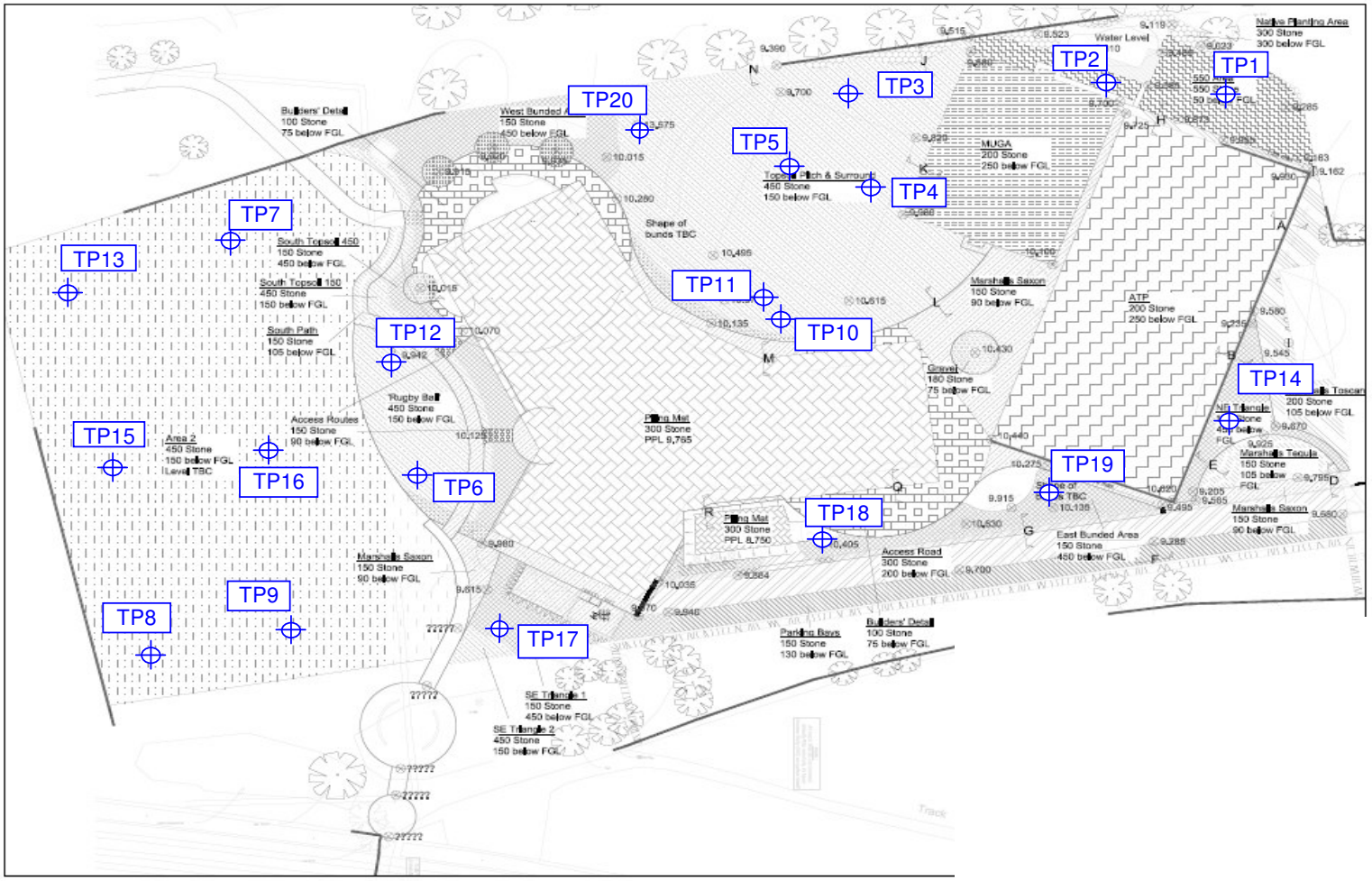
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FILENAME : N:\ENVIRONMENTAL\PROJECTS\A042139 - DURHAM ROAD SCHOOLS GLEBELANDS\DRAWINGS & FIGURES\VALIDATION REPORT DRAWINGS\A042139- FIGURE 4.DWG | PLOTTED BY : PAM.JOHN | PLOTTED DATE : 07 May 2009 16:31:17



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	Client VINCI	Checked by CBP	Drawing No. FIGURE 5



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	Client VINCI	Checked by CBP	Drawing No. FIGURE 6

Plates



Plate Title	Plate No
Lotery's Reen showing where sheen on water was first identified	1



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Project	Plate Title
Glan Usk School, Newport	Lotery's Reen along eastern boundary of the site

Client	Checked by	Plate No.
VINCI	CBP	2



Plate Title	Plate No
Sheen on water on the bank of Lotery's Reen	3



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	Client VINCI	Checked by CBP	Plate No. 4



Plate Title	Plate No
Excavation of TP911	5



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	Client VINCI	Checked by CBP	Plate No. 6



Plate Title	Plate No
Excavation of TP636	7



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Project	Plate Title
Glan Usk School, Newport	Insitu drums in TP905

Client	Checked by	Plate No.
VINCI	CBP	8



Plate Title	
Insitu drums with surrounding waste in TP914.	9



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Project	Plate Title	
Glan Usk School, Newport	Excavation after dewatering in TP914	
Client: VINCI	Checked by: CBP	Plate No.: 10



Plate Title	Plate No
Large excavation looking north from TP913	11



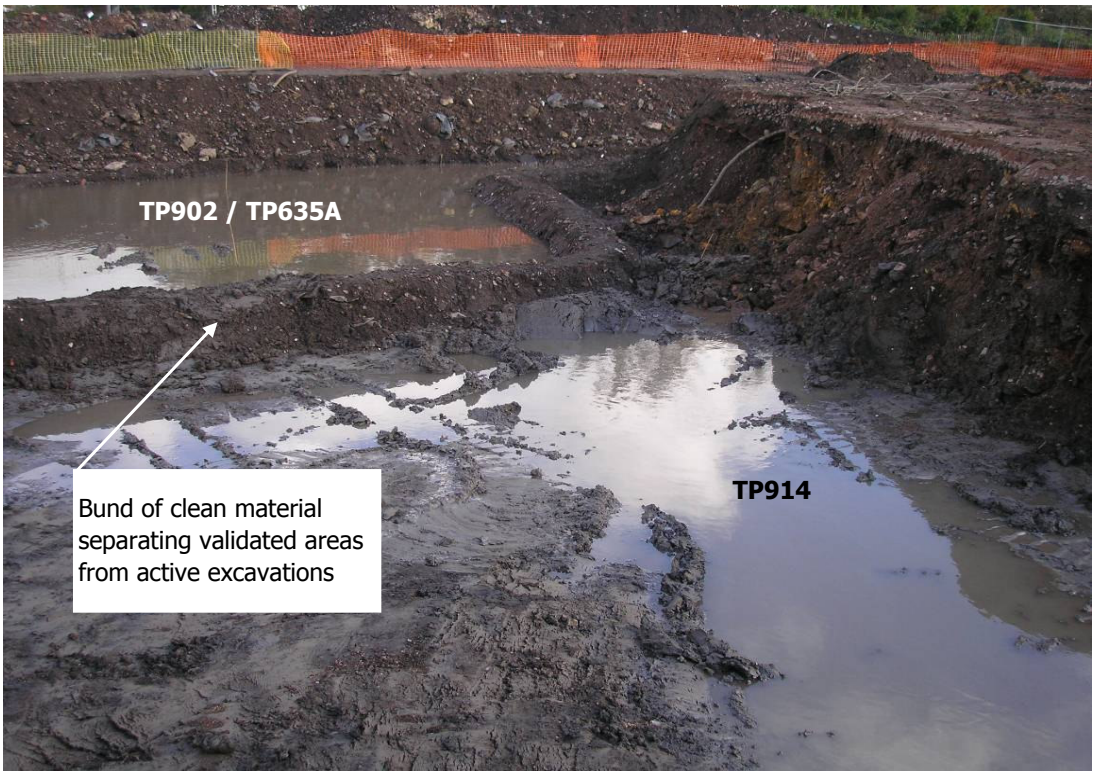
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Project	Plate Title
Glan Usk School, Newport	Large excavation looking south from TP635a

Client	Checked by	Plate No.
VINCI	CBP	12



Plate Title	Plate No
Excavation of TP908	13



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Project	Plate Title
Glan Usk School, Newport	Large excavation with validated & backfilled areas behind

Client	Checked by	Plate No.
VINCI	CBP	14



Plate Title	Plate No
Large excavation during remediation	15



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Project	Plate Title
Glan Usk School, Newport	Large excavation
Client: VINCI	Checked by: CBP / Plate No.: 16



Plate Title	Plate No
Drums waiting for excavation in TP910	17



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Project	Plate Title
Glan Usk School, Newport	Excavation of drum with PCB containing material (TP914)

Client	Checked by	Plate No.
VINCI	CBP	18



Plate Title	Plate No
Excavation of drums in TP908	19



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Project	Plate Title
Glan Usk School, Newport	Removal of drums from TP914
Client: VINCI	Checked by: CBP / Plate No.: 20



Plate Title	Plate No
Red brown grease shown to contain high levels of PCBs in TP902	21



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Project	Plate Title
Glan Usk School, Newport	Viscous red brown grease shown to contain high levels of PCBs

Client	Checked by	Plate No.
VINCI	CBP	22



Plate Title	Plate No
PCB containing material leaking from exposed drum in TP910.	23



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Project	Plate Title
Glan Usk School, Newport	Brittle dark red drown glassy material with elevated PCBs

Client	Checked by	Plate No.
VINCI	CBP	24



Plate Title	
Brittle Glassy material in drum during excavation from TP655A	25



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Project	Plate Title	
Glan Usk School, Newport	Typical brittle red brown material with elevated levels of PCBs	
Client: VINCI	Checked by: CBP	Plate No.: 26



Plate Title	Plate No
Packing case with Monsanto label excavated from TP655a in the vicinity of drummed material	27



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Project	Plate Title
Glan Usk School, Newport	Coloured plastic waste commonly found in the vicinity of PCB material

Client	Checked by	Plate No.
VINCI	CBP	28



Plate Title	Plate No
Swarfe located within TP636D excavation	29



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Project	Plate Title
Glan Usk School, Newport	Redundant electricity cable on edge of TP911 excavation

Client	Checked by	Plate No.
VINCI	CBP	30



Plate Title	Plate No
Excavated PCB containing material being placed in tonne bags	31



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Project	Plate Title
Glan Usk School, Newport	Skip used to crush excavated drums

Client	Checked by	Plate No.
VINCI	CBP	32



Plate Title	Plate No
Plastic lined bunded area below skip	33



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Project	Plate Title
Glan Usk School, Newport	Drums being crushed in skip

Client	Checked by	Plate No.
VINCI	CBP	34



Plate Title	Plate No
Shute used for loading drums for removal of material from site	35



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Project	Plate Title
Glan Usk School, Newport	Telehandler moving and weighing loaded drums

Client	Checked by	Plate No.
VINCI	CBP	36



Plate Title	Plate No
Stockpiles of material requiring validation	37



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Project	Plate Title
Glan Usk School, Newport	Filled bags prior to removal
Client: VINCI	Checked by: CBP / Plate No.: 38



Plate Title	Plate No
General site activities showing loading of drums and material stockpiled on site	39



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	Client VINCI	Checked by CBP	Plate No. 40



Plate Title	
Product with elevated levels of LNAPL on surface or perched water in TP910	41



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Project	Plate Title	
Glan Usk School, Newport	Stockpile of crushed barrels and oversized material sorted prior to lime treatment	
Client: VINCI	Checked by: CBP	Plate No.: 42



Plate Title	Plate No
Lime stabilisation of bund material	43



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Project	Plate Title
Glan Usk School, Newport	Lime stabilisation of bund material

Client	Checked by	Plate No.
VINCI	CBP	44



Plate Title	Plate No
Water treatment system, installed on site	45



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Project	Plate Title
Glan Usk School, Newport	Water treatment system

Client	Checked by	Plate No.
VINCI	CBP	46



Plate Title	Plate No
Load being secured prior to removal from site to Grundon's Facility	47



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Project	Plate Title
Glan Usk School, Newport	Material awaiting removal from site to Grundon's facility

Client	Checked by	Plate No.
VINCI	CBP	48



Plate Title	Plate No
Waste identification label for material for off site disposal	49



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	Client VINCI	Checked by CBP	Plate No. 50



Plate Title	Plate No
Ground levels being raised under footprint of school building	51



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Project	Plate Title
Glan Usk School, Newport	Visual barrier used below capping material in areas of soft landscaping

Client	Checked by	Plate No.
VINCI	CBP	52



Plate Title	Plate No
Cover material with barrier membrane on top of made ground deposits	53



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Project	Plate Title
Glan Usk School, Newport	Final site levels under foot print of school building

Client	Checked by	Plate No.
VINCI	CBP	54



Plate Title	Plate No
Area of soft landscaping in northern section of site	55



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Project	Plate Title	
Glan Usk School, Newport	Footprint of access roadway on site	
Client: VINCI	Checked by: CBP	Plate No.: 56



Plate Title	
Capping material being laid on areas of soft landscaping	57



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Project	Plate Title		
Glan Usk School, Newport	Landscaping close to adjacent rugby club		
Client: VINCI	Checked by: CBP	Plate No.: 58	



Plate Title	Plate No
Excavation of TP2 through Cap aggregate layer.	59



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Project	Plate Title
Glan Usk School, Newport	Excavation of TP3 through cap aggregate layer

Client	Checked by	Plate No.
VINCI	CBP	60



Plate Title	Plate No
Excavation of TP4 through Cap aggregate layer.	61



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Project	Plate Title
Glan Usk School, Newport	Excavation of TP5 through cap aggregate layer

Client	Checked by	Plate No.
VINCI	CBP	62



Plate Title	Plate No
Excavation of TP6 through Cap aggregate layer.	63



WYG Environment 5th Floor, Longcross Court, 47 Newport Road, Cardiff Tel: 02920 829200 Fax: 02920 455321 Environmental Consultancy Ground Engineering Services	Project: Glan Usk School, Newport	Plate Title: Excavation of TP7 through cap aggregate layer	
	Client: VINCI	Checked by: CBP	Plate No.: 64



Plate Title	Plate No
Excavation of TP8 through Cap aggregate layer.	65



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Project	Plate Title	
Glan Usk School, Newport	Excavation of TP9 through cap aggregate layer	
Client: VINCI	Checked by: CBP	Plate No.: 66



Plate Title	Plate No
Installation of capping system (visible barrier & aggregate)	67



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Project	Plate Title
Glan Usk School, Newport	Section through capping layer showing basal geotextile membrane
Client: VINCI	Checked by: CBP / Plate No.: 68



Plate Title	Plate No
Installation of capping system (visible barrier & aggregate)	69



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Project	Plate Title	
Glan Usk School, Newport	Installation of capping system (visible barrier & aggregate)	
Client: VINCI	Checked by: CBP	Plate No.: 70

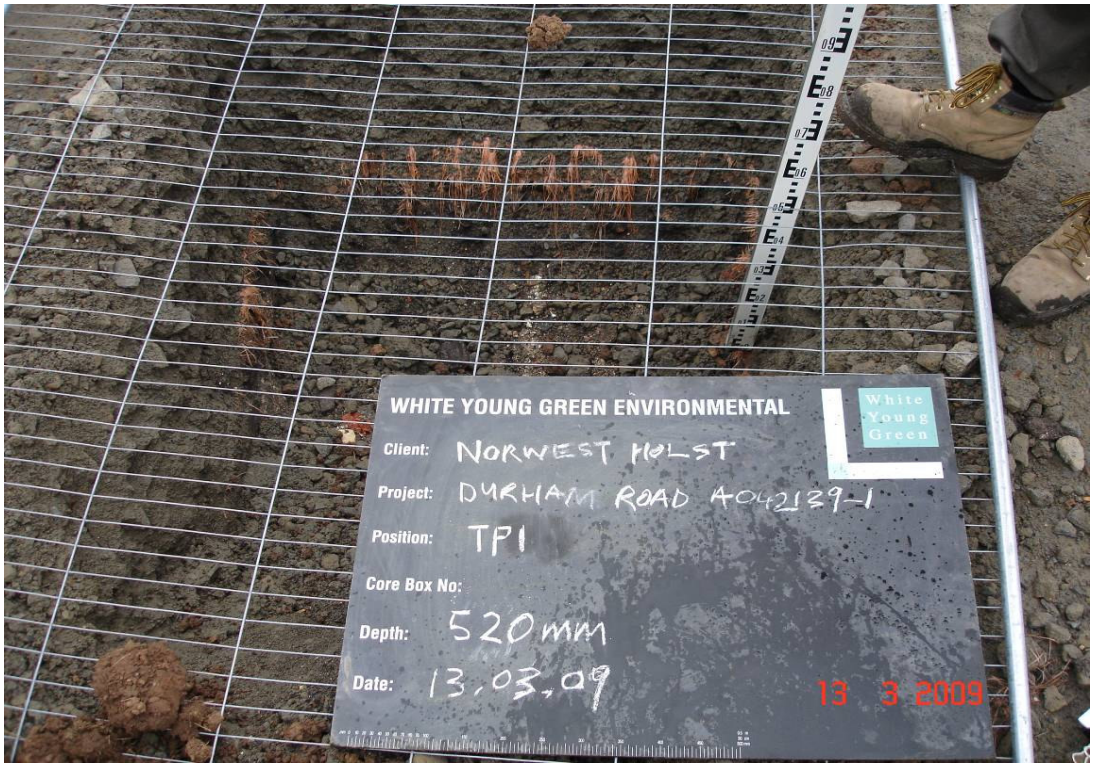


Plate Title	Plate No
Excavation of TP1 (tree pit) through Cap aggregate layer.	71



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Project	Plate Title
Glan Usk School, Newport	Excavation of TP7 through Cap aggregate layer.

Client	Checked by	Plate No.
VINCI	CBP	72



Plate Title	Plate No
Excavation of TP9 through Cap aggregate layer.	73



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Project	Plate Title
Glan Usk School, Newport	Excavation of TP10 through Cap aggregate layer.

Client	Checked by	Plate No.
VINCI	CBP	74



Plate Title	Plate No
Excavation of TP11 through Cap aggregate layer.	75



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Project	Plate Title
Glan Usk School, Newport	Excavation of TP12 through Cap aggregate layer.

Client	Checked by	Plate No.
VINCI	CBP	76



Plate Title	Plate No
Excavation of TP13 through Cap aggregate layer.	77



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Project	Plate Title
Glan Usk School, Newport	Excavation of TP14 through Cap aggregate layer.

Client	Checked by	Plate No.
VINCI	CBP	78



Plate Title	Plate No
Excavation of TP1 through cap topsoil layer.	79



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Project	Plate Title
Glan Usk School, Newport	Excavation of TP2 through cap topsoil layer.

Client		Plate No.
VINCI		80



Plate Title	Plate No
Excavation of TP18 through Cap aggregate and topsoil layer.	81



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Project	Plate Title
Glan Usk School, Newport	Excavation of TP19 through cap aggregate and topsoil layer

Client	Checked by	Plate No.
VINCI	CBP	82



Plate Title	Plate No
Excavation of TP3 through Cap topsoil layer.	83



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Project	Plate Title
Glan Usk School, Newport	Excavation of TP4 though cap topsoil layer

Client	Checked by	Plate No.
VINCI	CBP	84



Plate Title	Plate No
Excavation of TP5 through Cap topsoil layer.	85



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Project	Plate Title
Glan Usk School, Newport	Excavation of TP10 though cap topsoil layer

Client	Checked by	Plate No.
VINCI	CBP	86



Plate Title	Plate No
Excavation of TP11 through Cap topsoil layer.	87



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5th Floor, Longcross Court, 47 Newport Road, Cardiff
Tel: 02920 829200
Fax: 02920 455321
Environmental Consultancy
Ground Engineering Services

Project	Plate Title
Glan Usk School, Newport	Excavation of TP15 though cap aggragate layer

Client	Checked by	Plate No.
VINCI	CBP	88



Plate Title	Plate No
Excavation of TP16 through Cap aggregate layer.	89



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Ground Engineering Services

Project	Plate Title
Glan Usk School, Newport	Excavation of TP20 though cap aggragate layer

Client	Checked by	Plate No.
VINCI	CBP	90



Plate Title	Plate No
Excavation of TP6 through topsoil layer	91



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Project	Plate Title
Glan Usk School, Newport	Excavation of TP7 though cap aggragate layer

Client	Checked by	Plate No.
VINCI	CBP	92



Plate Title	Plate No
Excavation of TP8 through topsoil layer	93



WYG Environment 5th Floor, Longcross Court, 47 Newport Road, Cardiff Tel: 02920 829200 Fax: 02920 455321 Environmental Consultancy Ground Engineering Services	Project Glan Usk School, Newport	Plate Title Excavation of TP9 though cap aggragate layer	
Plate No.	Client VINCI	Checked by CBP	Plate No. 94



Plate Title	Plate No
Excavation of TP12 through topsoil layer	95



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Project	Plate Title
Glan Usk School, Newport	Excavation of TP13 though cap aggragate layer

Client	Checked by	Plate No.
VINCI	CBP	96



Plate Title	Plate No
Excavation through TP15 through topsoil	97



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Environmental Consultancy
Ground Engineering Services

Project	Plate Title
Glan Usk School, Newport	Excavation of TP16 though topsoil layer

Client	Checked by	Plate No.
VINCI	CBP	98



Plate Title	Plate No
Excavation of TP17 through topsoil and aggregate layer	99



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Tel: 02920 829200
Fax: 02920 455321
Environmental Consultancy
Ground Engineering Services

Project	Plate Title	
Glan Usk School, Newport	TP 17 showing orange barrier at base	
Client: VINCI	Checked by: CBP	Plate No.: 100

Appendices

Appendix A Report Conditions

WYG ENVIRONMENT

APPENDIX A - REPORT CONDITIONS

REMEDIATION

This report is produced solely for the benefit of VINCI Construction UK Limited and no liability is accepted for any reliance placed on it by any other party unless specifically agreed in writing otherwise.

This report refers, within the limitations stated, to the condition of the site at the time of the inspections. No warranty is given as to the possibility of future changes in the condition of the site.

This report is based on a visual site inspection, study of readily to accessible referenced historical records, the physical investigation as detailed, information supplied by those parties noted in the text, the evaluation presented and discussions with local and Statutory Authorities. Some of the opinions are based on unconfirmed data and information and are presented in good faith without exhaustive clarification. The test results that are available can only be regarded as a limited characterisation but likely representative sample assessed against current UK and other text referenced guidelines. The impact of our assessment on other aspects of the development requires evaluation by other involved parties. The possibility of the presence of contaminants not revealed by this research, perhaps in higher concentrations, elsewhere on the site cannot be discounted.

Whilst confident in the findings detailed within this report because there are no exact UK definitions of these matters, being subject to risk analysis, we are unable to give categoric assurances that they will be accepted by Authorities or Funds etc. without question, as such bodies have unpublished, often more stringent objectives. This report is prepared and written for the purpose stated in the report and should not be used in a different context without reference to WYG. In time improved practices or amended legislation may necessitate a re-assessment.

The report is necessarily limited to those aspects of land contamination specifically reported on and no liability is accepted for any other aspect especially concerning gradual or sudden pollution incidents that may occur. The opinions expressed cannot be absolute due to the limitations of time and resources within the context of the agreed brief and the possibility of unrecorded previous use and abuse of the site and adjacent sites. The report concentrates on the site as defined in the report and provides an opinion on surrounding sites. If the migrating pollution or contamination (past or present) exists this can only practically be better assessed following extensive on and off site intrusive investigations and monitoring.

Appendix B Phasing of Works Correspondence

Mark Hand
MH/SAD/03/1531/05

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01633 232334
33238 Newport (South Wales)(1)
mark.hand@newport.gov.uk

Vinci Investments Limited
Astral House
Imperial Way
Watford
Hertfordshire
WD24 4WW

18 November 2008

For the attention of Mr. M. Hunt

Dear Sirs

Development at Glebelands, Newport
Planning Permissions 00/0768/0 and 03/1531/RM

I refer to the letter from Norwest Holst dated 14 July 2008.

It is my understanding from that letter, which has subsequently been confirmed in the email dated 02 October 2008 from Alf Ropke, that all works will be carried out in accordance with the details already agreed by the Local Planning Authority, albeit now in a phased manner to allow the completion of the school independently from the residential development, which is currently on hold.

It is my understanding that the phasing of the site would define the school site as being the land to the north of the reen. Following remediation, the land to the north of the reen is to be graded and seeded so as to not detract from the setting of the new school. The school site will be fully remediated in accordance with the previously agreed details and certification of remediation will be provided, in accordance with Condition 07 of outline permission 00/0768, prior to the first use of the school site. It is my understanding that the level of the school site and land to the north of the reen is already above the level required by the Environment Agency and the approved remediation scheme includes a 600mm cap layer which is to be completed prior to certification and first use of the school site.

It is my understanding that the remediation of land to the south of the reen (the housing site) is to be completed by the future developer in accordance with the previously approved details, and land levels raised in accordance with the Environment Agency's requirements. The housing site would be subject to a separate certification (as required by Condition 07) that the remediation has been completed in accordance with the approved scheme, on completion of the remediation works and prior to the occupation of any dwelling.

Continued.../

Had it been known at the time outline permission was granted that development would need to be phased in this way, the planning conditions would have been worded accordingly at that time. I therefore have no objection to the proposed phasing of the development, as this does not affect the spirit or purpose of the planning conditions, which will be complied with as per the approved details, albeit now in a phased manner.

In accordance with the above phasing arrangement, an application would be required, prior to first use of the school, to partially discharge condition 07 of outline planning permission 00/0768 in relation to the school site only. A similar application would be submitted at a future date by the housing developer to partially discharge that condition for the housing site.

On the above basis, I have no objection to the phasing of the development as described in your letter dated 14 July 2008 and the email from Alf Ropke dated 02 October 2008.

Yours faithfully

Mark Hand
Development Control Manager

Appendix C Summary of Previous Site Investigations

Summary of Previous Site Investigations

Prior to WYGE involvement in the scheme, three previous ground contamination site investigations had been undertaken on part or the whole of the site and are detailed in chronological order as follows:

- Environmental Advisory Unit (EAU), 1994 comprising six cable percussive boreholes within the northern part of the site (WG15 to WG20).

- Integral Geotechnique, under the direction of RPT, April 1995 comprising fifteen mechanically excavated trial pits within the southern part of the site (TPC1 to TPC15).

- Exploration Associates, under the direction of Gwent Consultancy, April 2000 comprising eleven cable percussive boreholes and twenty seven mechanically excavated trial pits over the entire site (BH1 to BH11 and TP1 to TP27).

WYGE Ground Conditions Desk Top Study (August 2003)

In addition to summarising and assessing the previous work on the site, the WYGE Ground Conditions Desk Top Study (August 2003) also sought information from a series of sources, including historical maps, statutory consultees and environmental databases, to ascertain the history and context of the site.

The recommendations of the desk study stated that further site investigation was required to provide more detailed information for quantitative risk assessment (as planning conditions request) and geotechnical assessment of the site in light of proposed development/end use. Long term land-gas monitoring was also recommended (and is also a planning consideration).

WYGE Ground Investigation (September 2003)

This ground investigation was undertaken by Norwest Holst but was designed and supervised by WYGE. It was reported in full in the Site Investigation Interpretative Report dated October 2003 (WYGE reference E3808/ CBP/GIR/OCT2003/V1

WYGE Tier 3 QRA (October 2003)

The full rationale, methodology, results and recommendations of the QRA are included within the report entitled 'Quantitative Risk Assessment of Ground Conditions recorded during the 2000 and 2003 Site Investigations' dated October 2003 (WYGE reference E3808/JV/SP/Oct2003/QRA/V1).

WYGE Ground Investigation (October 2004)

The purpose of this supplementary investigation was:

- To provide sufficiently detailed parameters to allow the generation of a robust geotechnical design solution for the site.

- To allow a better assessment of the extent and severity of PCB drum contamination in the area immediately to the north of the reen. The area coincident with historic tipping of suspected PCB impacted drum waste.

Norwest Holst Ground Investigation (March 2007)

The purpose of the investigation was to determine the extent of the contamination around three of the previously identified hot spots of PCB waste and to determine the ease with which the contamination could be visually identified with a view to determining suitable remediation recommendations.

Appendix D WYG Performance Criteria

Chemical criteria for import of material

Determinand	Criteria value (mg/kg)
Total phenols	20
Acenaphthene	35
Acenaphthalene	5
Anthracene	115
Benzo(a)anthracene	3
Benzo(a)pyrene	0.5
Benzo(b)fluoranthene	1
Benzo(k)fluoranthene	3
Benzo(g,h,i)perylene	250
Chrysene	15
Di-benzo(a,h)anthracene	0.6
Indeno(1,2,3-cd)pyrene	5
Fluoranthene	15
Fluorene	50
Naphthalene	10
Phenathrene	90
Pyrene	130
Arsenic	20
Cadmium	1
Chromium	130
Lead	450
Mercury	8
Nickel	50
Selenium	35
Benzene	0.03
Toluene	3
Ethylbenzene	9
Xylene	6
TPH (total)	25
PCBs (total)	0.17

Chemical validation criteria for PCB area

Congener	RTV (mg/kg)
PCB 28	10.4
PCB 52	4.25
PCB 101	9.2
PCB 118	29.4
PCB 138	4.94
PCB 153	7.13
PCB 180	2.57

Client: Norwest Holst

Project: DURHAM ROAD SCHOOL, GLEBLANDS, NEWPORT

MONITORING PERFORMANCE SPECIFICATION

Monitoring Boreholes

The location and number of groundwater monitoring locations has previously been with the Environment Agency (15th March 2006) and a plan showing these positions was included within the WYGE Performance Criteria for Remediation Report no. E3808/GO/PerfCriteria/Jan06/V1. We have reviewed these requirements in light of the revised scheme and removed all positions that we believe were primarily for the residential part of the development.

The attached drawing (102) shows the location of the proposed and previously agreed monitoring positions. In summary there are to be two screening depths; either within the made ground to monitor any perched waters, or within the sandstone aquifer to monitor the aquifer waters.

The table below summarise the proposed monitoring boreholes:

Position	Anticipated depth	Installation	Existing suitable borehole
BH601	3.5m	Made ground	None
BH602	3.5m	Made ground	None. BH513 installed within Alluvium
BH603	3.5m	Made ground	None. BH406 installed in 1994 and cannot be located.
BH604	3.5m	Made ground	None
BH605	3.5m	Made ground	None
BH606	3.5m	Made ground	None
BH607	3.5m	Made ground	None
BH608	3.5m	Made ground	None
BH701	12m	Old Red Sandstone	BH504
BH702	12m	Old Red Sandstone	None

These monitoring positions have been adjusted to the current redevelopment plans for the northern half of the site (i.e. school development) and do not include any groundwater monitoring positions within the southern half of the site. Having carefully reviewed the locations and installation details of the previously installed monitoring positions, it is unfortunate that only one borehole, BH504, is suitable for potential re-use. WYGE will conduct a site visit to check the serviceability of BH504. However, it is recommended that consideration be given to the installation of a new well in a more desired location.

For validation purposes, the presence of WYGE is required during monitoring well installation to check and validate the works. NHCL shall therefore inform WYGE, in good time, as to when such activities will take place.

Whilst the positions indicated on Figure 102 are not definitive, any alterations are to be agreed with WYGE prior to installation.

Groundwater monitoring frequency, suite of analysis and duration

The following text (as previously agreed with the EA, March 2006) outlines the operational and technical details of groundwater monitoring before, during and after the remediation works.

- One round of groundwater monitoring shall be undertaken prior to remediation work commencing.

- During remediation of the PCB area groundwater monitoring shall be undertaken weekly (approximately 6 week excavation programme).

- Following completion of PCB remediation groundwater monitoring will be undertaken monthly for a period of four months.

- During general construction works in the northern area (school and associated infrastructure) monitoring will be undertaken in this area every six weeks.

- Following completion of works in the northern area (school and associated infrastructure) one additional round of groundwater monitoring will be undertaken one month after works cease.

- On each monitoring visit, each installation shall be purged for five well volumes, and samples submitted to a WYGE approved chemical laboratory for analysis of a standard suite of contaminants as outlined in Table 1. The laboratory analytical detection limits are to be provided to WYGE prior to the start of the monitoring works to ensure suitability.

- The results of this groundwater monitoring are to be submitted to WYGE within 10 working days of sampling. WYGE will compare the results with the Tier 1 screening values. These values are based upon EQS saltwater values. These values are to be used as an initial screen. In the event of an exceedance of these values, one or all of the following actions will be undertaken as suitable:

    - Initiation of more detailed groundwater sampling and analysis
    - Installation of additional monitoring locations
    - Undertaking of revised source-pathway-receptor assessment
    - Temporary cessation of remediation works whilst revised safe working practices are devised

The remediation works are to be carried out in an “open-book” manner, and as such any decisions regarding the above will be communicated to the Environment Agency throughout the works.

Groundwater Sampling Methodology

We detail below the minimum requirements for obtaining groundwater samples from borehole monitoring wells located within minor aquifer at Durham Road Newport.

Groundwater purging should be carried out prior to taking groundwater samples in order to ensure that representative water sample are collected. The volume of water to be removed must be at least 5 well volumes. This should be calculated based on the known rest water level and base of well. Monitoring of field parameters will be required at key stages of the purging, as discussed below.

Install an appropriate length of clean Wattera tubing with an attached foot valve or use of bailer if required. Never use the same Wattera tubing/foot valve for more than one location. To purge the well, either use the automated pump or purge by hand. The footvalve should be located approximately equal distance between the rest water level and the base. Disturbance of sediment at the base of the borehole should be avoided. Purge the required volume of water to a suitable storage drum. No purged water should be discharged to the surrounding ground or public sewer/manholes etc.

Following purging, field indicator parameters (pH, dissolved oxygen (DO) conductivity and temperature) should be monitored and documented. This is carried out to ensure that the purging procedure is adequate and all stagnant water in the well has been removed. These parameters will begin to stabilise as purging proceeds and should stabilise completely at the end of purging. Field Indicator parameters should be measured and recorded twice for each purge volume removed (beginning and twice at end, 4^{th} and 5^{th} well volume to demonstrate stabilising of field indicator values). Water samples should not be taken until field indicator parameters have stabilised, which may require an extension of the monitoring period following purging to fully assess. Record observations of groundwater quality (this includes any odours and colour).

Extract further water directly into the laboratory provided sample bottles via the method as for purging (ie do not use a bailer as this will sample from the top of the water column and not at the depth of maximum recharging that is required). All samples are to be filtered on site to remove all sediment (dependant on individual laboratory requirements). Water samples should be packed securely in cool boxes. Although refrigeration is the best option for long term preservation for water samples, sample cooling to between 2^{o} and 5^{o}C in the absence of light is in most cases, sufficient to preserve the sample during transport to the laboratory and, for relatively short periods, prior to analysis

All purged water should be placed into temporary on-site storage for subsequent disposal. Storage containers should be sealed and appropriately labelled in a secure container. An approved reputable waste disposal company should be used and the correct waste transfer documentation obtained in line with the Duty of Care Regulations.

Reen monitoring

Where possible during the works two surface water samples from the Reen are to be monitored on a monthly basis during the PCB remediation works, and on a six-weekly basis during general construction works. Sampling locations indicated on Figure 102.

Air monitoring

During remediation works, air monitoring will be undertaken at weekly intervals in the locations indicated on Figure 102. This will consist of boundary monitoring of dust and asbestos, with the results informing the validation of the works and any requirements for reactive on-site management.

Land gas monitoring

The locations of land gas monitoring installations are indicated on Figure 102. Following completion of the geotechnical enabling works, land gas is to be monitored weekly for a period of three months.

Each monitoring visit is to consist of on-site measurement of carbon dioxide, carbon monoxide, methane, oxygen, hydrogen sulphide, atmospheric pressure and gas flow as a minimum. These results will provide information on the changing gas regime such that any impact the works have on the gas regime can be assessed and also provide data for the validation report.

Decommissioning of redundant boreholes

Any boreholes remaining on site that are not to be employed as monitoring wells shall be decommissioned. This can be done by grouting, or similar means, in order to remove the vertical conduit to permeability and land-gas flow that they represent. WYGE will compile a separate list of all the previous monitoring wells to be decommissioned. The Contractor's Method Statement for this element is to be agreed with WYGE prior to implementation.

Validation

All elements of the remediation works are to be monitored by WYGE. This monitoring will culminate in the production of a Validation Report for the works. All information shall be provided to the Engineer within three weeks of completion of the works for this purpose.

Table 1 – Groundwater sampling suite

Determinand
pH
Total phenols
Acenaphthene
Acenaphthalene
Anthracene
Benzo(a)anthracene
Benzo(a)pyrene
Benzo(b)fluoranthene
Benzo(k)fluoranthene
Benzo(g,h,i)perylene
Chrysene
Di-benzo(a,h)anthracene
Indeno(1,2,3-cd)pyrene
Fluoranthene
Fluorene
Naphthalene
Phenathrene
Pyrene
Arsenic
Cadmium
Chromium
Lead
Mercury
Nickel
Selenium
Benzene
Toluene
Ethylbenzene
Xylene
TPH (total)*
PCBs (total)**

* Testing to be expanded to speciated aliphatic/ aromatic hydrocarbons if detections occur.
** Testing to be expanded to speciated PCBs (7 congeners) if detections occur.

DO NOT SCALE: Contractor to check all dimensions and report any omissions or errors

NOTES:
1. THIS TOPOGRAPHICAL SURVEY AND NORWEST HOLST SITE INVESTIGATION INFORMATION HAS BEEN TRANSFERRED FROM THE INFORMATION PROVIDED BY INITIAL SURVEYS Dwg. No. 6002/A0 DATED 13:10:03 AS DETAILED BELOW.
2. THE SITE BOUNDARY HAS BEEN TRANSFERRED FROM THE INFORMATION PROVIDED BY WYG (CARDIFF) Dwg. No. A017242–700 DATED 25:08:03 AND IS SUBJECT TO CONFIRMATION.
3. THIS DRAWING AND SURVEY ARE TO ORDNANCE SURVEY DATUM 'BEST FIT ONLY'.

SITE BOUNDARY

EXISTING SEWER

EXISTING SEWER

CUTLINE

KEY:

- GROUNDWATER AND LAND–GAS MONITORING BOREHOLE SCREENED IN MADE GROUND.
- GROUNDWATER MONITORING BOREHOLE SCREENED IN OLD RED SANDSTONE.
- SURFACE MONITORING POSITION REEN
- EXAMPLE AIR MONITORING POSITIONS
- EXAMPLE DIRTY AREA

Rev	Description	By	Chk	App	Date

Client:

NORWEST HOLST CONSTRUCTION

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CF10 3DD

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White Young Green

Environmental Consultants

Civil Structural Mechanical Electrical Process Rail Traffic Environmental Project Management

Project:

PROPOSED SCHOOL & RESIDENTIAL DEVELOPMENT, LAND AT GLEBELANDS, NEWPORT

Drawing Title:

MONITORING INSTALLATIONS & EXAMPLE ENVIRONMENTAL CONTROLS PLAN

Scale at A2	Drawn By	Date	Checked By	Date	Approved By	Date
1:1000	PJ	28.04.08	RD	28.04.08	CBP	28.04.08

Project No.	Office	Type	Drawing No.	Revision
A042139	4406	ENV	102	00

APPROVAL ☐ INFORMATION ☒ TENDER ☐ CONTRACT ☐ CONSTRUCTION ☐

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Appendix E WYG Site Visit Reports

WYG Environment
5th Floor, Longcross Court, 47 Newport Road, Cardiff, CF24 0AD

DURHAM ROAD, NEWPORT
VALIDATION WORKS

SITE VISIT RECORD 1

Date:	Tuesday 17th June 2008	**General comments:** • Site induction and walkover with NHL • Cable percussive boring for BH601 & BH602. • Baseline air monitoring.
Duration of visit:	0800 – 1600	
Weather:	Clear / Sunny	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Site induction and site walkover.	Full site induction for WYGE, NHSED and JD Drilling by Norwest Holst Limited (NHL). Site walkover lead by NHL to discuss location of boreholes and monitoring locations for air monitoring and surface water monitoring points. Some locations moved from those indicated on original plan to improve access and coverage of the site.	WYGE are satisfied the new locations provide adequate coverage of the site boundaries.
Cable Percussive Drilling of Borehole BH601. (JD Drilling)	Location marked out by NHL and cleared for services using CAT. Permit to work issued to NHSED coving all borehole locations across the site. Hand dug pit excavated to 1.2 m. No services identified. Borehole installed to base of made ground (2.2 m), perched groundwater from 2.0 m.	WYGE are satisfied operations were carried out following procedures outlined in method statement.
Baseline air monitoring.	Baseline air / asbestos monitoring undertaken by Mainstream at three marked locations across the site.	Baseline data taken prior to start of excavations on site.
Cable Percussive Drilling of Borehole BH602. (JD Drilling)	Location marked out by NHL and cleared for services using CAT, hand dug pit to 1.2 m – no services identified. Borehole installed to base of made ground (2.8 m)	WYGE are satisfied operations were carried out following procedures outlined in method statement.
Works to reen	Newport City Council (NCC) workers on site clearing reen to aid drainage. Works were instructed and undertaken by NCC by operatives were inducted by NHL to carry out works in site.	

WYG Environment
5th Floor, Longcross Court, 47 Newport Road, Cardiff, CF24 0AD

DURHAM ROAD
VALIDATION WORKS

SITE VISIT RECORD 2

Date:	Wednesday 17th June 2008	**General comments:** – Boreholes BH603 and BH604 installed. – Fencing erected around half of area due for excavation of PCB contaminated waste.
Duration of visit:	0800 – 1600	
Weather:	Wet / Heavy Showers	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Cable Percussive Drilling of Borehole BH603. (JD Drilling)	Location marked and cleared for serviced by NHL. Hand dug pit to 1.2 m – no services identified. Borehole drilled to 3.4 m (base of made ground at 2.4 m). 1m sump installed into alluvium of plain pipe and bentonite surround to aid collection of water samples.	WYGE are satisfied operations were carried out following procedures outlined in method statement.
Cable Percussive Drilling of Borehole BH604. (JD Drilling)	Location marked and cleared for serviced by NHL. Hand dug pit encountered concrete obstruction. Location of borehole moved approx 2 m east of original location and re-scanned for services. Borehole drilled to 3.3 m (base of made ground at 2.3 m). 1m sump installed into alluvium of plain pipe and bentonite surround to aid collection of water samples.	WYGE are satisfied operations were carried out following procedures outlined in method statement.
Erection of fence line around dirty area.	Landclean on site to erect fence line around area for excavation of PCB contaminated waste. Heras type fencing.	To be completed prior to works commencing.

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DURHAM ROAD
VALIDATION WORKS

SITE VISIT RECORD 3

Date:	Thursday 19th June 2008	**General comments:** • Drilling of boreholes BH605, BH606 and BH607 (cable percussive) • Rotary drilling of BH606a
Duration of visit:	0810 – 1430	
Weather:	Dry	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Cable Percussive Drilling of Borehole BH605. (JD Drilling)	Location marked and cleared for serviced by NHL. Hand dug pit to 1.2 m – no services identified. Borehole drilled to 3.5 m (base of made ground at 2.4 m). 1.1 m sump installed into alluvium of plain pipe and bentonite surround to aid collection of water samples. No water identified during drilling.	WYGE are satisfied operations were carried out following procedures outlined in method statement.
Cable Percussive Drilling of Borehole BH606. (JD Drilling)	Location marked and cleared for serviced by NHL. Hand dug pit to 1.2 m – no services identified. Borehole drilled to 2.6 m (base of made ground at 1.6 m). 1 m sump installed into alluvium of plain pipe and bentonite surround to aid collection of water samples.	WYGE are satisfied operations were carried out following procedures outlined in method statement.
Cable Percussive Drilling of Borehole BH607. (JD Drilling)	Location marked and cleared for serviced by NHL. Hand dug pit to 1.2 m – no services identified. Borehole drilled 1 m into alluvium with 1 m sump installed into alluvium of plain pipe and bentonite surround to aid collection of water samples.	WYGE are satisfied operations were carried out following procedures outlined in method statement.
Rotary Drilling of BH604a (Tor Drilling)	Drillers inducted by NHL. Location cleared for services by NHL and hand dug pit dug to 1.2 m. Open hole to 11.8 m. Insufficient casing to progress through alluvium. Drilling halted until casing is provided.	On going activity.

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5th Floor, Longcross Court, 47 Newport Road, Cardiff, CF24 0AD

DURHAM ROAD
VALIDATION WORKS

SITE VISIT RECORD 4

Date:	Friday 20th June 2008	**General comments:** – Completion of drilling boreholes and groundwater monitoring installations. – Baseline gas readings obtained. – Breakout highlighted to NHL as a potential result of NCC works to clear reen.
Duration of visit:	0800 - 1740	
Weather:	Dry / sunny	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Cable Percussive Drilling of Borehole BH608. (JD Drilling)	Location cleared of served by NHL and hand dug pit to 1.2 m. No services identified. Drilled to 2.4m, with 1 m sump installed into alluvium. Flush covers installed in all locations.	WYGE are satisfied operations were carried out following procedures outlined in method statement.
Rotary Drilling of BH604a (Tor Drilling)	Location re-drilled with casing through alluvium. Base of alluvium identified at 11.8 m, drilled and installed to 13.8m. 2 m response zone in sandstone.	WYGE are satisfied operations were carried out following procedures outlined in method statement.
Rotary Drilling of BH606a (Tor Drilling)	Location cleared for services by NHL. Hand dug pit to 1.2 m, no services encountered. Drilled to 12.9m (3m response zone). Flush covers installed in both locations.	WYGE are satisfied operations were carried out following procedures outlined in method statement.
Discussion regarding observed breakout in reen.		WYGE suggest soil and surface water samples are obtained and analysed to provide information on nature of breakout. EA and NCC to be informed of occurrence.
Baseline landgas monitoring	Landgas monitoring of all borehole locations undertaken by NHSED. Deeper boreholes flushed of drilling fluid prior to monitoring (due 23rd June)	WYGE are satisfied operations were carried out following procedures outlined in method statement.

WYG Environment
5th Floor, Longcross Court, 47 Newport Road, Cardiff, CF24 0AD

DURHAM ROAD
VALIDATION WORKS

SITE VISIT RECORD 5

Date:	Monday 23rd June 2008	**General comments:** - Baseline groundwater samples obtained - Baseline surface water samples obtained including additional 1 No. sample
Duration of visit:	0830 – 1900	
Weather:	Dry / sunny	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Landclean present on site	Heras fencing surrounding 'red zone' completed and Solus decontamination unit provided by Enviroguard delivered to site and installed. 360 degree excavator segregated on site within fence line for excavation. General walkover to discuss works with Landclean, WYGE and Bill Baker.	Preparation of site prior to excavation following procedures outlined in method statement.
Baseline groundwater samples	All monitoring locations purged five well volumes based on current groundwater levels (where 5 well volumes are not capable boreholes are purged to dry). Water is collected in secure 5 gallon containers and disposed of into dirty water bowser stored on site. Field parameters observed a three intervals until results have stabilised. Two 1 litre samples obtained in glass jars and labelled. Samples are stored in cool boxes with ice blocks before collection by courier.	WYGE are satisfied that the procedures undertaken are in accordance with groundwater collection specification.
Baseline surface water samples.	Two 1 litre samples obtained from two monitoring locations along reen running across the site. Locations marked out by NHL and identified by marker peg.	WYGE are satisfied that procedures conform to surface water monitoring specification.
Additional monitoring of surface water body (reen)	One additional surface water sample (2 x 1 litre glass bottles) and one soil sample from banks of reen obtained at the point of leachate breakout by NHSED. EA present on site to observe nature of breakout and to collect surface water and soil samples from reen.	Additional samples carried out to assess the nature of the leachate breakout. Works are in addition to methodology outline by WYGE specification.

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SITE VISIT RECORD 6

Date:	Tuesday 24th June 2008	**General comments:** - Excavation of TP912, - First round of air monitoring during PCB removal - Excavation of TP634 / TP902
Duration of visit:	0800 - 1700	
Weather:	Dry / sunny	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Excavation of TP912	Excavation approximately 5 m by 5 m with all excavated soil placed on plastic to prevent contamination to underlying soils. Small drum (40 cm by 25 cm) with red brown tar like substance and cohesive white residue. Drum found in southern extent of excavation at 2.1 m. Drum and surrounding 1 m^3 excavated and placed in tonne bags for disposal. Remaining material excavated and stockpiled separately to other stockpiles. Final excavation depth 2.4 m. Validation samples obtained from faces A – E and from two stock piles (material above drum and material surrounding and below drum). Samples consist of one amber jar of material obtained as a representative sample of face or stockpile. Two 1 litre samples obtained from groundwater in base of excavation. Excavation left open awaiting test results.	WYGE are satisfied that the excavation of material and validation testing was carried out according to procedure outlined in method statement.
Air monitoring	First round of air / asbestos monitoring undertaken in three monitoring locations across the site since the start of the excavations.	Weekly air monitoring as outlined in method statement.
Re-sampling of groundwater and surface water locations.	Due to breakages during transit, boreholes BH601, BH602, BH604, BH606a and surface water monitoring location SM1 re-sampled. Boreholes purged and collected as outlined in sampling specification.	Although samples should represent pre-works levels WYGE are satisfied the samples were taken sufficiently early to still be representative of pre works conditions.

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SITE VISIT RECORD 6

Current activities on site	Details	WYGE comment
Excavation of TP634 / TP902	Due to close proximity of trial pits, one 'L' shaped excavation is outlined to include both locations. TP634 excavated initially, ground level has been raised by 0.4m by topsoil on northern half of excavation. Turf layer identified below. Quantities of corrugated metal sheeting from 1.5 m and galvanised water tank at 1.4 m (empty). 5 gallon drum identified in southern extent of excavation. Drum and surrounding material bagged for removal off site and other material 3 m^3 placed on separate stockpile. Excavation extended southwards into TP902.	On going activity.

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SITE VISIT RECORD 7

Date:	Wednesday 25th June 2008	**General comments:**
Duration of visit:	0815 - 1500	- Further excavation of TP634 / TP902
Weather:	Overcast / showers	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Continuation of excavation of TP634 / TP902	Large drum (45 gallon) with red brown grease with second drum below at 1.8 m. Multiple drums located in western extent of TP902, majority of drums contain red brown grease with low viscosity. Ten drums excavated so far and bagged for removal from site with surrounding material. Adjacent material placed in separate stockpile for validation.	On going activity.
General site house keeping	General works on site to relocate bags and re-distribute weigh where necessary. No further excavations on site.	

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SITE VISIT RECORD 8

Date:	Thursday 26th June 2008	**General comments:** - Further excavation of material from TP902 and TP911. - First round of groundwater monitoring collected from monitoring wells.
Duration of visit:	0730 – 1715	
Weather:	Cloudy / mostly dry	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Continuation of TP902	Two further drums removed from TP902 and placed in bags for disposal off site as well as surrounding material. Further works stopped due to lack of bulk bags.	On going activity.
Groundwater monitoring	First round of groundwater monitoring after start of excavations. Each borehole monitoring location purged for five well volumes or to dry. Purged water collected and stored in dirty water bowser on site. Two 1 litre glass bottles collected from each borehole with the exception of BH605, BH606 and BH607 where there are insufficient samples for collection.	WYGE are satisfied that groundwater samples collection was undertaken following procedures outlined in the monitoring specification.
Fibrous asbestos identification	Due to the potential identification of fibrous asbestos in material excavated from TP902, works are halted at this location until identification (samples collected for identification). Appropriate RPE issued to all personnel working in excavation area.	WYGE consider no further works should be carried out in current excavation until identification of material has been made and operational procedures put in place.
Excavation of TP911.	Topsoil removed and place to one side with vegetation cover. Material excavated and deposited onto plastic. Arisings are predominantly rubble and reinforced brickwork. Excavated to a depth of 1.4m (as previous excavation in this location) with no sign of any drums or PCB contaminated waste. Very little material for validation purposes. Basal (Face E) sample only obtained.	WYGE are satisfied that ground conditions such that excavation can be backfilled prior to validation of samples and without a full suite of validation samples.

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SITE VISIT RECORD 9

Date:	Friday 27th June 2008	**General comments:**
Duration of visit:	0750 - 1400	Excavation of material from TP914 and preparation for material to be removed from site.
Weather:	Overcast / occasional showers	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Excavation of TP914	Hardstanding over black sandy gravely clay. Electrical cable with warning tape identified running north to south in the eastern edge of the excavation. Five drums removed from southern extent (further drums identified but not removed at this point). Drummed material and surrounding soil excavated and placed in tonne bags for disposal off site.	On going activity.
Preparation of excavated material for loading onto lorry (due Monday 30th)	Bags are weighed and material redistributed to produce bags with no more than 350 kg in each bag.	

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SITE VISIT RECORD 10

Date:	Monday 30th June 2008	**General comments:**
Duration of visit:	0750 – 1710	First lorry load of material removed from site for disposal. Further excavation of material from TP914.
Weather:	Overcast / mostly dry	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Loading and removal of bagged waste by haulier.	37 bags stacked on pallets (layered two high where possible) material secured by tarpaulin before leaving site. Bags lifted into position using excavator using chains linked to handles on bags. Waste transfer records signed off by NHL.	
Excavation of TP914	Continuation of excavation of material. Stockpile relocated by excavator to allow extension of excavation southwards. A further 17 drums excavated and placed in bags with surrounding material. Drums are typically in poor condition and most containing red brown grease.	On going activity

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SITE VISIT RECORD 11

Date:	Tuesday 1st July 2008	**General comments:** • Excavation of material from TP655a and collection of validation samples. • Excavation of material from TP635a.
Duration of visit:	0800 – 1700	
Weather:	Clear / sunny	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Excavation of TP914	Free product on surface of perched water. Oil absorbent pads placed in excavation to remove product before further excavation.	WYGE consider the need to control free product as very important to limit the degree of cross contamination and transportation of contamination via the perched water body.
Backfilling TP911	Due to lack of samples obtained from excavation and as discuss in meeting on 27th June 2008, trial pit is backfilled to ground level using arisings.	WYGE agree backfilling can go ahead due to the lack of potentially contaminated material.
Excavation of TP655a	3 m by 3 m excavation opened. One fragmented drum in north west corner of excavation (0.9 m to 1.2 m) containing black / dark brown brittle bitumen type material. Second drum also excavated containing mixture of red brown grease and bitumen type material. Drums and surrounding material excavated and placed in bags. With remaining material stock piled separately. Four faces of excavation and base sampled and two 1 litre water samples obtained from perched water. Excavation left open awaiting results.	WYGE satisfied there is no evidence of further drums in excavation. Validation samples obtained according to methodology.
Excavation of TP635a	3m by 3m excavation marked and excavated. Two drums removed with red brown grease like substance inside. Further excavation required.	Ongoing activity

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SITE VISIT RECORD 12

Date:	Wednesday 2nd July 2008	**General comments:** - Further excavation of material from TP635a, - Additional surface water samples obtained from two original monitoring positions as well as four additional locations.
Duration of visit:	0800 - 1730	
Weather:	Overcast	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Excavation of TP635a	Continuation of excavation. Three further drums removed and surrounding material excavated and placed in tonne bags for removal from site.	On going activity.
Weighing of bagged material	Previously bagged material is weighed to ensure weight limit below 350 kg limit. Material redistributed where needed. Bagged stockpiled near to loading point for lorry.	Works required to prepare for lorry collection due Friday 4th.
Surface water monitoring	Surface water samples SM1, SM2 and SM3 retaken to confirm results obtained previously. Additional samples SM4, SM5, SM6 from eastern boundary of site also taken to confirm conditions of the reen at all point across the site. Sheen on breakout still observed and also identified in northern most area of site.	Additional samples obtained outside the basic requirement of the monitoring specification.

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SITE VISIT RECORD 13

Date:	Thursday 3rd July 2008	**General comments:** - Weekly groundwater monitoring undertaken on site.
Duration of visit:	0800 - 1630	
Weather:	Cloudy, occ showers	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Groundwater monitoring	Second round of groundwater sampling after start of excavation of PCB contaminated material. All boreholes purged for five well volumes or to dry prior to sampling. Records of field parameters also recorded. Purged water stored securely on site and samples collected in two 1 litre glass bottles. Samples obtained from all wells with the exception of BH605 and BH606 where there was insufficient groundwater to sample and BH607 where only 1 litre samples was obtained. Samples were packed in cool boxes before dispatch to laboratory via courier.	WYGE are satisfied that samples were obtained following procedures outlined in the methodology.
General house keeping	Moving stockpile on site to allow geophysical survey of northern section of site. Stockpiles kept intact and labelled in the new location to ensure chain of custody of material.	WYGE are satisfied that the process was carried out following the outlined methodology.

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SITE VISIT RECORD 14

Date:	Friday 4th July	**General comments:** - Second lorry load of material removed from site - Geophysical survey undertaken in northern section of the site.
Duration of visit:	0750 - 1700	
Weather:	Sunny hot	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Removal of material from site for disposal	Second lorry load of material removed from site with a total of 43 bags of material. Bulk bags placed in plastic liner bags where product was identified as having leached through the material of the bag.	
Geophysical survey of northern sections	Geophysical survey undertaken by Terradat in the northern part of the site to identify potential areas which require further investigation. 2 m grid set out on site and survey undertaken using a hand towed magnetometer.	
Excavation of TP914	Continued excavation of TP914. One additional drum identified and removed along with surrounding soil, but due to the identification of solvent vapours within the soil matrix works were halted until breathing apparatus is soursed. PID readings indicated a maximum level of 103ppm.	Ongoing activity.
Validation of TP912	Results indicate that samples obtained from faces of the excavation in TP912 are all below the site specific RTVs in terms of PCBs. All associated stockpiles are also shown to have levels of PCB below the RTV for the site. The excavation is backfilled with arisings to include the area for inclusion in the geophysical survey.	WYGE are satisfied that all laboratory results are below the site specific RTVs.
Excavation of TP635a	Excavation extended to the east and west by removing surface material and stockpiling on site.	On going activity.

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SITE VISIT RECORD 15

Date:	Monday 7th July 2008	**General comments:**
Duration of visit:	0750 - 1530	
Weather:	Sunshine and showers	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Excavation of TP635a	Additional 14 drums removed along with surrounding material. Many fragmented and containing red brown grease like substance. Layer of slate waste immediately above alluvium also shown to be cross-contaminated with red brown grease and as such is removed and bagged for disposal.	On going activity.

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SITE VISIT RECORD 16

Date:	Tuesday 8th July 2008	**General comments:** - Continued excavation of TP635a. - Movement of fence line in red zone to reflect area cleared by geophysical survey.
Duration of visit:	0745 – 16.30	
Weather:	Sunshine and occ. showers	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Excavation of TP635a	Additional 7 drums removed from the excavation along with surrounding soils. Further drums identified for future removal.	Ongoing activity.
Results of geophysical survey.	Geophysical survey indicates no new anomalies which require investigation. Fence line moved to allow construction works to continue in this cleared area.	WYGE are satisfied that the results indicate no further need for excavation in this cleared area.
Asbestos air monitoring.	Regular weekly air monitoring on site in three locations. In addition to this personal monitoring of LandClean personnel. No asbestos identified.	Weekly monitoring as outlined by monitoring specification.

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SITE VISIT RECORD 17

Date:	Wednesday 9th July 2008	**General comments:**
Duration of visit:	0745 – 1045	Works limited by weather conditions. Time used to weigh bags and redistribute material.
Weather:	Heavy rain	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
	Due to heavy rainfall no excavations are possible so time is spent redistributing material to prepare for bags being removed from site.	
Removal of asbestos	Asbestos material identified in bagged waste removed by LandClean under the instruction of NHL. Method statement for dealing with further asbestos is issued.	

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SITE VISIT RECORD 18

Date:	Thursday 10th July 2008	**General comments:** - excavation and revalidation of TP655a after failures of faces A and D - Excavation of TP635a - Weekly groundwater monitoring.
Duration of visit:	0745 – 1700	
Weather:	Sunshine and showers	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Further excavation of TP655a	Due to failures of face A and D of TP655a validation results the excavation was extended by approximately one bucket width of the excavator. One additional drum removed from Face D, this material bagged for removal from site. New validation samples obtained for Faces A and D after excavation. Stockpiles S01 and S02 also failed and will be split and retested to identify extent of the contamination.	Extension of excavation was carried out to obtain further validation samples. WYG are satisfied further excavation was carried out in accordance with the methodology.
Groundwater monitoring	All boreholes purged to dry or for five well volumes. Two litre samples obtained for all except BH605 (1 litre only) and BH606 (insufficient recharge to allow sampling.	WYG are satisfied that groundwater samples were obtained in accordance with the methodology.
Excavation of TP635a	Excavation extended northwards. Approximately 23 additional drums removed. Many fragmented. Many containing black viscous material and black brittle bituminous material. Drums and surrounding material excavated and bagged for disposal. Further drums still require removal.	On going activity.

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SITE VISIT RECORD 19

Date:	Friday 11th July 2008	**General comments:** - Excavation of TP635a - Sampling of stockpiled material on site.
Duration of visit:	0750 – 1530	
Weather:	Wet, heavy showers	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Further excavation of TP635a	Four further drums removed and bagged with surrounding material. Works stopped to allow movement of bags and fenceline.	On going activity.
Validation sampling of stockpiles.	In order to speed up progress on site and allow clearance of areas and to free up space NHL instructed testing of individual stockpiles. Each stockpile on site was tested and representative validation samples obtained. Each stocklpile is labelled prior to testing.	WYG consider this to be in addition to the testing required in the specification but agree the need to ensure effective progress on site. Additional material excavated on site will need to be stockpiled separately and tested separately.

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SITE VISIT RECORD 20

Date:	Monday 14th July 2008	**General comments:**
Duration of visit:	0800 – 1330	Day spent weighing and moving bags on site.
Weather:	Overcast	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
	Bagged waste on site weighed and reloaded where needed and moved to a general storage area prior to removal from site.	

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SITE VISIT RECORD 21

Date:	Wednesday 16th July 2008	**General comments:**
Duration of visit:	0745 – 1630	
Weather:	Clear and sunny	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Activities for Tuesday 15th	SL not on site on the 15th July. Works solely to move and re-distribute material to comply with weight limits. Water storage tank (28m^3) delivered to site and installed to allow pumping.	
Excavation of TP635a	Extension of excavation northwards to join TP902 / TP634. Materail from ground level to top of drums removed and stockpiled on site. Approximately 15 drums removed. Works stopped to move bags on site.	On going activity.

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SITE VISIT RECORD 22

Date:	Thursday 17th July 2008	**General comments:** - Further excavation of large excavation on site - Weekly groundwater monitoring.
Duration of visit:	0750 – 1700	
Weather:	Cloudy	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Excavation of TP635a / TP902 / TP634	Area bridging TP635a / TP902 continued to the excavated. Multiple drums, typically with red brown grease (21 drums removed). Drums and surrounding material excavated and placed in bags and stored on site. Perched water pumped to on site storage tank.	On going activity.
Ground water monitoring	All locations purged 5 well volumes or to dry. Purged water transferred to secure containers before being disposed of to dirty water bowser. Two litre samples obtained from all locations with the exception of BH606 (purged to dry with no recharge). Samples labelled and packaged for dispatch to courier.	WYG are satisfied that groundwater samples were obtained following procedures outlined in the monitoring specification.

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SITE VISIT RECORD 23

Date:	Friday 18th July 2008	**General comments:**
Duration of visit:	0740 – 1710	Further excavation of material from TP914.
Weather:	Cloudy	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Excavation of TP914	Perched water pumped from the excavation to onsite storage facility. Continual pumping is required to ensure the hole remains dry. Material from the base of the excavation is cleared and stockpiled in new stockpiles. More drums are identified in the southern and eastern extent of the excavation. Excavation halted due to the lack of storage space for the water pumped from the excavations (tank full).	On going activity. Unable to continue until perched water is removed from the base of the excavation.

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SITE VISIT RECORD 24

Date:	Monday 21st July 2008	**General comments:** Excavation of TP908 and TP616.
Duration of visit:	0740 – 1700	
Weather:	Sunny, hot.	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
	Works now progressing on site with two 360° excavators and four workmen to enable more efficient handling of material.	This should now allow continual excavation on site.
Excavation of TP908	Due to the lack of water storage capacity for removing water from other excavations, new excavations are started (TP908). Material from ground level to the depth of the drums is removed and stockpiled on site on plastic. One metal water tank identified with no sign of drums or PCB product in excavations. Limited perched water and waste identified as being predominantly domestic in origin. Validation samples obtained from Faces A – D and base (Face E) and samples also from stockpiled material.	WYG not satisfied area excavated was as described previously. But considering excavations are scheduled north and south of the current location will review the need to excavate further once surrounding areas are complete.
Excavation of TP616	Area marked out and scanned with a CAT. Surface material excavated and stockpiled. 17 drums removed and placed in bags with surrounding material. Wooden railway sleepers identified in base of excavation.	On going excavation.

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SITE VISIT RECORD 25

Date:	Tuesday 22nd July 2008	**General comments:**
Duration of visit:	0745 – 1630	Continued excavation of TP616.
Weather:	Clearing to hot / sunny	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Excavation of TP616	Continuation of excavation. 18 drums removed and place into bags as well as surrounding material. Excavation extended to join the southwest corner of TP908. More drums are identified to be removed.	On going activity.

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SITE VISIT RECORD 26

Date:	Wednesday 23rd July	**General comments:**
Duration of visit:	0740 – 1730	Continuation of TP616.
Weather:	Cloudy, clearing later	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Continuation of TP616	A further 28 drums removed from the excavation with surrounding material and bagged.	Ongoing activity.

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SITE VISIT RECORD 27

Date:	Thursday 24th July	**General comments:** Weekly groundwater monitoring Continuation of TP616
Duration of visit:	0735 – 1700	
Weather:	Sunny, hot	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Continuation of TP616	A further 10 drums removed from the excavation (area adjoining TP908 and TP616). Excavation extended westwards with surface material stockpiled separately on site for testing.	On going activity
Groundwater monitoring	Groundwater monitoring undertaken in all locations following the methodology set out in the specification document. Purged water stored in a secure bowser on site prior to disposal. Five well volumes purged (or to dry) and filed parameters monitored. Two litre samples obtained from all locations with the exception of BH601, BH602 (disturbance in general area – no sample) BH604 (1.5 litres only) BH605, BH606, BH607 (insufficient recharge to sample).	WYG satisfied that samples were obtained following procedures set out in the monitoring specification.

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SITE VISIT RECORD 28

Date:	Friday 25th July 2008	**General comments:**
Duration of visit:	0745 – 1640	
Weather:	Heavy showers	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Validation of stockpiles on site	Sample results indicate a number of stockpiles are suitable for re use on site. Material moved to one large stockpile on site for future reuse.	WYG satisfied that stockpiles are suitable for use on site.
Validation of TP955a	Re-tests of Faces A and D show a clean excavation and is clear for back filling. Backfilled with stockpiles from TP635a S05 and TP914 S02 (previously cleared for reuse).	WYG satisfied that excavation has been validated and stockpiles are suitable fro reuse on site.
Air monitoring	Weekly air monitoring present on site (delayed from scheduled for Tuesday monitoring date).	
Classification of bags on site	Bagged material to be segregated into Red for visually contaminated material and yellow for no visual contamination but excavated from area in immediate area of drums. 'Yellow' bags to be sorted into groups of 10 and tested as a stockpile to identify suitability for disposal via landfill.	WYG satisfied with procedure with the assurance that material is shown to be suitable for final disposal.

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SITE VISIT RECORD 29

Date:	Monday 28th July	**General comments:**
Duration of visit:	0745 – 1645	Excavation of TP905.
Weather:	Hot / Sunny	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Excavation of TP905	Surface material removed from a 3m by 3m excavation and stockpiled on site for testing. Western half of the excavation predominantly drums and rubble. Eastern half – no drums identified. Excavation extended up to TP908 through removing surface material to find the southern extent of the drums.	On going activity.

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SITE VISIT RECORD 30

Date:	Tuesday 29th July 2008	**General comments:** - Excavation of TP905 to create one large excavation (TP634 to TP616) - Sampling of stockpiles on site.
Duration of visit:	0800 – 1730	
Weather:	Overcast / showers	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Stockpiles sampled	Samples obtained from TP905 SO1 and TP616 SO1 for validation purposes. Samples are representative of each stockpile.	WYG satisfied sampling was undertaken following the methodology set out in the method statement.
Excavation of TP905.	Surface material from the region between TP905 and TP635a removed to create one large excavation running from TP634-TP902-TP635A-TP905-TP908-TP616. Drums are identified along the length of the excavation. Approximately 37 drums removed and bagged along with surrounding material and marked as red / yellow on excavation.	On going activity.
TP655a stockpiles resampled.	Stockpiles previously failing the RTVs are spilt and retested to identify areas possibly suitable for disposal via landfill or reuse on site. The three stockpiles are split into six smaller piles.	Individual stockpiles will be judged on the outcome of this set of data in an effort to minimise the volumes being disposed of via the incinerator.

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SITE VISIT RECORD 31

Date:	Wednesday 30th July 2008	**General comments:** - Surface water monitoring - Excavation of TP905 - Sampling from yellow material.
Duration of visit:	0750 – 1730	
Weather:	Wet, showers	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Surface water sampling.	SM1 and SM2 sampled. Two 1 litre samples obtained according to monitoring specification. Water samples also taken directly from TP635a, TP616, and TP914 for disposal purposes.	WYG satisfied the samples were obtained following monitoring specification.
Excavation of TP905	An additional 4 drums have been removed and material bagged.	On going activity.
Sampling of bagged material from TP635a	Bagged material classified as 'yellow' (no visual contamination) grouped in to groups of 10 bags with a representative sample obtained from each group of bags. (G01 – G05) for testing.	WYG satisfied this follows the new methodology outlined in addendum

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SITE VISIT RECORD 32

Date:	Thursday 31st July 2008	**General comments:** Weekly groundwater monitoring Collection of 44bags by Grundons. Further excavation of TP905.
Duration of visit:	0740 – 1720	
Weather:	Overcast	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Groundwater monitoring	Five well volumes purged and field parameters recorded. Two litres obtained from each borehole with the exception of - BH604 – 1 well volume only purged (2 litre sample obtained) - BH605 – 1 litre sample (no purging) - BH606 – dry - BH607 – 2 litre sample obtained – no purging.	WYG satisfied samples were obtained using appropriate methodology.
Material removed from site (Grundons)	44 bags removed from site, loaded onto pallets (stacked two high) and secured before leaving.	
Excavation of TP905	Removal of additional 15 drums and surrounding material, generally from the area between TP905 and TP635a.	On going activity.

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SITE VISIT RECORD 33

Date:	Friday 1st August 2008	**General comments:**
Duration of visit:	0800 – 1700	Moving bags on site
Weather:	Overcast, showers	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Moving bags on site.	Moving and segregating bags on site classed as Red and Yellow to allow samples to be obtained for further assessment.	

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SITE VISIT RECORD 34

Date:	Monday 4th August 2008	**General comments:**
Duration of visit:	0745 – 1730	
Weather:	Occasional showers	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Excavation of TP913	Surface material removed and stockpiled on site. Excavation extended to join TP616 (part of large excavation). Six drums removed, many in poor condition with red or black grease like material. Very rapid inflow of water with sheen on the surface.	On going activity.
'Yellow Bag' Sampling.	Bags from TP635a, TP914, TP905 and TP616 grouped in batches of 10 and representative samples obtained to identify suitability for disposal via landfill.	Activities carried out following amended methodology outlined by NHL
Validation samples	Results obtained for bags from TP914. 5 groups below RTVs, 4 suitable for landfill. Remainder classed as RED and identified as disposal via incinerator.	WYGE satisfied that material has been appropriately classified and disposed of.

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SITE VISIT RECORD 35

Date:	Tuesday 5th August 2008	**General comments:**
Duration of visit:	0800 – 1600	
Weather:	Very wet	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Yellow bag samples	TP616 bags sampled in groups of 10	WYGE satisfied with sampling procedure
Validation samples	Samples from TP905 S01 and TP616 S01 confirmed as having levels of PCBs below RTVs	

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SITE VISIT RECORD 36

Date:	Wednesday 6th August	**General comments:**
Duration of visit:	0750 – 1730	
Weather:	Overcast, clearing later	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Loading drums with material	Drums loaded from bagged material for disposal to Veolia incinerator in Ellesmere Port.	

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SITE VISIT RECORD 37

Date:	Thursday 7th August 2008	**General comments:**
Duration of visit:	0750 – 1810	
Weather:	Clear	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Groundwater monitoring	Groundwater samples obtained. Purged water stored on site in a secure location. Each location purged five well volumes or to dry, with 2 litre samples obtained and field parameters recorded. With the exception of; BH604 – 1 well volume only purged. BH605 / BH606 – Dry, no samples BH607 – purged to dry in the 6th Aug and 2 litres sampled.	WYGE satisfied that the sampling was carried out following agreed methodologies.
Filling drums from bagged material.	First lorry load filled and removed from site. 80 drums removed.	WYGE satisfied the process was carried out following methodology.
Validation samples	TP908 S01, TP914 S05 and TP635a S04 all cleared to stay on site.	WYGE satisfied that material is suitable to remain on site.

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SITE VISIT RECORD 38

Date:	Friday 8th August 2008	**General comments:**
Duration of visit:	0930 – 1700	
Weather:	Clear	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Validation results	TP635a G06, G07 cleared for potential landfill disposal. TP914 G01, G02 classed as red and to be disposed of via incinerator.	WYGE marked outcome of material appropriately and are satisfied the classifications are following the updated methodology.
TP913	Surface material removed as excavations are extended westwards. Material removed to identify the extent of the drums within the ground. Material stockpiled on site.	On going activity.

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SITE VISIT RECORD 39

Date:	Monday 11th August 2008	**General comments:**
Duration of visit:	0745 – 1635	
Weather:	Clear occasional showers	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Filling drums with soil	Lorry due for collection 22 pallets (88 drums) filled with soil for disposal via incinerator.	WYGE satisfied activities comply with methodology.
Validation results received	TP913 S01, S02 classed as clean and suitable for reuse on site. TP655a S01a, S02a, S02b, S04b all failed and require disposal via incinerator. S02c and S04a possibly suitable for disposal to landfill. TP913 S02, S03 classed as clean, TP653a S02 – failed and requires disposal via incinerator.	

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SITE VISIT RECORD 40

Date:	Tuesday 12th August	**General comments:**
Duration of visit:	0800 – 1600	
Weather:	Sunshine and showers	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Loading drums with soil	All drums on site are loaded with material for removal on Wednesday.	
Air monitoring	Weekly air monitoring. Three previously marked out locations monitored.	

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SITE VISIT RECORD 41

Date:	Wednesday 13th August 2008	**General comments:**
Duration of visit:	0800 – 1500	
Weather:	Heavy showers	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Filling drums with soil	Due to heavy rain, works are limited to filling drums in preparation for the lorry leaving site at the end of the day.	WYGE satisfied that works are carried out in accordance with outlined methodology.

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SITE VISIT RECORD 42

Date:	14th August 2008	**General comments:** • Ground Water monitoring • Clearing site and filling drums with soil for removal
Duration of visit:	0815- 1710	
Weather:	Sun & Showers	
Visiting engineer:	Sian Thomas	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Filling drums on site	Due to limited space and awaiting waste water removal, works are limited on site to filling drums in preparation of lorry pickup at end of the day.	WYG satisfied works are carried out following methodology.
Ground Water Monitoring	5 wells volumes purged and field parameters recorded, waster stored in drums before disposal 2 x 1 litre samples obtained	WYG satisfied works are carried out following methodology.

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SITE VISIT RECORD 43 to 52

Date:	15th August - 1st September	**General comments:**
Duration of visit:	10 days	Continued loading of material into drums from removal of material from site.
Weather:	Predominantly dry	
Visiting engineer:	Sian Thomas	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Land Clean	

Current activities on site	**Details**	**WYGE comment**
Bunded skip constructed.	Open skip brought to site and placed in a bunded area underlain by heavy duty plastic to ensure all material is contained.	Skip now to be used to empty bagged material and allow excavated drums to be compacted and placed in new drums for removal from site.
Filling drums with excavated material.	Drums continued to be filled from material in bags.	On going process.
Excavation of TP913	Ongoing excavation of TP913, removal of additional 4 drums and surrounding contaminated material.	On going process.
Excavation of TP914	Further excavation of material and drums from TP914. Additional 28 drums removed from excavation and placed in skip for crushing and loading into drums.	Ongoing process.
Excavation of TP635a	Further 20 drums removed from excavation and placed in skip for removal.	Ongoing process.

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SITE VISIT RECORD 53

Date:	Tuesday 2nd September 2008	**General comments:**
Duration of visit:	0800 – 1715	
Weather:	Sunshine / showers	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Site handover	General site handover between ST and SL and update on progress in previous two week period.	
Sampling	Samples taken from TP914 S05 and TP913 G01 to G04 (potentially clean material). WAC tests also carried out on material potentially suitable for disposal to landfill. Samples taken from stock piles and also bagged material previously classified as yellow.	
Filling drums	Bags emptied into large skip and drums separated from soil. Drums are crushed and placed inside new drums.	

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SITE VISIT RECORD 54

Date:	Wednesday 3rd September	**General comments:**
Duration of visit:	0825 – 1340	
Weather:	Heavy rain	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
	Due to heavy rain, works on site are limited to filling drums from the remaining bags present on site and general site maintenance.	

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SITE VISIT RECORD 55

Date:	Thursday 4th September 2008	**General comments:**
Duration of visit:	0810 – 1700	Groundwater monitoring
Weather:	Heavy showers	Site works limited due to heavy rain on site.
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
	Site works limited to filling drums from remaining bags stored on site.	
Groundwater sampling	Five well volumes purged from each location and 2 litre samples obtained for analysis. With the exception of BH05 – 4 well volumes only purged to dry (no sample) and BH607 no sample due to blockage in standpipe.	WYGE satisfied that the processes were carried out following agreed methodologies.

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SITE VISIT RECORD 56

Date:	Friday 5th September 2008	**General comments:**
Duration of visit:	0815 – 1530	Works on site halted due to heavy rain
Weather:	Heavy rain	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
	Due to heavy rainfall all day works are postponed. Only a limited number of drums are filled.	

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SITE VISIT RECORD 57

Date:	Monday 8th September 2008	**General comments:**
Duration of visit:	0800 - 1730	General site works limited to clearing material previously stockpiled in bags.
Weather:	Cloudy / dry	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Material taken off site by Veolia	80 drums dispatched to Veolia site in Ellesmere Port. (Load V9)	
Filling drums with material.	General site activities limited to filling drums with stockpiled material from bags.	
Sampling of crushed stone.	Areas where crushed stone was laid down in soft landscaping areas. Samples taken by NHSED (CS06 to CS10)	WYGE encourage the sampling of areas in soft landscaping.
Excavation of TP910	Surface material excavated to the level of the top of the drums and stockpiled for sampling. Excavation now joined to the rest of the large excavation via TP914.	
Validation results	Results obtained for TP914 S05 and TP913 G01. both results indicate PCB levels are below site specific RTVs and material is suitable for reuse on site. Material added to the clean stockpile.	

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SITE VISIT RECORD 58

Date:	Tuesday 9th September 2008	**General comments:**
Duration of visit:	0800 – 1720	
Weather:	Rain, clearing later	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Filling drums	Continuation of filling drums with material stockpiled in bags on site.	
Air monitoring	Weekly air monitoring carried out by Manestream at three locations on site.	WYGE are satisfied that the monitoring was undertaken as required by the monitoring specification.

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SITE VISIT RECORD 59

Date:	Wednesday 10th September 2008	**General comments:**
Duration of visit:	0800 – 1330	
Weather:	Sunshine	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Removal of material from site	Load V10 removed from site by Veolia.	
Excavation of TP910	Further removal of surface material from the area between TP910 to TP914 and excavation also extended southwards.	On going activity.
Groundwater monitoring	Weekly groundwater monitoring, five well volumes purged and 2 litre samples obtained with field parameters recorded at all locations with the exception of BH605 (only 1 well volume purged to dry – no recharge)	WYGE satisfied that monitoring was carried out following specified methodologies.

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SITE VISIT RECORD 60

Date:	Thursday 11th September 2008	**General comments:**
Duration of visit:	0900 – 1720	
Weather:	Sunshine and showers	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Validation samples	Validation samples taken from TP910 S01 and S02 (material derived from the surface of TP910).	WYGE are satisfied that the samples were taken following procedures outlined in the sampling specification.
Load V11 removed from site	80 drums removed from site by Veolia labelled as load V11.	WYGE satisfied material left site following outlined methodologies.
Excavation of material from between TP902 and TP914	Removal of drums from material above the waterline. 23 drums removed.	On going activity
	Water treatment system delivered to the site and off loaded. To be erected on Friday.	

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SITE VISIT RECORD 61

Date:	Friday 12th September 2008	**General comments:**
Duration of visit:	0800 – 1700	
Weather:	Clear and sunny	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Water treatment system	Water treatment system set up by LandClean on site. Initial reading on water discharge meter 1549m^3 (daily allowance of 30m^3 discharge). Water stored on site used to charge system and act as initial flush of water.	
Excavation of TP910	Removal of drums above the water line from TP910. 23 drums removed for compaction of drums in on site skip and loading for removal from site.	On going activity.

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SITE VISIT RECORD 62

Date:	Monday 15th September 2008	**General comments:**
Duration of visit:	0800 – 1700	
Weather:	Clear, dry	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Water treatment system	Completion of charging system and discharging of stored water once treated.	
Load V12 removed from site	80 drums removed from site by Veolia for incineration labelled as V12.	WYGE are satisfied material left site following methodology outline in method statement.
Excavation of TP910	Removal of a further 15 drums from TP910, the majority with red brown grease resulting in large quantities being discharged into the excavation and resting in the surface of the water.	On going activity.
Dewatering of TP913	Water pumped to onsite storage tank for settlement over night and treatment and discharge on Tuesday.	Not fully dewatered but levels are noticeably lower.

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SITE VISIT RECORD 63

Date:	Tuesday 16th September 2008	**General comments:**
Duration of visit:	0810 - 1735	
Weather:	Clear and warm	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Load V13 removed from site	80 drums removed from site by Veolia, labelled as V13.	WYGE satisfied material left site following methodology outline in the method statements.
Air monitoring	Weekly air monitoring undertaken by Manestream as part of monitoring requirements.	WYGE satisfied air monitoring was undertaken in accordance with monitoring specification.
Excavation of TP910	Removal of additional 19 drums from TP910 for crushing and loading into drums.	On going activity.

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SITE VISIT RECORD 64

Date:	Wednesday 17th September 2008	**General comments:**
Duration of visit:	0810 – 1730	
Weather:	Overcast	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Site walkover with NHL, LandClean and WYGE	Discussions over future progress on site between NHL, LandClean and WYGE. Aims to validate TP913 as the excavation becomes dewatered and progress along excavation. Site won clay (clean) to be used as a bund to separate clean and dirty areas.	WYGE satisfied progress is suitable to continue works efficiently.
Excavation of TP910	Further 10 drums removed from TP910 to provide material for filling drums.	On going activity.
Validation of TP913	Area fully dewatered and water passed to water treatment system. Wet material from base of excavation stored further north in excavation to allow to dry out before removing.	Excavation now ready for validation. No visual or olfactory signs of contamination in faces of excavation.

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SITE VISIT RECORD 65

Date:	Thursday 18th September 2008	**General comments:**
Duration of visit:	0745 – 1735	
Weather:	Dry and sunny	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Validation of TP913	Excavation previously prepared (17th September). Validation samples taken and labelled Face B, C, D, E1 and E2, sampled by NHSED. (Face A missing due to adjoining pit TP616).	WYGE satisfied samples were taken following outlined methodology and are representative of each face.
Validation results	TP910 S01, S02 are both indicated as suitable for re-use on site.	
Lorry load V14 collected	80 drums collected by Veolia for disposal via incinerator. Labelled as V14.	WYGE satisfied material is removed from site following correct methodology.
Groundwater sampling	Weekly groundwater sampling from on site boreholes. Five well volumes purged from the well and field parameters recorded. 2 litre samples obtained. With the exception of BH605 which was purged to dry and showed no recharge for sampling. Purged water discharged direct to water treatment system. Water treatment system also sampled.	WYGE satisfied samples were obtained following outlined methodologies.
Removal of material from TP913	Material previously removed from TP913 now being bagged after being allowed to drain. Grouped for testing in groups of 10.	To be tested.

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SITE VISIT RECORD 66

Date:	Friday 19th September 2008	**General comments:**
Duration of visit:	0800 – 1730	
Weather:	Clear and dry	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Excavation of TP616 and TP908 for validation.	Base and sides of TP616 scraped and placed in drums from TP616. Material from TP908 (previously validated) stockpiled on site for testing. Validation samples from TP616 C and E2 and TP908 A, B1, E1, E2. During sampling, PCBs identified in area between TP908 and TP616, additional drums identified and removed with surrounding soils (9 drums). Further drums identified in eastern face, close to site boundary.	WYGE satisfied by validation process but further works required to ensure completion of validation process.

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SITE VISIT RECORD 67

Date:	Monday 22nd September 2008	**General comments:**
Duration of visit:	0800 – 1650	
Weather:	Clear and sunny	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Test pit east of TP616.	Test pit to identify the extent of drums in the eastern face of TP616. Possible drum identified at depth with fragments brought to the surface. Black grease with strong odour observed.	Requires large scale excavation to assess the nature and extent of any drums.
Load V15 off site.	80 drums removed from site for incineration by Veolia. Identified as load V15.	WYGE are satisfied the drums were removed from site following agreed methodologies.
Excavation of TP616	Surface material around identified drum fragment removed and stockpiled on site for testing.	Material removed to identify the extent of ant drums on site in this area.

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SITE VISIT RECORD 68

Date:	Tuesday 23rd September 2008	**General comments:**
Duration of visit:	0800 – 1740	
Weather:	Dry, clear.	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Excavation of TP616	Continuation of removal of surface material from the edge of TP616 (identified from this point as TP616a). Material consists of general fill with a stratum change to reworked alluvium and river gravels. Partial drum found in the area of test pit. No visual or olfactory evidence of PCB product or any other drums in the area. 9 drums removed from the area of TP616 to clear the area of TP616 and TP616a.	Excavation now awaiting validation. additional samples will be taken directly around drum fragment to ensure the absence of PCBs.
Load V16 off site	80 drums removed from site for incineration by Veolia. Identified as load V16.	WYGE satisfied the material left site following agreed methodology.
Air monitoring	Manestream on site to carry out weekly air monitoring on site.	WYGE satisfied monitoring conforms to the agreed methodology.
Validation of TP616 and TP616a	Removal of final material from TP616 in preparation for validation. Cutting into alluvium where required (product visually evident in fissures in the clay). Validation samples taken; TP616a Face A, B, C, E1, E2 and TP616 B and E1. Validation complete of TP616 and TP616a	WYGE satisfied samples were taken in accordance with outlined methodology and are representative of conditions on site.

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SITE VISIT RECORD 69

Date:	Wednesday 24th Sept 2008	**General comments:**
Duration of visit:	0800 – 1740	
Weather:	Overcast	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Filling drums with contaminated material	Filling drums from material collected from TP616 and TP616a.	
Excavation of TP905 to edge of TP635a	Material scraped northwards (all visually contaminated). Material stockpiled in TP635a to be removed at a later date.	On going activity.

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SITE VISIT RECORD 70

Date:	Thursday 25th Sept 2008	**General comments:**
Duration of visit:	0750 – 1730	
Weather:	Overcast with occ. showers	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Groundwater monitoring	Weekly groundwater monitoring. Five well volumes purged and discharged to water treatment system. Field parameters recorded during purging process. 2 litre samples collected after purging. With the exception of BH605 – purged to dry with no recharge to sample. Water treatment system also sampled (2 litres).	WYGE are satisfied that samples were obtained following agreed procedures.
Surface water monitoring.	Samples SM1 and SM2 both collected (2 litres) as part of the four weekly sampling process.	WYGE are satisfied that samples were obtained following agreed procedures.
Validation results	Results indicate all faces of TP913 have levels of PCBs below site specific RTVs and the excavation is suitable for backfilling.	WYGE are satisfied that TP913 is suitable for backfilling with clean material.

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SITE VISIT RECORD 71

Date:	Friday 26th September 2008	**General comments:**
Duration of visit:	0800 – 1700	
Weather:	Clear and Sunny	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Excavation of TP905	Material from eastern half of TP905 where no drums were found is removed and stockpiled. Western edge of excavation also scraped and cleared for validation.	Excavation awaiting excavation.
Validation samples.	Validation sample taken from remainder of southern extent of large excavation. TP905 Face B2, E2, C, D, E3, B3. TP908 Face E3, D. TP616 Face D, E3. Earth bund constructed to separate areas validated from those not yet validated. (Constructed from material from TP910 S03 and S04 – previously stated as suitable for reuse).	WYGE are satisfied the samples were taken following agreed methodology and are representative of the individual faces.
TP634	Sides cleared of loose material and base scraped in preparation for validation. Material stockpiled for testing (TP902 S05)	Awaiting validation.

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SITE VISIT RECORD 72

Date:	Monday 29th September 2008	**General comments:**
Duration of visit:	0750 – 1720	
Weather:	Dry	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
	Water not pumped from the excavations over the weekend and as such water levels in the validated area are significantly higher (levels in TP910 are noticeably reduced).	
Validation results received	TP908 and initial sampling of TP616 results received and all fall below the RTVs for the site, with the exception of TP908 Face B. Face previously validated as clean and likely to be liked to product on the water surface. Face to be scraped back and resampled.	WYGE are satisfied samples are below RTV and TP908 face B is suitable for resampling.
Load V18 removed from site	80 drums dispatched from site to Veolia, labelled as V18.	WYGE satisfied that material was dispatched to a suitable disposal facility.
Excavation of TP902	Removal of 3 drums with red brown grease from TP902.	On going activity
Sample of general dirty material	Material accumulated in TP910 (mixed sources) from clearing other excavations – all visually contaminated tested to assess levels of PCBs in sample. Labelled as TP00 S01.	Sample to be used to assess suitability of material for disposal.

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SITE VISIT RECORD 73

Date:	Tuesday 30th September 2008	**General comments:**
Duration of visit:	0810 – 1715	
Weather:	Occasional showers	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Excavation of TP914	Material being removed and added to stockpile in TP910. 28 drums removed and segregated for crushing and placing into drums.	Further clearance required before validation.
Load V19 off site	Load V19 removed from site by Veolia. 80 drums removed.	WYGE satisfied material was removed in a suitable manner.
Validation results received	TP616a – all faces cleared as being below RTVs. TP616 – all faces now passed as below RTVs. Stockpile TP908 S02 – fail. Spilt and retested as S02a, S02b, S02c. Marginal failure.	TP616 and TP616a are suitable for backfilling. TP908 S02 split and retested.
Weekly air monitoring	Weekly air monitoring carried out by Manestream as part of weekly sampling requirements.	WYGE satisfied.
Crushed stone use on site	NHL continuing to lay stone in areas of both hard-standing and soft landscaping.	WYGE advise the NHL to be aware of risks of laying potentially unsuitable material.
Excavation of TP905 and TP635a	Removal of surface material between TP905 and TP635a along the eastern face. 2 drums and product removed. Surface material stockpiled for future testing.	On going activity.

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SITE VISIT RECORD 74

Date:	Wednesday 1st October 2008	**General comments:**
Duration of visit:	0800 – 1700	
Weather:	Windy, dry	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Excavation of TP905 and TP635a	Surface material continues to be removed. Numerous small metal containers – possible paint cans. Material stockpiled separately for validation of absence of PCBs. No evidence of further drums in excavation.	On going activity
Load V20 off site	80 drums removed from site as load V20	WYGE satisfied material is removed in a suitable manner.
Removal of drums from TP914	Previously segregated and accounted for. Drums removed from crushing and loading into drums for removal.	Prioritised after request by NHL
Backfilling of TP913	Smiths ground-workers backfilling TP913 and TP616a with material classed as suitable. (TP616a S01, TP905 S04, TP616 S04).	WYGE satisfied.

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SITE VISIT RECORD 75

Date:	Thursday 2nd October 2008	**General comments:**
Duration of visit:	0800 – 1720	
Weather:	Windy, dry	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Excavation of TP635a	Further removal of surface material. No further evidence of drums or PCB product. Base of TP635a and TP634 scraped in preparation for validation. Visually contaminated material placed in TP910 as part of large stockpile.	Awaiting validation
Groundwater monitoring	Weekly groundwater sampling. Five well volumes purged (or to dry) and two litre sample obtained. With the exception of BH601, BH603, BH604, BH605, BH606, BH607 all purged to dry with no recharge. Water treatment system also sampled.	WYGE satisfied sampling was undertaken following outlined methodology. Limited number of water samples due to prolonged period of dry weather.
Load V25 off site	Load V25 removed from site. 80 drums removed.	
Validation results	Results for remainder of sampled area in southern extent of large excavation. Three failures requiring retesting. TP908 Face D, TP905 Face B2 and Face B3.	Faces require scraping and re-testing before pits can be fully validated.

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SITE VISIT RECORD 76

Date:	Friday 3rd October 2008	**General comments:**
Duration of visit:	0800 – 1720	
Weather:	Cold, dry	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Backfilling of excavations	SL marked faces which still require re excavation and resampling. Backfilling to continue in validated areas around these areas.	WYGE satisfied
Construction of clean bund in large excavation	Clean material used to construct bund to show the limit of areas which have been cleared and sampled.	WYGE satisfied
Validation results	TP908 B1 retest is confirmed as suitable for backfilling.	WYGE satisfied
Validation samples	Stockpiles from TP635a S05 to S14. TP905, TP635a and TP634 sampled. Retests of TP905 B2 and B3.	WYGE satisfied samples were taken following agreed methodology.

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SITE VISIT RECORD 77

Date:	Monday 6th October 2008	**General comments:**
Duration of visit:	0800 – 1740	
Weather:	Cold, overcast	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Backfilling of TP913, TP616, TP616a and TP908.	Continuation of raising levels in excavations previously validated and assessed as below RTVs (backfilling continuing around various retests in TP905 and TP616).	Backfilling of areas is limited to those areas where validation results have been received.
Lorry load V26	80 drums of material removed from site by Veolia. Identified as load V26.	No comment
Filling drums	On going daily activity of filling drums from contaminated material.	On going activity.

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SITE VISIT RECORD 78

Date:	Tuesday 7th October 2008	**General comments:**
Duration of visit:	0800 – 1715	
Weather:	Heavy rain, showers pm.	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Air monitoring	Weekly air monitoring carried out by Manestream.	Air monitoring undertaken as part of the requirements outlined in the monitoring specification for the site.
Validation results	Stockpile validation results (TP908 S02a, S02b, S02c) all shown to below the required levels to remain on site.	Results are from a stockpile previously identified as above RTVs. however since the three resamples indicate similar levels of PCBs (all below RTVs) and there are no visual or olfactory signs of contamination the material has been assessed as being suitable for re-use on site.
Filling drums	Due to weather conditions, on site works are limited to filling drums.	

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SITE VISIT RECORD 79

Date:	Wednesday 8th October 2008	**General comments:**
Duration of visit:	0805 – 1715	
Weather:	Dry, sunny	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Validation results	Results from TP635a E3 E4 and TP635a S05 – S14 also shown to have levels of PCB below the site specific RTVs	WYGE confirm the suitability of the material to be reused on site.
Load V21 off site	Lorry load V21 removed from site by Veolia (80 drums of material)	
Backfilling of excavations	TP913, TP616, TP616a and TP908 now fully backfilled to ground levels.	
Sampling Crushed stone.	Samples CS11 – CS15 taken by NHSED from the areas of stone already lain in areas proposed for soft landscaping.	WYGE not present for sampling process.

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SITE VISIT RECORD 80

Date:	Thursday 9th October 2008	**General comments:**
Duration of visit:	0750 – 1725	
Weather:	Foggy, clearing to sun	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Excavation of TP636C and TP636D	Removal of surface material (stockpiled on site for sampling). The two trial pits are excavated as one excavation due to proximity of excavations. Large quantities of swarf identified in TP636D (potentially explaining the localised but strong geophysical anomaly). Highly fragmented drums with bitumen like solid glassy material. 8 drums removed from the combined excavations. Validation samples taken; • TP636C Face A, B, D, E • TP636D Face B, C, D, E • Stockpiles TP636C S01, S02, TP636D S01, S02.	WYGE are satisfied there was no further sign of drums in the faces of the excavation prior to sampling. Samples were obtained following the agreed methodology.
Groundwater monitoring	Five well volumes of water purged (or to dry). Two litre samples obtained and field parameters recorded with the exception of BH603, BH605 where there was insufficient recharge to obtain a sample.	WYGE satisfied the groundwater samples were obtained following agreed methodologies.
Excavation of TP656B and TP656C	Surface material removed and stockpiled on site for testing. The two trial pits are excavated as one excavation due to proximity of excavations.	On going activity.
Load V22 off site	Load V22 removed from site. 80 drums removed by Veolia.	

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SITE VISIT RECORD 81

Date:	Friday 10th October 2008	**General comments:**
Duration of visit:	0750 – 1645	
Weather:	Dry and sunny	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	LandClean	

Current activities on site	**Details**	**WYGE comment**
Excavation of TP656B and TP656C (continued)	Further removal of surface material. Drums and surrounding soils removed and added to the skip for crushing and disposal. 15 drums removed in total. Validation samples • TP656B Faces A, B, D, E, • TP656C Faces B, C, D, E	WYGE satisfied there was no further sign of drums in the faces of the excavations and the samples were obtained following approved methodologies.
Excavation of TP915	Very minimal geophysical anomaly and no reports of drums in previous phases of excavation. Surface material removed and stockpiled on site for sampling. No drums identified as excavation is advanced to the top of the alluvium. Validation samples • Faces A, B, C, D, E.	WYGE agree the previous laboratory results indicate the possible cross contamination during excavation. No indication of drums present in the excavation or visual or olfactory signs of contamination.
Backfilling	TP635a and TP634 being backfilled by Smiths with material from TP635a S05, S06 and S07 (deemed suitable for reuse on site).	No comment.
Landgas monitoring	First round of landgas monitoring undertaken since the completion of piling on site. Completed by NHSED.	WYGE are satisfied the landgas sampling was undertaken following best practice and in accordance with agreed methodologies.

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SITE VISIT RECORD 82

Date:	Monday 13th October 2008	**General comments:**
Duration of visit:	0810 – 1730	• Excavation of TP914
Weather:	Overcast, dry	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
TP915	Water being pumped to allow immediate backfilling (prior to receipt of sample results) to allow safe movements on site. Backfilled with clean material from general stockpiles.	WYGE are satisfied there is no indication of drums or PCB product in the vicinity of the excavation.
Load V23 off site	80 drums removed from site by Veolia.	
Validation samples	Samples taken and identified as; TP656 B S01, S02 TP656 B S01, S02 TP915 S01	WYGE are satisfied that samples were obtained following agreed methodologies.
Excavation of TP914	Material being removed from the southern area (between TP914 and TP635a). Surface material stockpiled for testing. 23 drums removed.	On going activity.
Crushed stone samples	CS16 – CS20 taken from large stockpile on site.	

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SITE VISIT RECORD 83

Date:	Tuesday 14th October 2008	**General comments:** • Excavation of TP902 / TP914
Duration of visit:	0750 – 1700	
Weather:	Overcast, showers pm	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Further excavation of TP914 (southern face)	Further removal of drums and storage in TP910. 14 drums removed. Further drums have been identified in the southern face.	On going activity.
Load V24 off site	Last lorry off site. 80 drums identified as V24.	
Validation samples	Samples obtained from stockpiles and identified; TP914 S06 and S07 TP635a S15	WYGE satisfied samples were obtained following agreed methodology.
Air monitoring	Manestream on site for weekly air monitoring.	
Excavation of TP902 and TP914.	Further removal of drums from area between TP902 and TP914. A further 5 drums removed.	

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SITE VISIT RECORD 84

Date:	Wednesday 15th October 2008	**General comments:** • Excavation of TP902 / TP914.
Duration of visit:	0810 – 1725	
Weather:	Overcast, drizzle	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Excavation of TP902 / TP914	Surface material removed and stockpiled on site for testing. 49 drums removed.	On going activity.

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SITE VISIT RECORD 85

Date:	Thursday 16th October 2008	**General comments:** • Excavation of TP902 / TP914 • Groundwater monitoring
Duration of visit:	0815 – 1710	
Weather:	Cold, sunny	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Further excavation of TP902 / TP914	A further 45 drums removed from the area between TP902 / TP914. Surface material stockpiled on site for testing.	On going activity.
Groundwater monitoring	5 well volumes purged (or to dry), with two litre samples obtained and field parameters recorded, with the exception of BH603, BH605, BH606, BH607 9purged to dry with insufficient recharge for sampling.	WYGE are satisfied that samples were obtained following agreed methodology.

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SITE VISIT RECORD 86

Date:	Friday 17th October 2008	**General comments:**
Duration of visit:	0810 – 1700	Excavation of TP902.
Weather:	Cold, sunny	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Backfilling of TP656B and TP656C	Smiths backfilling TP656B & TP656C with material from TP910 S01 to S04.	Excavation previously cleared for backfilling.
Further excavation of TP902.	Extension northwards. Additional 43 drums removed from TP902. No further drums identified in the northern face of the excavation, further drums in western face.	On going activity.

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SITE VISIT RECORD 87

Date:	Monday 20th October	**General comments:**
Duration of visit:	0805 – 1705	
Weather:	Showers, heavy rain.	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Validation results	Results indicate the following stockpiles are suitable for reuse on site; TP914 S06, S07 TP635a S15	
Sampling crushed stone	Samples CS21 – CS25 taken by NHSED from areas of laid stone in soft landscaping areas.	
	General site works limited due to heavy rain.	

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SITE VISIT RECORD 88

Date:	Tuesday 21st October 2008	**General comments:** • Validation of parts of TP902 & TP635a • Excavation of area between TP902 / TP914.
Duration of visit:	0800 – 1715	
Weather:	Clear, cold	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Retesting of stockpiles	Stockpiles TP656B S01 and TP656C S01 both identified as having PCB levels above RTVs. stockpiles are isolated, split and retested as TP656B S01a, S01b TP656C S01a, S01b, S01c	WYGE happy retesting may allow volumes requiring removal from site to be reduced.
Air monitoring	Weekly air monitoring carried out by Manestream.	
Validation of large excavation.	Base of excavation scraped ready for sampling, a bund of clean material is used to delineate sampled areas. TP902 – Faces A2, A3, B2, E2, E3, E4, E5, TP635a – Faces D, E5.	WYGE are satisfied samples were taken following agreed methodology.
Excavation of area between TP902 and TP914.	Further expansion of excavation with an additional 7 drums removed containing typical red brown grease.	On going activity.

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SITE VISIT RECORD 89

Date:	Wednesday 22nd October 2008	**General comments:**
Duration of visit:	0930 – 1755	
Weather:	Clear sunny	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Excavation of area north of TP914.	20 further drums removed. Excavation extended with no further drums identified for removal.	Area ready for sampling.
TP636C Face E	Results from resample indicate the pit is now suitable for backfilling with material identified for reuse on site.	Resutls shows that TP636 C and D are now ready for backfilling.

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SITE VISIT RECORD 90

Date:	Thursday 23rd October 2008	**General comments:** • Groundwater and surface water monitoring • Excavation of TP636, TP656 • TP914 awaiting validation.
Duration of visit:	0800 – 1715	
Weather:	Overcast, windy	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
	Loading drums with visually contaminated material has been halted until the final disposal destination has been agreed.	
Excavation of TP914 area	Excavation being scraped clean prior to validation samples being taken. No further drums identified.	Excavation awaiting validation.
TP636 excavation	Surface material being removed and used as bund material for storage area being constructed on site.	Surface material still requires validation resting prior to being assured suitable for reuse on site.
Groundwater monitoring	5 well volumes purged (or to dry) and disposed off via the on site water treatment system. 2 litre samples obtained and field parameters recorded with the exception of BH603, BH604, BH605, BH606, BH607 where there was insufficient recharge to obtain samples.	WYGE satisfied sampling was undertaken following the agreed methodology.
Surface water monitoring .	Samples from monitoring locations SM1, SM2 obtained (2 litres).	WYGE satisfied sampling was undertaken following the agreed methodology.
Excavation of TP656	Surface material removed for use as bund material around waste storage area. 26 drums removed from the excavation.	On going activity.

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SITE VISIT RECORD 91

Date:	Friday 24th October 2008	**General comments:**
Duration of visit:	0755 – 1700	
Weather:	Clear, sunny	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Continuation of excavation of TP656	3 further drums removed.	Excavation is awaiting further excavation and dewatering prior to validation.
Excavation of TP636	Removal of drums previously exposed. 20 drums removed; predominantly red brown free flowing grease.	No further drums identified. Excavation awaiting validation.
Excavation of TP656A	Surface material removed from 4m by 4m excavation, material stockpiled for testing. Metal fragments and drum identified containing non PCB material. Material removed to depth of alluvium. No evidence of PCBs or further drums. Faces A-E sampled. To be backfilled with clean material prematurely to allow continuation of works.	Findings are consistent with those identified in previous trail pit logs, no visual signs of contamination reported or observed during excavation.
Validation samples obtained	Samples obtained from stockpiles and excavation faces. As follows; TP914 S08, S09, TP902 S06, S07 TP902 A1, B1, D, E1, TP914 A1, A2, D1, D2, E1, E2.	WYGE agree samples were representative of material and were collected following agreed methodology.

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DURHAM ROAD
VALIDATION WORKS

SITE VISIT RECORD 92 - 96

Date:	27th October to 31st October	**General comments:**
Duration of visit:	5 days	Completion of excavations and validation sampling.
Weather:	Dry	
Visiting engineer:	Sian Thomas	
Main contractor:	Norwest Holst Limited	
Remediation contractor:	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Excavation of TP910 / TP914	Further removal of drums (25) from TP910 and final removal of contaminated material from removal from site. Validation samples taken from faces; TP914 D3 D4 E3 E4 C TP902 C TP910 B C D E1 E2	Validation samples taken from final faces from large excavation after final scrape and removal of material.
Further excavation of TP656	Final excavation and sampling of TP656. Validation samples taken from Face B, C, D, E.	Excavation awaiting validation results before retesting.
	All excavations are now complete and awaiting validation results before backfilling.	

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DURHAM ROAD
VALIDATION WORKS

SITE VISIT RECORD 97

Date:	Monday 3rd November 2008	**General comments:**
Duration of visit:	0800 – 0950	
Weather:	Clear	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
	Works on site now limited to one excavator and operative and water treatment system. PCB removal now complete and awaiting final sets of analytical results.	Further excavation may be required pending laboratory results.

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VALIDATION WORKS

SITE VISIT RECORD 98

Date:	Thursday 6th November	**General comments:**
Duration of visit:	0800 – 1445	
Weather:	Overcast, dry	
Visiting engineer:	Sarah Ling	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Groundwater monitoring	Groundwater monitoring undertaken by NHSED. Water treatment system also sampled.	WYGE satisfied water sampling was undertaken following agreed methodology.
Backfilling of large excavation	Section previously passed as suitable for backfilling now being backfilled by Smiths	
Excavation of TP910 Face D	After failure of Face D with respect to site specific RTVs the face is scraped by the excavator and material placed with material for disposal. 1 further drum identified and removed and surrounding material excavated. Face resampled.	WYGE satisfied sample was obtained following agreed methodology. No further evidence of drums or PCBs.

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SITE VISIT RECORD 99

Date:	Friday 30th January 2009	**General comments:**
Duration of visit:	0900 – 1230	
Weather:	Heavy showers	
Visiting engineer:	Sarah Roberts	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Norwest Holst Soil Engineering	

Current activities on site	**Details**	**WYGE comment**
Current construction activities on site.	Steel framework of school building completed and general construction works being undertaken during the site visit. Capping material in the areas of soft landscaping, playing fields and planting areas is currently being laid across the site with material still being imported to required quantities.	
PCB remediation area.	Stockpile of contaminated soil has now been removed from site and bunded area remains based with a number of drums containing PCB contaminated material being stored within it. A large number of drums with PCB contaminated material are still present on site awaiting disposal. All other materials have been removed from site.	
Cap thickness Validation Process.	Validation of the capping layer in area of soft landscaping, planting areas and grassed playing areas will take place in two stages. The initial thickness of the aggregate layer forms the basis for the topsoil layer. Total thickness should equal a minimum thickness of 600mm. Trial holes were excavated through the cap to establish the aggregate layer thickness and the presence of a visual barrier (orange geotextile) between the top surface of the made ground and the base of the capping layer. Nine trial holes were excavated (TP1 to TP9) using a 8 tonne 360 excavator, final clearance of the excavations was carried out by hand to ensure minimal damage to the geotextile membrane. The presence of the geotextile was noted in each excavation and the depth of aggregate measured and recorded. In each trail hole the aggregate consisted of a grey (occasionally grey brown) sand and gravel of coarse grey sandstone ('Grit Stone)	As a result of variation in aggregate thickness across the areas investigated, NHCL are considering re-profiling those areas to achieve the required thickness of aggregate. If this is the case WYG require the cap thickness to be reassessed at these locations to validate the condition of the capping layer prior to the import of the topsoil.

DURHAM ROAD
VALIDATION WORKS

SITE VISIT RECORD 99

	A summary of the depth of the capping layer is recorded below. TP1 – 0.455 m TP2 – 0.515 m TP3 – 0.530 m TP4 – 0.450 m TP5 – 0.435 m TP6 – 0.460 m TP7 – 0.520 m TP8 – 0.435 m TP9 – 0.425 m Target depths are either 0.450 m or 0.500 m based on NHCL design specifications. Each trial location was photographed as a record of the excavation and were due to be surveyed to provide an accurate location of the excavation. An additional validation will be required once the construction of the cap (addition of the topsoil layer) is complete. Photographs of the excavations are provided in the validation report.	

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VALIDATION WORKS

SITE VISIT RECORD 100

Date:	Wednesday 4th March 2009	**General comments:**
Duration of visit:	0900 – 1000	
Weather:	Showers and sunny spells	
Visiting engineer:	Rhys Davies	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Land Clean Limited	

Current activities on site	**Details**	**WYG comment**
Current construction activities on site.	Construction of the school building ongoing during the site visit. Import and stockpilling of capping material for the areas of soft landscaping, playing fields and planting areas.	
PCB remediation area.	Drums containing PCB contaminated material being emptied within a soil bunded area prior to screening of oversized material and the lime stabilisation process. All other stockpilled PCB contaminated materials have been removed from site.	

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SITE VISIT RECORD 101

Date:	Friday 6th March 2009	**General comments:**
Duration of visit:	1430 – 1530	
Weather:	Dry sunny spells	
Visiting engineer:	Rhys Davies	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Land Clean Limited	

Current activities on site	**Details**	**WYGE comment**
Current construction activities on site.	Construction of the school building ongoing during the site visit. Import and stockpiling of capping material for the areas of soft landscaping, playing fields and planting areas.	
PCB remediation area.	Drums containing PCB contaminated material have been emptied within a soil bunded area and the oversized material separated and stockpiled separately. The PCB contaminated material had been spread into a 300 mm thickness layer prior to the application of quick lime. Treatment area being rotovated by tractor mounted plant.	

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SITE VISIT RECORD 102

Date:	Wednesday 9th Sept 2009	**General comments:**
Duration of visit:	1430 – 1500	
Weather:	Dry sunny spells	
Visiting engineer:	Sarah Roberts	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Land Clean Limited	

Current activities on site	**Details**	**WYGE comment**
Current construction activities on site.	Construction of the school building ongoing during the site visit.	
Cap Validation works	Validation of TP1, TP2, TP18 and TP19 within the capping system. In the case of TP1 and TP2 the aggregate layer and presence of visible barrier have previously been established. Topsoil levels of 200mm recorded in both cases completing the validation of both trial pits. TP18 – validation of full capping layer. Visible barrier present at base of capping layer, aggregate layer of 200mm, topsoil layer of 400mm with total capping layer of 600mm. Validation of excavation complete. TP18 – validation of full capping layer. Visible barrier present at base of capping layer, aggregate layer of 400mm, topsoil layer of 300mm with total capping layer of 700mm. Validation of excavation complete.	Validation of TP1, TP2, TP18 and TP19 complete with minimum thickness of capping layer achieved.

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VALIDATION WORKS

SITE VISIT RECORD 103

Date:	Wednesday 7th Oct 2009	**General comments:**
Duration of visit:	1400 – 1500	
Weather:	Dry sunny spells	
Visiting engineer:	Sarah Roberts	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Land Clean Limited	

Current activities on site	**Details**	**WYGE comment**
Current construction activities on site.	Construction of the school building ongoing during the site visit.	
Cap Validation works	Validation of TP3, TP4, TP5, TP10, TP11, TP15, TP16 and TP20 within the capping system. TP15 and TP16, only the aggregate layer was available for validation and full validation will be assessed on the completion of the capping layer when the topsoil layer has been constructed. TP20 – full validation undertaken, with 300mm of aggregate and 300mm of topsoil present and therefore the minimum cap thickness has been achieved. TP3, TP4, TP5, TP10 and TP11 – validation of the topsoil layer in these locations (aggregate layer thickness previously recorded). In all locations the total cap thickness of aggregate and topsoil meets or exceeds required thicknesses.	Validation of TP3, TP4, TP5, TP10, TP11 and TP20 complete with minimum thickness of capping layer achieved or exceeded. Further validation required for TP15 and TP16.

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VALIDATION WORKS

SITE VISIT RECORD 104

Date:	Thursday 5th Oct 2009	**General comments:** Completion of cap validation process, all inspection locations are shown to meet the minimum required thickness.
Duration of visit:	1400 – 1500	
Weather:	Dry	
Visiting engineer:	Sarah Roberts	
Main contractor:	Norwest Holst Limited	
Remediation contractor	Land Clean Limited	

Current activities on site	**Details**	**WYGE comment**
Current construction activities on site.	Construction of the school building ongoing during the site visit. Works approaching completion and due to be completed within one month.	
Cap Validation works	Validation of TP6 to TP9, TP12, TP13 and TP15 to TP17 within the capping system. TP17 – full validation undertaken, with 60mm of aggregate and 600mm of topsoil present and therefore the minimum cap thickness has been achieved. TP6 to TP9, TP12, TP13, TP15 and TP16 – validation of the topsoil layer in these locations (aggregate layer thickness previously recorded). In all locations the total cap thickness of aggregate and topsoil meets or exceeds required thicknesses.	Validation of TP6 to TP9, TP12, TP13 and TP15 to TP17 complete with minimum thickness of capping layer achieved or exceeded.

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Appendix F Contractor Method Statements

NORWEST HOLST

Method Statement

Title: PCB Removal and Disposal			**M.S. No:**	189573-MS025
			Rev. No:	0
			Page No:	**1 of 10**
Contract No:	18/9573		**Controlled Copy No.**	
Contract Name:	Glebelands PFI Newport			
Rev No:	**Date:**	**Issue / Revision Record:**	**Author:**	**Approved by:**
DRAFT	19.06.08	For Comment	NHL	
0	20.06.08	For Construction	NHL	

Contents:

1.0	**Risk Assessment**	**8.0**	**Storage**
2.0	**Scope**	**9.0**	**Personnel**
3.0	**History**	**10.0**	**Environment**
4.0	**Order / priority**	**11.0**	**Other MS's, ITP's, etc.**
5.0	**Method**	**12.0**	**Drawings / sketches**
6.0	**Materials**		
7.0	**Plant / Equipment**		

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3. **D. Williams – NHL**
4. **R. Hogg – NHL**
5. **M. McGuinness – NHL**
6. **NHL Soils**
7. **White Young Green Environmental**
8. **Bill Baker**
9. **Land Clean**
10. **Grundon**
11. **Terradat**
12. **A. Ropke – NCC**
13. **Environment Agency**

Notes:

1 – Holders of a controlled document are responsible for ensuring that any superseded Method Statement is removed and destroyed.
2 – Please keep your Method Statement safe and do not allow it to be copied. Contact your Line Manager if you require further copies.

1.0 Risk Assessment

Refer to appendix A for Risk Assessment

2.0 Scope

This method statement describes the works to be undertaken to remove and dispose of known PCB contamination from the Durham Road School Construction Site. It incorporates works being undertaken by the following parties:

- Norwest Holst Limited – Civils
- Norwest Holst Limited – Soils
- Land Clean
- Grundon
- White Young Green Environmental
- Independent Validation Environmental Engineer (Bill Baker)
- Terradat

3.0 History

The PCB contamination is known to be concentrated around between 17 and 22 steel drums buried across an area approximately 100m x 80m on plan. Geophysical survey company Terradat undertook Electromagnetic Mapping & Metal Detecting surveys of this area to identify the drum locations. These are marked on plan E3808/4406/ENV/103. Trial holes were dug by Norwest Holst Soils in the presence of Bill Baker to verify these surveys. These trial holes successfully indicated that the surveys were accurate, and that it was possible to identify contaminated soil visually.

White Young Green Environmental has prepared a remediation strategy for the PCBs, which has been approved by the Environment Agency and serves to discharge certain Newport City Council Planning Conditions. The requirements of this strategy drive the method of working described in this method statement.

Prior to commencement of excavation, Norwest Holst Civils have marked out the locations of the drums according to drawing E3808/4406/ENV/103.

4.0 Order / priority

1. Establish monitoring regime
2. Mobilisation – Isolation of dirty area – Decontamination – Welfare
3. Site Induction
4. Excavation – Separation & stockpiling – Testing
5. Loading & Transportation

6. Backfilling
7. Geophysical Surveys
8. Demobilisation

5.0 **Method**

1. Norwest Holst Soils will establish a monitoring regime to comply with White Young Green Environmental's Monitoring Performance Specification. This regime consists of Groundwater Sampling, Surface Water Monitoring on the Reen, Air Monitoring and Land Gas Monitoring. The locations of the various monitoring points are indicated on drawing A042139/4406/ENV/102. The Monitoring Performance Specification gives information on the frequency of testing. All monitoring point installations and testing will be supervised by White Young Green Environmental, in order to facilitate production of a Validation Report.

2. The first stage of mobilisation will be the erection of a physical barrier (heras fencing) to divide the site into clean and dirty areas. This will be carried out by Land Clean. The dirty area will include all the areas identified as containing PCB contamination and will include sufficient areas for the temporary storage of non-contaminated arisings and contaminated materials awaiting off site disposal. Warning signs will be erected around the dirty area identifying the area as a 'Dirty Area' and prohibiting unauthorised access. The general public and non Land Clean personnel will not be allowed access to the dirty area, except where specifically authorised. Visitors will only be allowed access if accompanied by a senior member of site staff, having first been inducted and having signed in.

   Pedestrian access into and out of the dirty area will be via a decontamination unit set up by Land Clean within the fence line. The movement of personnel through this unit will be rigorously enforced to prevent cross contamination between the clean and dirty areas. The decontamination unit will have its own power generating capacity and water supply will be provided by Norwest Holst Limited – Civils. Land Clean will take responsibility for diesel supply to all of their plant. The diesel delivery vehicle and driver will remain outside the Dirty Area at all times.

   All operatives / personnel entering the dirty area will be required to wear suitable protective clothing: -

   a) Disposable overalls. The overalls will be close fitting at the ankles and cuffs, preferably elasticated, and will incorporate a hood. Contaminated clothing will be placed in double sealed plastic bags, located on the 'dirty' side of the decontaminated unit and sealed before disposal.

b) Safety boots will be worn and overalls pulled down on the outside of the footwear.

Hand protection in the form of impervious gloves and eye protection (goggles) will be worn by those operatives working most closely with the PCBs. In particular this will include those supervising the filling of bags for disposal and those taking samples for testing.

Dust masks and respirators will generally not be required, as the risk is considered to be low. If it becomes apparent during excavation that the risk is increased (e.g. raised level of fibres or odours) then work will stop and the requirement for masks will be re-assessed. Norwest Holst Soils will provide a PID to constantly monitor the air around excavations for VOCs (Volatile Organic Compounds). This can also be used to carry out headspace tests on any soils that produce an odour.

Plant for excavation and lifting operations will be provided by Land Clean. Plant working in the dirty area will remain in the dirty area until contamination is removed prior to demobilisation. Prior to PCB removal a hole will be dug within the dirty area and a skip partially sunk into the hole. This skip will be used to catch potentially contaminated water as plant is jet-washed. This water will be tested for contamination before determining how it is to be removed from site.

Welfare facilities are provided by Norwest Holst Limited in the main site compound.

3. All personnel working on site will attend a Site Induction provided by Norwest Holst Limited prior to starting on site. This will highlight the safety risks particular to the site, and reinforce the requirement to wear PPE (helmet, high-viz and boots) at all times while on site.

4. Prior to any excavations commencing, Norwest Holst Limited's site engineer will issue a permit to dig. While issuing the permit he will indicate to the excavation supervisor and to the plant operator the position of any known services. The only service expected within the excavation area is drainage.

   All excavations will be carried out under the supervision of Bill Baker (Independent Validation Environmental Engineer) and White Young Green Environmental. Bill Baker is familiar with the detail and objectives of the exercise being undertaken and will ensure that a high degree of confidence is provided concerning the decisions made about the material to be segregated and removed and that which is judged to remain on site. His experience will enable the visual identification of contaminated soil in order to determine which material is hazardous and which is non-hazardous.

Only one drum location will be excavated at a time. At each location material will be scraped off in layers by the excavator until contaminated soil is identified. The soil that appears not to be contaminated will be stockpiled for later testing. It will be placed on a polythene sheet and covered by a further polythene sheet to protect it from cross-contamination. Material identified as contaminated (including corroded drums containing PCBs and 1m³ of material around them) will be loaded directly into 1 tonne bulk bags, which will be located adjacent to the excavation and resting on pallets. The bags must only be filled to a maximum of 350kg. Once filled to this capacity, a bag will be closed tightly and held with cable ties, then lifted using forklift attachments on the excavator and moved close to the designated vehicle exit point of the dirty area, awaiting disposal. A further 3m³ of material will be excavated from around the initial excavation and stockpiled as above, but separately from the previous stockpile, for further testing.

Ground water is not anticipated within the depth of planned excavation, however if it is met, excavation will stop and the water level will be monitored and recorded at 5 minute intervals for a period of 20 minutes. If sufficient water is encountered a sample will be taken. A course of action will be agreed between Norwest Holst Limited and White Young Green Environmental before proceeding.

5no. validation samples will be taken from each excavated pit, one from each side and one from the base. The samples will be taken using the excavator. The excavator will use a clean bucket to prevent cross-contamination. These samples will be tested against the Remedial Target Values (RTVs) set out by White Young Green Environmental. Where the samples exceed the RTVs, the excavation will be extended and re-validated. Further samples will be taken from the stockpiled soil, one sample from each stockpile, and tested for PCB levels against the RTVs. If the levels are below the RTVs the stockpile can be used for backfill material. If the levels are above the RTVs but below 50mg/kg, then further testing in accordance with the Waste Acceptance Criteria (WAC) will be required prior to sending to landfill. More heavily contaminated material must be sent for incineration as per the previous method.

5. Waste transportation and disposal is being carried out by Grundon. Lorries will be called in to collect bulk bags when required, although there is a lead-in period for ordering a lorry. The lorries will be open flatbed type with curtain sides. These lorries can hold 24 pallets, and the bags will be stacked 2 per pallet. The lorry will pull up at a point beside the fence line that will be clearly marked, staying in the clean area at all times. A fencing panel will be removed by Land Clean to facilitate loading and then replaced until the next lorry arrives on site.

The bags on pallets will be lifted by the 360 excavator fitted with forklift attachment and loaded onto the back of the lorry through the gap made by removing the fence panel. The loading machine will stay in the dirty area at all times.

Lorry drivers will control the placing of the bags to ensure they are packed in the most efficient way. They will also stick identification labels onto each bag as required by Grundon's procedures. Once fully loaded, the lorry driver will then proceed to an area where they will check the load is secure and complete all relevant paperwork with Norwest Holst Limited's Site Waste Manager. This paperwork will consist of consignment notes brought to site by the drivers and signed by the driver and Site Waste Manager. A copy of the consignment note will be kept on site and a fully completed copy will also be returned to Norwest Holst once the waste has been transferred to the destination waste management centre. The contaminated waste will be incinerated at this centre in a controlled manner.

Upon leaving the site, all lorries will pass through the automated wheel wash located at the site entrance at Herbert Road.

6. Following receipt of positive test results from the laboratory indicating that PCB levels in the ground around an excavation are below the RTVs, backfilling will commence. Where permitted by the outcome of the PCB analysis, backfilling material will be taken from the stockpile of 'clean' arisings adjacent to an excavation. Otherwise, backfill material will either be material won from elsewhere on site or imported stone. Norwest Holst will make arrangements to supply this backfill material using an excavator and dumper. This plant will always remain outside the dirty area. It may be necessary to realign the perimeter fencing to enclose only that area still considered dirty, so that the dumper can access the area verified as clean. The excavator will be used to backfill, having previously cleaned the bucket to ensure no contamination is returned to the ground. Backfill material will be compacted to the satisfaction of Norwest Holst Limited.

7. Following completion of about half the excavation, testing and backfill, Terradat will carry out surveys to check that all drum locations have been cleared in the completed area. In particular, these surveys should pick up if any unknown drums were located deeper than the other drums and 'shadowed' by the shallower drums.

   Terradat will make a second visit upon completion of all excavation, testing and backfill works to verify that the other half of the contaminated area has been cleared. Following completion of the two visits, Terradat will provide a factual report on the survey's findings.

8. Upon completion of site works, machines will be cleaned by jet-wash, with water being collected in the skip for further testing. When plant is deemed to be clean, it will be allowed to exit the 'dirty area' and will be collected for removal from site. The decontamination unit and perimeter fence will be removed by Land Clean. The remediated area will now be available for Norwest Holst Limited to proceed with construction work.

6.0 Materials

1 tonne bulk bags – Grundon
Forklift Pallets – Norwest Holst Limited – Civils
Polythene sheeting – Norwest Holst Soils
Specialist PPE (overalls, gloves, goggles) – Land Clean & Norwest Holst Ltd

7.0 Plant / Equipment

1 x excavator with forklift attachment and 2 buckets – Land Clean
Heras fencing – Land Clean
Decontamination unit and generator – Land Clean
Sampling equipment – Norwest Holst Soils
Testing/monitoring equipment – Norwest Holst Soils & Mainstream
PID – Norwest Holst Soils
Jet wash – Land Clean
Skip – Norwest Holst Limited – Civils
Water Bowser – Norwest Holst Soils

8.0 Storage

All materials and plant listed above will be stored within the dirty area. Land Clean are responsible for allocating space for storage within the dirty area. Materials and plant are to be stored in a tidy fashion to prevent damage, contamination and/or injury.

9.0 Personnel

Norwest Holst Limited – Civils:
Matthew Phillips – Section Engineer – 07778 521464
Mac McGuinness – Foreman – 07748 105786
Dean Williams – Site Engineer

Norwest Holst Limited – Soils
Christiaan Wilkinson – Principal Environmental Scientist – 01133 859138
Sam Davies – Site Engineer – 07917 041997

Land Clean
Keith Rogers – Site Manager – 07733 328541
Plant Operator x 1

Technicians & Labourers x 2

Grundon
Paul McConaghy – Technical Waste Sales – 01491 834340
Lorry drivers

White Young Green Environmental
Rhys Davies – Senior Environmental Consultant – 07788 566787
Sarah Ling – Environmental Consultant – 07825 552006

Independent Validation Environmental Engineer
Bill Baker – 07970 219108

Terradat
Simon Hughes – Operations Manager – 08707 303050
Survey Operatives

10.0 Environment

The measures described above are in place to protect the environment, site operatives and members of the public. The monitoring regime defined in White Young Green's Remediation Strategy has been implemented to verify that these measures are preventing contamination. If any of the monitoring returns unsatisfactory results work will be stopped and the results and possible causes identified before implementing alternative procedures.

11.0 Other MS's, ITP's, etc.

Method for installation of monitoring boreholes is described in another method statement.

12.0 Drawings / sketches

The following drawings are located in Appendix B:

A042139/4406/ENV/102 – Monitoring Installations & Example Environmental Controls Plan
E3808/4406/ENV/103 – PCB Area Soil Remediation Plan

Appendix A
Risk Assessment

Appendix B
Drawings

1.0 RISK ASSESSMENT

Refer to the site specific risk assessment in construction design and management plan (CDM) and Hazard and Precaution Assessment attached to this method statement.

2.0 SCOPE

This method statement covers the aspects of the excavation, segregation of materials, validation sampling, storage of waste material and waste acceptance criteria sampling.

3.0 METHOD

Instructions will be issued in general terms for all remedial excavation pits on site unless there is a specific technical variation on one or more pits.

All pit locations shall be scanned with a CAT and GENNY to prove the absence of buried services. The top 1.20m shall be excavated with extreme caution and continuously scanned at regular intervals with the CAT.

Trial Pits will be excavated in pre surveyed locations to identify and remove the features reported in the previous geophysical survey carried out at the site.

Spoil from the excavations will be visually inspected and placed into the appropriate one tonne bag. PCB contaminated material generally identified as red brown grease will be placed in a one tonne bulk bag pre lined with a suitable impermeable plastic liner. Material that has passed the visual inspection for PCB wastes will be place in a one tonne bulk bag without a plastic liner. All bags containing the excavated materials should contain the following information;
Project Name and reference number,
Date
Location number
Range of depth of material

1m^3 of material surrounding the area identified as PCB contamination should be excavated and stored in a pre lined one tonne bulk bag. An additional 3m^3 of non-PCB contaminated material should then be excavated and placed in one tonne bulk bags without a plastic liner.

Validation sampling shall be taken from each side and the base of the excavation. Composite sampling methods should be use with samples collected from the base of the excavation first so as to minimise cross contamination from the remaining sides. The remaining material from the collection of the composite samples should remain in the excavated pit.

Excavated materials visually identified as containing PCBs should be photographed and visually logged. Physical contact with the PCB contaminated material should be minimised where possible. Sufficiently protective PPE should be warn at all times whilst carrying out excavations.

Extreme caution will be taken with all aspects of the excavation, logging, sampling, testing and photographing.

If water is encountered during excavation operations shall cease and the water level monitored and recorded at 5 minute intervals for a period of 20 minutes and if sufficient water is encountered a water sample recovered.

Supervision of the pit during excavation will be from the end of the pit furthest from the excavator therefore offering the smallest profile to collapse. The driver will be made aware when anyone is intending to enter the pit or when composite validation samples are required.

The JCB shall have two 2' buckets one bucket is to be used for the excavation of PCB materials the other bucket is to be used for all other excavations in order to prevent cross contamination.

For pits that remain left open secure barriers or heras fencing will be erected so as to prevent access to the pit and deep excavation warning signs prominently displayed. Where possible pits should be covered or back filled.

Excavated materials should be stored in an impermeable bunded area and covered with an impermeable sheeting

4.0 MATERIALS

One tonne bulk bags
Large plastic 1m^3 liner bags
Glass 1lt jars and lids
Glass 1lt bottles
Labels and string
Sticky labels
Spray paint – various colours

5.0 PLANT/ EQUIPMENT

Excavators – JCB -3CX with 2x 2 foot buckets
CAT
GENNY
Tape measure
Digital camera
Trial pit photo board and labels
Shovel or spade
Deionised water

6.0 STORAGE

Use of Norwest Holst Ltd metal container for consumables and equipment

7.0 PROTECTION

The working area has been assessed in accordance with the BDA guidelines for contaminants and has been designated as RED. The designation shall be indicated in the construction design and management (CDM) plan.

All personnel will be made aware that they are working in a potentially hazardous environment and the site risks. All personnel will attend an induction prior to undertaking any works on site. Preliminary Site Hazard Assessment Forms are available and these identify many of the potential problems and likely contaminants namely PCBs.

All operatives will be informed to report previously unidentified areas of made ground, variations in expected conditions, strange or pungent waters, gases or any ill health to senior NH site staff.

Personnel will be issued with appropriate PPE as determined by the senior environmental expert, who will be supervising and inspecting the works. Generally operatives carrying out the logging of material and filling of one tonne bulk bags should be provided with a high grade chemical resistant protective suite and gloves. All other operatives should be provided with standard contamination suits. Eye protection should be worn by all operatives within the working area.

8.0 PERSONNEL

1no JCB driver
1no site engineer
1no environmental specialist senior grade or above

9.0 ENVIRONMENT

During excavations be aware of signs that underground services may be present such as marker tiles etc. also be aware that if a concrete obstruction is encountered there is a possibility that the concrete may surround a service.

As designated in the Environment Agency special requirements. Keep fuel and other liquids at a safe distance and located as far away from the water course as reasonably possible at a distance of not less than 10m away.

Ensure that fuel and other liquids are stored in a bunded area with the bund capable of holding the contents of the container in question plus 10%.
Ensure spill kits and a supply of absorbent pads or oil dry is available on site.

If an accident or spillage occurs inform the EA on the emergency number: 0800 807 060, secure the area from site traffic and pedestrians and assist the EA.

THE ENVIRONMENT AGENCY CONTACT NUMBERS

General enquiries: 08708 506 506

Hazardous Waste Registration number: 08708 502 858

Flood line: 0845 988 1188

Incident hotline: 0800 807 060

10.0 OTHER INFORMATION

Refer to the site specific information provided in the construction design and management (CDM) plan.

Refer to method statement environmental sampling and sample handling where samples are required for environmental analysis.

Refer to NHSED COSHH assessment of all materials being used on site.

11.0 DRAWINGS/ SKETCHES

Refer to site specific exploratory hole location plans referenced in the CDM plan.

Refer to the site specific statutory undertakers utility plans referenced in the CDM plan

NORWEST HOLST

Method Statement

Title: PCB Removal and Disposal			**M.S. No:**	189573-MS025
			Rev. No:	addendum 1
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Contract Name:	Glebelands PFI Newport			
Rev No:	**Date:**	**Issue / Revision Record:**	**Author:**	**Approved by:**
add 1	29.07.08	For Construction	NHL	

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1.0	**Risk Assessment**	**8.0**	**Storage**
2.0	**Scope**	**9.0**	**Personnel**
3.0	**History**	**10.0**	**Environment**
4.0	**Order / priority**	**11.0**	**Other MS's, ITP's, etc.**
5.0	**Method**	**12.0**	**Drawings / sketches**
6.0	**Materials**		
7.0	**Plant / Equipment**		

Distribution:

1. **File**
2. **M. Phillips – NHL**
3. **D. Williams – NHL**
4. **M. McGuinness – NHL**
5. **NHL Soils**
6. **White Young Green Environmental**
7. **Bill Baker**
8. **Land Clean**

Notes:

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1.0 Risk Assessment

Refer to appendix A of the original method statement 189573-MS025 for Risk Assessment.

2.0 Scope

This method statement addendum covers the work required to review and validate the level of PCB contamination contained within selected bulk bags on site.

3.0 History

The accumulation of significant quantities of excavated material awaiting incineration has prompted site management to review the material being sent for incineration. It is suggested that a review of the soil already bagged and a more careful check on the soil to be bagged in future may reduce the quantity of material sent for incineration.

4.0 Order / priority

1. Visually re-assess backlog of bagged material & mark-up bags
2. Mark-up further bags as they are filled
3. Store bags in controlled manner
4. Sample bags for testing

5.0 Method

1. Bill Baker is to review the level of contamination in the bags already stored for removal by visual inspection. Those containing drums and obvious PCB contamination will be marked red. All others will be marked yellow to indicate they warrant testing. NHL Soils representative will work with Bill during this process so they are familiar with the criteria he is using to separate the bags and to record which bags have been labelled for testing. Sarah Ling of White Young Green will provide validation supervision and support to this process but it will be led by Bill. Return visits by Bill will be reviewed on a day-by-day basis.

2. The process of loading bags with soil and drums from the ground will continue, and these bags will again be marked up by NHL Soils with Sarah Ling identifying visible contamination and providing validation support.

3. The red- and yellow-marked bags will be stored separately by Land Clean in the manner set out in method statement 189573-MS025. The yellow bags will be stored in groups according to which trial pit location they were excavated from.

4. NHL Soils will take samples from bags in groups of ten as soon as a group of ten is available. Each sample will consist of material taken from all ten bags. Samples will be sent for laboratory analysis as soon as they are ready to prevent delay.

6.0 Materials

See method statement 189573-MS025. In addition, red and yellow spray cans will be supplied by Norwest Holst Limited.

7.0 Plant / Equipment

See method statement 189573-MS025.

8.0 Storage

All materials and plant listed above will be stored within the dirty area. Land Clean are responsible for allocating space for storage within the dirty area. Materials and plant are to be stored in a tidy fashion to prevent damage, contamination and/or injury.

9.0 Personnel

Norwest Holst Limited – Civils:
Matthew Phillips – Section Engineer – 07778 521464
Mac McGuinness – Foreman – 07748 105786
Dean Williams – Site Engineer

Norwest Holst Limited – Soils
Christiaan Wilkinson – Principal Environmental Scientist – 01133 859138
Sam Davies – Site Engineer – 07917 041997

Land Clean
Keith Rogers – Site Manager – 07733 328541
Plant Operator x 2
Technicians & Labourers x 4

Grundon
Paul McConaghy – Technical Waste Sales – 01491 834340
Lorry drivers

White Young Green Environmental
Rhys Davies – Senior Environmental Consultant – 07788 566787
Sarah Ling – Environmental Consultant – 07825 552006

Independent Validation Environmental Engineer

Bill Baker – 07970 219108

10.0 **Environment**

See method statement 189573-MS025.

11.0 **Other MS's, ITP's, etc.**

See method statement 189573-MS025.

12.0 **Drawings / sketches**

See method statement 189573-MS025.

NORWEST HOLST

Method Statement

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Rev No:	**Date:**	**Issue / Revision Record:**	**Author:**	**Approved by:**
add 2 rev 1	05.08.08 07.08.08	For Construction Note added about protection of soil from contamination	NHL NHL	

Contents:

1.0	**Risk Assessment**	**8.0**	**Storage**
2.0	**Scope**	**9.0**	**Contact Details**
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3. **D. Williams – NHL**
4. **M. McGuinness – NHL**
5. **NHL Soils**
6. **White Young Green Environmental**
7. **Bill Baker**
8. **Land Clean**

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1.0 Risk Assessment

Refer to appendix A of the original method statement 189573-MS025.

2.0 Scope

This method statement addendum covers the work involved in sending PCB waste to Veolia at Ellesmere Port as an alternative to Grundon.

3.0 History

The shut-down of Grundon's incinerator for a two week period and their inability to increase the number of wagon-loads to clear the backlog of material has resulted in NHL pursuing an alternative option. Veolia will now be incinerating the material in addition to any wagons that Grundon can provide.

4.0 Order / priority

1. Deliver UN approved drums
2. Deliver tele-handler and off-hire excavator
3. Transfer material from bags marked red into drums
4. Weigh drums and transfer labelling
5. Load drums onto wagon
6. Remove drums for incineration
7. Load further drums as material is excavated and repeat above

5.0 Method

1. UN Approved 205 litre steel drums with clips will be delivered by Forward Waste Management. Initial booked deliveries are 100no. by Wednesday 6th August, 230no. on Friday 8th August and 230no. on Monday 11th August. Further delivery requirements will be reviewed on an on-going basis. The drum material may be changed if a suitable UN approved alternative can be found. The method of off-loading will be determined when the first delivery arrives. Land Clean and NHL will work together to establish a safe method of working, either by offloading by hand or using a machine.

2. NHL will hire in a telehandler with drum clamps for handling the drums. This will be operated by a Land Clean employee holding a current and appropriately endorsed competence card. The telehandler will be delivered on Tuesday 5th August. On the same day, Land Clean will off-hire one excavator and driver.

3. Land Clean will begin to transfer contaminated material from the bulk bags marked red (see 189573-MS025 addendum 1) into the drums by holding the bags over the drums with the telehandler and slitting the

bottom of the bags with a knife. Operatives working with the drums and bags must wear eye protection due to the risk of splashing. Land Clean will initially concentrate on transferring the backlog of filled bags into drums for removal from site. The area surrounding the drums will be covered in plastic sheeting to protect the ground from contamination due to any overspill of material. Any loose material falling on the ground will be picked up by shovel and returned to the drum.

4. Filled drums will be handled by the telehandler using drum clamps. Initially they will be weighed using one of two sets of drum scales which will have been delivered on Wednesday 6th August (Note: Drum scales must be placed on concrete blocks and levelled by Land Clean. The levelling of the drum scales must be checked periodically). The drum weights will be recorded and marked on the drums along with identification. A method of relating bag labelling to drum labelling will be agreed between NHL Soils and White Young Green. This method will be communicated to NHL's site engineer Dean Williams. The drums will be sealed closed and transferred to pallets. Four drums will be loaded on each pallet, and these four will be held together using a banding machine. Finally the pallets will be positioned ready for collection. Each drum will have a label stuck to it which will have been provided to NHL by Veolia. This label identifies it as hazardous waste.

5. Flatbed wagons provided by Ken Jones Transport will come to site via the secondary access route. They are aware of the 12'6" headroom restriction along this route. The wagon will park adjacent to the 'dirty area' and a single heras fencing panel will be removed by Land Clean. The pallets will be loaded onto the rear of the wagon using the telehandler, under supervision by Land Clean's works manager. Once all pallets are loaded, the wagon driver will cover the entire load with a tarpaulin.

6. Prior to leaving site the Consignment Note and Booking Request Form MUST BE COMPLETED. These forms are sent to NHL by Veolia. NHL's Site Waste Manager (Matthew Phillips) will fill out the relevant section of the Consignment Note as the Consignor and the wagon driver will sign acceptance of the waste as the Carrier. The white copy will be held by NHL and the other copies taken by the wagon driver to Veolia. Matthew Phillips will write the Consignment Note Number on the Booking Request Form so that the two forms match (Note: Veolia must be informed of the Consignment Note number before the load is removed from site). The driver will leave site via the wheel-wash and proceed to Veolia's incinerator.

7. Further drums will be filled as material is excavated from the ground. To assist in loading drums Land Clean will erect a chute out of scaffold tubes and a half-pipe (these materials to be supplied by NHL). Material loaded

into the chute will slide down into the drums. Any material that gets stuck will be pushed forward using shovels. The chute can be lifted and moved if required using either the telehandler or an excavator. The above process for labelling, transferring, loading and removing the drums will be followed, as will the method of sheeting the ground to catch any overspill.

6.0 Materials

See above.

7.0 Plant / Equipment

See above.

8.0 Storage

All materials and plant listed above will be stored within the dirty area. Land Clean are responsible for allocating space for storage within the dirty area. Materials and plant are to be stored in a tidy fashion to prevent damage, contamination and/or injury. Initial space limitations may mean some drums have to be stored outside the dirty area. Only empty drums can be stored here, and Land Clean must liaise with NHL to determine an appropriate location which does not impact on other works.

9.0 Contact Details

Ken Jones Transport
Jeff – 01633 282366

Veolia – Incinerator at Ellesmere Port
Debbie – 0151 348 5224
Keith – 0151 348 5161

Forward Waste Management – Drum Supplier
Jon Walters – 07812 152665

10.0 Environment

See method statement 189573-MS025.

11.0 Other MS's, ITP's, etc.

See method statement 189573-MS025.

12.0 Drawings / sketches

See method statement 189573-MS025.

NORWEST HOLST

Method Statement

Title: PCB Removal and Disposal			**M.S. No:**	189573-MS025
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Rev No:	**Date:**	**Issue / Revision Record:**	**Author:**	**Approved by:**
add 3	19.8.08	For Construction	NHL	

Contents:

1.0	**Risk Assessment**	**8.0**	**Storage**
2.0	**Scope**	**9.0**	**Contact Details**
3.0	**History**	**10.0**	**Environment**
4.0	**Order / priority**	**11.0**	**Other MS's, ITP's, etc.**
5.0	**Method**	**12.0**	**Drawings / sketches**
6.0	**Materials**		
7.0	**Plant / Equipment**		

Distribution:

1. **File**
2. **M. Phillips – NHL**
3. **D. Williams – NHL**
4. **M. McGuinness – NHL**
5. **NHL Soils**
6. **White Young Green Environmental**
7. **Bill Baker**
8. **Land Clean**

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1.0 Risk Assessment

Refer to appendix A of the original method statement 189573-MS025. In addition to this risk assessment, two other significant risks have been identified:

1. **Risk:** PCB materials splashing onto operatives as the drums are dropped into the skip. **Mitigation:** Operatives to wear goggles at all times while working close to the skip; drums to be dropped from a low height.
2. **Risk:** Harm caused by unexpected foreign agents e.g. fibrous asbestos or vapours from hydrocarbons or solvents. **Mitigation:** Land Clean site manager to monitor potential hazard and implement RPE to protect site operatives. Appropriate choice of RPE to be made by Land Clean site manager based on his experience. He is also to ensure that filters are regularly changed in a timely manner.

2.0 Scope

This method statement addendum covers the work involved in compressing corroded drums so that they are small enough to fit inside new 205 litre UN approved drums.

3.0 History

It has become necessary to send the corroded drums being excavated from the PCB area to Veolia for incineration. Many of the drums are currently too large to fit inside the UN approved drums that Veolia can accept. This method statement describes how the drums will be re-shaped and compressed so that they will fit inside the UN approved drums.

4.0 Order / priority

1. Establish bunded area and line with polythene
2. Deliver skip & excavator
3. Place initial soil layer in skip
4. Transfer corroded drums from bags into the skip
5. Transfer corroded drums from the excavation into the skip
6. Compress corroded drums and ‘work’ the soil
7. Load compressed drums and contaminated soil into UN approved drums
8. Clean plant prior to removal from site

5.0 Method

1. Land Clean to clear an area currently occupied by bags of material and level the area off using an excavator. The excavator will establish a bund completely surrounding this area. The whole area, including the bunds, will be polythene sheeted.

2. A 16 yard skip in good condition will be delivered and placed directly onto the polythene in the centre of the bunded area. A 5 tonne excavator (hired by NHL) will also be delivered to site.

3. The 5 tonne excavator will empty soil from several of the bags and spread it evenly across the base of the skip. The soil will be ramped up towards the door end of the skip in order to seal this end.

4. The 5 tonne excavator will start working to clear the backlog of corroded drums currently stored in bulk bags. The excavator will lift one bag at a time from the storage area and place it into the skip. The bag will then be tipped using the machine bucket and the corroded drum worked free. If this method doesn't work it will be necessary for the excavator to lift the bag and an operative to cut the base of the bag to allow the drum to fall free. This will be repeated until several drums have been accumulated. Drums will be dropped from a low height to reduce the risk of PCB material splashing. All operatives working around the skip must be wearing goggles in addition to the standard 'dirty area' PPE to protect them from any splashing of PCB.

5. Meanwhile, the larger 13 tonne excavator will be excavating material from the trial pits. Contaminated soil will be loaded directly into UN approved drums using the method described in previous method statements. Corroded drums will be loaded into a dumper. When several drums have been loaded into the dumper, it will be driven to the skip. Experience has shown that most of the drums will be dry so it will be safe to tip straight into the skip. However, if there is evidence of liquid product (PCBs) the method will be reviewed and probably amended so that the 5 tonne excavator lifts the drums from the dumper and places them carefully into the skip.

6. The 5 tonne excavator will then compress the drums using the back of its bucket until they are small enough to fit into the UN approved drums. Compressed drums will be moved to the opposite end of the skip ready for removal. Most of the PCB within the corroded drums is expected to be in a greasy, viscous state that will not readily flow out of the drums. However, PCBs in a more liquid state have been encountered so this must be expected. The PCB material will be absorbed into the soil in the base of the skip. The excavator will 'work' the soil and PCBs to ensure they are fully absorbed ready for loading into drums. Where soil becomes saturated it will be moved to the end of the skip and more soil will be brought in to cover the base of the skip.

7. The 5 tonne excavator will lift the compressed drums and load them into UN approved drums under the guidance of a banksman. The remainder of the drums can be filled with contaminated soil using the method

described in previous method statements.

8. Upon completion of the works, all plant will be cleaned of PCBs by jet-washer. The water produced will be collected and removed from site in a controlled manner so as not to cross-contaminate the ground. The method of removal from site is to be advised.

6.0 Materials

See above.

7.0 Plant / Equipment

See above.

8.0 Storage

All materials and plant listed above will be stored within the dirty area. Land Clean are responsible for allocating space for storage within the dirty area. Materials and plant are to be stored in a tidy fashion to prevent damage, contamination and/or injury.

9.0 Contact Details

See original method statement 189573-MS025.

10.0 Environment

The measures described above are designed to prevent contamination of the ground by PCB material. The use of soil to seal the skip should prevent most of the PCB material from leaving the skip. Any small quantities that do leak out of the skip will be caught and contained by the polythene sheeting and bunds. Cleaning of the plant will prevent contaminated plant leaving the site.

11.0 Other MS's, ITP's, etc.

See method statement 189573-MS025.

12.0 Drawings / sketches

See method statement 189573-MS025.

Method Statement
For
Norwest Holst
Newport.

Issue Date: Nov 07 Issue No: 1 SFR 98

CONTENTS

1.0 Risk Assessment
2.0 Supervision and Contact List
3.0 PPE Requirements
4.0 Summary of Operations
5.0 Detailed Operations
6.0 Working Procedures

Annex A – Method Statement Register.

1 RISK ASSESSMENTS

Site Location	Date of Assessment	Assessed by
Newport	23rd Feb 2009	Keith Rogers

Hazard	Probability P	Severity S	Significance PxS	Take Action	New P	New S	New PxS
Description of Work Assessed:	The Treatment and off-disposal off contaminated soils						
Responding to an emergency release of fuel.	2	4	8	Refer to COSHH data sheets. Fuel spill kits, Enact procedures for spills. Ensure use of PPE when necessary.	1	4	4
Emissions from untreated soil.	2	2	4	Use PPE and RPE when necessary. Refer to COSHH assessment.	1	2	2
Injury from Manual handling	3	2	6	No unassisted lifts over 25kg – use mechanical assistance wherever possible. Seek assistance.	2	2	4
Release of dust	3	1	3	Dust monitoring, provide PPE. Spray stockpiles with water when necessary and cover if possible. Refer to COSHH assessments.	2	1	2
Crushing, physical hazards	2	3	6	Moving plant; use designated walkways where possible, attract operator's attention before approaching. Use correct PPE. Do not stand too close to moving machinery.	1	3	3
Slips, Trips & Falls	3	3	9	Use designated walkways, be aware of ground conditions	2	3	6
Hearing damage	3	1	3	Use appropriate PPE (i.e. ear defenders) where necessary.	1	1	1
Release of Fine Lime	3	5	15	Dust Monitoring, provide PPE. Controlled working methods.	1	5	5

Probability Rating

1 = Improbable occurrence, typically less than once per year

2 = Low frequency occurrence, between yearly and monthly

3 = Occasional occurrence i.e. monthly or even weekly

4 = Frequent occurrence i.e. may happen twice a week

5 = Common occurrence i.e. can be expected to happen on a daily basis

Severity Rating

1 = Minor cut or bruise which requires treatment by a first aider where the employee can return to work immediately

2 = Significant injury, where follow up treatment or alternative work may be necessary.

3 = Major injury to one person, requiring hospital treatment or involving absence from work.

4 = Multiple major injuries

5 = Death or implementation of site emergency plan.

If new probability rating after control measures is 2 or less this is deemed adequate, If new probability rating is 3 or more – further control measures are required before task is carried out.

2 SUPERVISION AND CONTACT LIST

The excavation will require the following staff:

- Land Clean Site Manager Keith Rogers
- Plant Operators
- Labourers

In the event of an emergency, the Land Clean Site Manager will be the first point of contact, and will take charge of assessing further actions.
Please also refer to site specific Emergency procedures.

Names and numbers are given below:

Emergency Contacts

LAND CLEAN SITE MANAGER	**Keith Rogers**	**07733328541**
↓		
NORWEST HOLST	**Matthew Phillips**	**07778521464**
↓		
EMERGENCY SERVICES:		**999**
ALSO SEE EMERGENCY PROCEEDURES & SITE SPECIFIC SAFETY INDUCTION		

3 PPE REQUIREMENTS

The following PPE is required for all works at the site:

Hard hat, safety footwear, Safety specs, Hi vis, protective latex/rubber/textile gloves.

Additional PPE may be required for specific tasks, but will be provided as necessary, including:

Disposable overalls, protective goggles, full-face visors, RPE.

Please see Site Specific Safety Induction.

4 SUMMARY OF OPERATIONS

In summary, the following activities will form the operations that are required:

- The empting of materials from drums and placing into stockpiles.
- The Screening of over size from Stockpiled materials.
- The lime stabilization of materials.
- The Off-site disposal of materials to landfill.

4.1 Equipment Required

Mechanical equipment required will be as follows:

- Tele handler fork lift
- Mobile site screener
- Tractor
- Lime stabilization unit
- Lorries for transportation of stabilized soils to landfill

5 DETAILED OPERATION

Empting of materials from drums

A tele handler forklift will be used to empty the materials out of the steel drums, the forklift will collect the drums from the area where they are stored and transport them to the treatment area. There they will be empted using the forks and stockpiled. All operatives will stand clear of the forklift while it is manipulating the drums. The empted drums will be cleaned using a jet wash ready for disposal.

Removal of oversized material from soils

A mobile screener will be used to take oversized materials out of the soils before they are stabilized with lime ready for transportation to landfill.

Lime stabilization of soils

A lime stabilization unit will be mounted onto a tractor this will be used to mix the lime into the soils, the soils will be laid out in the treatment area where the stabilization unit will pass over them and lime will be turned and mixed into the soils. Once the soils have been mixed the oversize materials will be reintroduced and placed into a stock pile to await transportation to landfill.

Transportation of materials to landfill

A 360 excavator will load the stabilized soils directly into the back of the Lorries the lorry driver will remain in the cab while this is happening. Once the Lorries have been loaded and sheeted the drivers will collect all relevant paper work before leaving site.

6 WORKING PROCEDURES

6.1 Procedures for Safety of Operatives.

The Land Clean Site Manager will induct all personnel working on the site.

No eating, smoking or drinking will be permitted anywhere on the site except in designated welfare areas.

Prior to commencing works all operatives will be issued with RPE and PPE in accordance with the Site Specific Safety Induction. All safety equipment will be of an approved type.

All works will be carried out to method statements and procedures, as well as good working practise.

6.2 Public Safety & Access

No access will be allowed to the site unless authorised by the Land Clean Site Manager. Public safety is relevant as stated above in detailed operation.

6.3 Emergency Procedures & First Aid.

Emergency Procedures for a Casualty

Arrangements for Dealing with a Casualty

- Summon first aid personnel immediately.
- Ensure the casualty comes to no further harm.
- DO NOT ENDANGER YOUR OWN LIFE.
- Trained staff shall administer first aid as required.
- Inform incident controller.

If casualty requires an ambulance;

- Alert emergency services by telephone (Dial 999) Stating;
- Your name and location.
- Nature of injuries
- Action taken so far
- Inform them of any special circumstances.

If hospital treatment is required.

- First aid personnel are to attend hospital with the casualty.

- Inform any relevant persons (relative etc.)

Enter details of accident in accident book at their earliest opportunity.

EMERGENCY PROCEEDURE FOR FIRE

Emergency Arrangements for Controlling a Major Incident i.e. Fire.

- Raise the alarm by informing all personnel.
- All personnel shall evacuate the site to the emergency assembly point in a safe orderly fashion escorting any visitors to the assembly point (located in the main car park adjacent to the site office.
- The site Fire Marshal shall proceed to ensure complete evacuation providing aid to any persons requiring assistance i.e. – disabled or injured persons etc. and assess the level of response required for the situation.
- First aid personnel may treat any casualties at this time.
- The Fire Marshall shall complete a roll call to ensure complete evacuation.
- The Fire marshal shall summon the necessary emergency services by dialling 999 on the telephone detailing nature of the incident including any special considerations i.e. contaminated areas, Flammables storage areas, excavations etc.
- When the emergency services arrive the Fire Marshal shall proceed to inform the emergency services to the nature of incident – level of evacuation – any special considerations etc.

All visitors to our premises must be informed of the Fire Procedures – Location of Fire Exits – and Fire Call Point, they will be escorted whilst on our premises at all times.

Note

Emergency procedures vary from site to site therefore it is imperative all staff familiarise themselves with site specific emergency procedures. For all sites these will be detailed in the site specific induction.

Annex B
Method Statement Register

Method Statement Register	
Record No. P-522	Competent Person Keith Rogers

Attendees

	Name	Signature I have read and understood this method statement and will not deviate from it	Date
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			

Operative Comments and Feedback

If you have any comments or ideas on safer methods of working then write them here and discuss them with the instructor

Appendix G NHSED Plates, Borehole and Excavation Logs

Norwest Holst Soil Engineering Ltd.

BOREHOLE LOG - CABLE PERCUSSION

Hole ID.
BH601
Header

Contract No.	F15285	Method	Cable Percussion	Coordinates	-
Project	Durham Road, Newport				-
		Drilling Rig	Dando 2000	Ground Level	-
Client	Vinci PLC	Driller	DE	Orientation	Vertical
		Logged by	SD	Date Started	17/06/2008
Consultant	White Young Green			Date Completed	17/06/2008

PROGRESS

Date	Time	Hole depth	Casing depth	Water depth	Remarks
17/06/2008	1130	2.40	2.40	2.20	End of BH

BORING DETAILS

Hard Strata from depth	Hard Strata to depth	Chiselling hours	Remarks

CASING

Hole diam.	Max depth of hole at dia.	Casing diameter	Max depth of casing of dia.
150	2.40	150	2.40

WATER STRIKES

Date	Time	Strike at depth	Rise to depth	Time taken to rise	Flow	Casing depth at strike time	Casing depth to seal flow

GENERAL NOTES

1. Hand dug service inpsection pit from GL to 1.20m.
2. Borehole completed 2.40m depth.
3. No samples taken during drilling. Borehole constructed for water monitoring purposes only.
4. 50mm diameter standpipe installed with slotted from 2.20m up to 0.50m depth.

SPT DETAILS

Depth	Type	Incremental blow count/penetration	Casing	Water Depth

* Seating blows only.

NOTES: All depths in metres, all diameters in millimetres, water strike rise time in minutes, chiselling time in hours.

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Norwest Holst Soil Engineering Ltd.

BOREHOLE LOG - CABLE PERCUSSION

Hole ID.
BH601
Sheet 1 of 1

Contract No.	F15285	Method	Cable Percussion	Coordinates	-
Project	Durham Road, Newport				-
		Drilling Rig	Dando 2000	Ground Level	-
Client	Vinci PLC	Driller	DE	Orientation	Vertical
		Logged by	SD	Date Started	17/06/2008
Consultant	White Young Green			Date Completed	17/06/2008

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling	SPT N & (U blows)	SPT type & depth	Install-ation
MADE GROUND: Topsoil with rootlets		0.10					
MADE GROUND: Dark brown and black clayey gravelly sand with frequent ash, clinker, glass, metal, brick and electrical components.							
--- below 1.00m becoming slightly clayey.							
		2.20					
Soft light grey mottled brown organic CLAY with occasional reddish brown coarse sand lenses (<10mm thick). (ALLUVIUM)		2.40					
Cable Percussion boring complete at 2.40 m.							

NOTES: All depths in metres, all diameters in millimetres.
See header sheet for details of boring, progress and water strikes. See legend sheet for key to symbols.

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Norwest Holst Soil Engineering Ltd.

BOREHOLE LOG - CABLE PERCUSSION

Hole ID.
BH602
Header

Contract No.	F15285	Method	Cable Percussion	Coordinates	-
Project	Durham Road, Newport				-
		Drilling Rig	Dando 2000	Ground Level	-
Client	Vinci PLC	Driller	DE	Orientation	Vertical
		Logged by	SD	Date Started	17/06/2008
Consultant	White Young Green			Date Completed	17/06/2008

PROGRESS

Date	Time	Hole depth	Casing depth	Water depth	Remarks
17/06/2008	1700	3.40	3.40	2.80	End of BH

BORING DETAILS

Hard Strata from depth	Hard Strata to depth	Chiselling hours	Remarks

CASING

Hole diam.	Max depth of hole at dia.	Casing diameter	Max depth of casing of dia.
150	3.40	150	3.40

WATER STRIKES

Date	Time	Strike at depth	Rise to depth	Time taken to rise	Flow	Casing depth at strike time	Casing depth to seal flow

GENERAL NOTES

1. Hand dug service inpsection pit from GL to 1.20m.
2. Borehole completed 3.40m depth.
3. No samples taken during drilling. Borehole constructed for water monitoring purposes only.
4. 50mm diameter standpipe installed with slotted from 2.40m up to 0.50m depth.

SPT DETAILS

Depth	Type	Incremental blow count/penetration	Casing	Water Depth
		* Seating blows only.		

NOTES: All depths in metres, all diameters in millimetres, water strike rise time in minutes, chiselling time in hours.

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BOREHOLE LOG - CABLE PERCUSSION

Hole ID.
BH602
Sheet 1 of 1

Contract No.	F15285	Method	Cable Perscussion	Coordinates	-
Project	Durham Road, Newport				-
		Drilling Rig	Dando 2000	Ground Level	-
Client	Vinci PLC	Driller	DE	Orientation	Vertical
		Logged by	SD	Date Started	17/06/2008
Consultant	White Young Green			Date Completed	17/06/2008

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling	SPT N & (U blows)	SPT type & depth	Install-ation
MADE GROUND: Topsoil with rootlets.		0.10					
MADE GROUND: Black and reddish brown slightly clayey slightly gravelly sand with frequent ash, clinker, glass bottles, brick, wire, ceramics, concrete and occasional sandstone gravels and cobbles.		2.40					
MADE GROUND: Light grey slightly gravelly slightly sandy clay with thin strips of bark (<20mm thick). Sand is fine to coarse. Gravel is angular to subrounded fine to coarse.		2.80					
Soft light grey mottled brown organic CLAY. (ALLUVIUM)		3.40					
Cable Percussion boring complete at 3.40 m.							

NOTES: All depths in metres, all diameters in millimetres.
See header sheet for details of boring, progress and water strikes. See legend sheet for key to symbols.

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BOREHOLE LOG - CABLE PERCUSSION

Hole ID.
BH603
Header

Contract No.	F15285	Method	Cable Percussion	Coordinates	-
Project	Durham Road, Newport				-
		Drilling Rig	Dando 2000	Ground Level	-
Client	Vinci PLC	Driller	DE	Orientation	Vertical
		Logged by	SD	Date Started	18/06/2008
Consultant	White Young Green			Date Completed	18/06/2008

PROGRESS

Date	Time	Hole depth	Casing depth	Water depth	Remarks
18/06/2008	1130	3.40	3.40	DRY	End of BH

BORING DETAILS

Hard Strata from depth	Hard Strata to depth	Chiselling hours	Remarks

CASING

Hole diam.	Max depth of hole at dia.	Casing diameter	Max depth of casing of dia.
150	3.40	150	3.40

WATER STRIKES

Date	Time	Strike at depth	Rise to depth	Time taken to rise	Flow	Casing depth at strike time	Casing depth to seal flow

GENERAL NOTES

1. Hand dug service inpsection pit from GL to 1.20m.
2. Borehole completed 3.40m depth.
3. No samples taken during drilling. Borehole constructed for water monitoring purposes only.
4. 50mm diameter standpipe installed with slotted from 2.40m up to 0.50m depth.

SPT DETAILS

Depth	Type	Incremental blow count/penetration	Casing	Water Depth

* Seating blows only.

NOTES: All depths in metres, all diameters in millimetres, water strike rise time in minutes, chiselling time in hours.

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BOREHOLE LOG - CABLE PERCUSSION

Hole ID.
BH603
Sheet 1 of 1

Contract No.	F15285	Method	Cable Percussion	Coordinates	-
Project	Durham Road, Newport				-
		Drilling Rig	Dando 2000	Ground Level	-
Client	Vinci PLC	Driller	DE	Orientation	Vertical
		Logged by	SD	Date Started	18/06/2008
Consultant	White Young Green			Date Completed	18/06/2008

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling	SPT N & (U blows)	SPT type & depth	Install-ation
MADE GROUND: Topsoil with rootlets.		0.10					
MADE GROUND: Black and reddish brown slightly clayey slightly gravelly sand with frequent ash, clinker, glass bottles, brick, wire, ceramics, concrete and occasional sandstone gravels and cobbles.							
Soft light grey organic CLAY. (ALLUVIUM)		2.40					
Cable Percussion boring complete at 3.40 m.		3.40					

NOTES: All depths in metres, all diameters in millimetres.
See header sheet for details of boring, progress and water strikes. See legend sheet for key to symbols.

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BOREHOLE LOG - CABLE PERCUSSION

Hole ID.
BH604
Header

Contract No.	F15285	Method	Cable Percussion	Coordinates	-
Project	Durham Road, Newport				-
		Drilling Rig	Dando 2000	Ground Level	-
Client	Vinci PLC	Driller	DE	Orientation	Vertical
		Logged by	SD	Date Started	18/06/2008
Consultant	White Young Green			Date Completed	18/06/2008

PROGRESS

Date	Time	Hole depth	Casing depth	Water depth	Remarks
18/06/2008	1700	3.30	3.30	DRY	End of BH

BORING DETAILS

Hard Strata from depth	Hard Strata to depth	Chiselling hours	Remarks

CASING

Hole diam.	Max depth of hole at dia.	Casing diameter	Max depth of casing of dia.
150	3.30	150	3.30

WATER STRIKES

Date	Time	Strike at depth	Rise to depth	Time taken to rise	Flow	Casing depth at strike time	Casing depth to seal flow

GENERAL NOTES

1. Initial hand dug inspection pit hit concrete obstruction at 0.40m depth. Borehole moved 2m east.
2. Hand dug service inpsection pit from GL to 1.20m.
2. Borehole completed 3.30m depth.
3. No samples taken during drilling. Borehole constructed for water monitoring purposes only.
4. 50mm diameter standpipe installed with slotted from 2.30m up to 0.50m depth.

SPT DETAILS

Depth	Type	Incremental blow count/penetration	Casing	Water Depth

* Seating blows only.

NOTES: All depths in metres, all diameters in millimetres, water strike rise time in minutes, chiselling time in hours.

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BOREHOLE LOG - CABLE PERCUSSION

Hole ID.
BH604
Sheet 1 of 1

Contract No.	F15285	Method	Cable Percussion	Coordinates	-
Project	Durham Road, Newport				-
		Drilling Rig	Dando 2000	Ground Level	-
Client	Vinci PLC	Driller	DE	Orientation	Vertical
		Logged by	SD	Date Started	18/06/2008
Consultant	White Young Green			Date Completed	18/06/2008

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling	SPT N & (U blows)	SPT type & depth	Install-ation
MADE GROUND: Topsoil with rootlets.		0.10					
MADE GROUND: Black and reddish brown slightly clayey slightly gravelly sand with frequent ash, clinker, glass bottles, lead fishing weights and ceramics.							
Frim light brown mottled light brown organic clay with occasional thin strips of bark (<20mm thick). (ALLUVIUM)		2.30					
Cable Percussion boring complete at 3.30 m.		3.30					

NOTES: All depths in metres, all diameters in millimetres.
See header sheet for details of boring, progress and water strikes. See legend sheet for key to symbols.

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BOREHOLE LOG - CABLE PERCUSSION

Hole ID.
BH605
Header

Contract No.	F15285	Method	Cable Percussion	Coordinates	-
Project	Durham Road, Newport				-
		Drilling Rig	Dando 2000	Ground Level	-
Client	Vinci PLC	Driller	DE	Orientation	Vertical
		Logged by	SD	Date Started	19/06/2008
Consultant	White Young Green			Date Completed	19/06/2008

PROGRESS

Date	Time	Hole depth	Casing depth	Water depth	Remarks
09/03/2009	1100	3.40	3.40	DRY	End of BH

BORING DETAILS

Hard Strata from depth	Hard Strata to depth	Chiselling hours	Remarks

CASING

Hole diam.	Max depth of hole at dia.	Casing diameter	Max depth of casing of dia.
150	3.40	150	3.40

WATER STRIKES

Date	Time	Strike at depth	Rise to depth	Time taken to rise	Flow	Casing depth at strike time	Casing depth to seal flow

GENERAL NOTES

1. Hand dug service inpsection pit from GL to 1.20m.
2. Borehole completed 3.40m depth.
3. No samples taken during drilling. Borehole constructed for water monitoring purposes only.
4. 50mm diameter standpipe installed with slotted from 2.40m up to 0.50m depth.

SPT DETAILS

Depth	Type	Incremental blow count/penetration	Casing	Water Depth
		* Seating blows only.		

NOTES: All depths in metres, all diameters in millimetres, water strike rise time in minutes, chiselling time in hours.

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BOREHOLE LOG - CABLE PERCUSSION

Hole ID.
BH605
Sheet 1 of 1

Contract No.	F15285	Method	Cable Percussion	Coordinates	-
Project	Durham Road, Newport				-
		Drilling Rig	Dando 2000	Ground Level	-
Client	Vinci PLC	Driller	DE	Orientation	Vertical
		Logged by	SD	Date Started	19/06/2008
Consultant	White Young Green			Date Completed	19/06/2008

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling	SPT N & (U blows)	SPT type & depth	Install-ation
MADE GROUND: Topsoil with rootlets.		0.10					
MADE GROUND: Black and reddish brown slightly clayey slightly gravelly sand with frequent ash, clinker, glass bottles, brick, wire, ceramics and occasional concrete cobbles.							
Soft light grey organic CLAY. (ALLUVIUM)		2.40					
Cable Percussion boring complete at 3.40 m.		3.40					

NOTES: All depths in metres, all diameters in millimetres.
See header sheet for details of boring, progress and water strikes. See legend sheet for key to symbols.

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BOREHOLE LOG - CABLE PERCUSSION

Hole ID.
BH606
Header

Contract No.	F15285	Method	Cable Percussion	Coordinates	-
Project	Durham Road, Newport				-
		Drilling Rig	Dando 2000	Ground Level	-
Client	Vinci PLC	Driller	DE	Orientation	Vertical
		Logged by	SD	Date Started	19/06/2008
Consultant	White Young Green			Date Completed	19/06/2008

PROGRESS

Date	Time	Hole depth	Casing depth	Water depth	Remarks
19/06/2008	1330	2.80	2.80	1.90	End of BH

BORING DETAILS

Hard Strata from depth	Hard Strata to depth	Chiselling hours	Remarks

CASING

Hole diam.	Max depth of hole at dia.	Casing diameter	Max depth of casing of dia.
150	2.80	150	2.80

WATER STRIKES

Date	Time	Strike at depth	Rise to depth	Time taken to rise	Flow	Casing depth at strike time	Casing depth to seal flow

GENERAL NOTES

1. Hand dug service inpsection pit from GL to 1.20m.
2. Borehole completed 2.80m depth.
3. No samples taken during drilling. Borehole constructed for water monitoring purposes only.
4. 50mm diameter standpipe installed with slotted from 1.60m up to 0.50m depth.

SPT DETAILS

Depth	Type	Incremental blow count/penetration	Casing	Water Depth

* Seating blows only.

NOTES: All depths in metres, all diameters in millimetres, water strike rise time in minutes, chiselling time in hours.

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BOREHOLE LOG - CABLE PERCUSSION

Hole ID.
BH606
Sheet 1 of 1

Contract No.	F15285	Method	Cable Percussion	Coordinates	-
Project	Durham Road, Newport				-
		Drilling Rig	Dando 2000	Ground Level	-
Client	Vinci PLC	Driller	DE	Orientation	Vertical
		Logged by	SD	Date Started	19/06/2008
Consultant	White Young Green			Date Completed	19/06/2008

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling	SPT N & (U blows)	SPT type & depth	Install-ation
MADE GROUND: Reddish brown sandy fine to coarse gravel. (Sub-base)		0.30					
MADE GROUND: Black and reddish brown slightly clayey slightly gravelly sand with frequent ash, clinker, glass bottles, ceramics, concrete fragments.		1.60					
Soft and firm light grey mottled brown organic CLAY. (ALLUVIUM)		2.80					
Cable Percussion boring complete at 2.80 m.							

NOTES: All depths in metres, all diameters in millimetres.
See header sheet for details of boring, progress and water strikes. See legend sheet for key to symbols.

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BOREHOLE LOG - CABLE PERCUSSION

Hole ID.
BH607
Header

Contract No.	F15285	Method	Cable Percussion	Coordinates	-
Project	Durham Road, Newport				-
		Drilling Rig	Dando 2000	Ground Level	-
Client	Vinci PLC	Driller	DE	Orientation	Vertical
		Logged by	SD	Date Started	19/06/2008
Consultant	White Young Green			Date Completed	19/06/2008

PROGRESS

Date	Time	Hole depth	Casing depth	Water depth	Remarks
19/06/2008	1730	2.80	2.80	1.80	End of BH

BORING DETAILS

Hard Strata from depth	Hard Strata to depth	Chiselling hours	Remarks

CASING

Hole diam.	Max depth of hole at dia.	Casing diameter	Max depth of casing of dia.
150	2.80	150	2.80

WATER STRIKES

Date	Time	Strike at depth	Rise to depth	Time taken to rise	Flow	Casing depth at strike time	Casing depth to seal flow

GENERAL NOTES

1. Hand dug service inpsection pit from GL to 1.20m.
2. Borehole completed 2.80m depth.
3. No samples taken during drilling. Borehole constructed for water monitoring purposes only.
4. 50mm diameter standpipe installed with slotted from 1.8m up to 0.50m depth.

SPT DETAILS

Depth	Type	Incremental blow count/penetration	Casing	Water Depth

* Seating blows only.

NOTES: All depths in metres, all diameters in millimetres, water strike rise time in minutes, chiselling time in hours.

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BOREHOLE LOG - CABLE PERCUSSION

Hole ID.
BH607
Sheet 1 of 1

Contract No.	F15285	Method	Cable Percussion	Coordinates	-
Project	Durham Road, Newport				-
		Drilling Rig	Dando 2000	Ground Level	-
Client	Vinci PLC	Driller	DE	Orientation	Vertical
		Logged by	SD	Date Started	19/06/2008
Consultant	White Young Green			Date Completed	19/06/2008

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling	SPT N & (U blows)	SPT type & depth	Install-ation
MADE GROUND: Reddish brown sandy fine to coarse gravel. (Sub-base)		0.30					
MADE GROUND: Black and reddish brown slightly clayey slightly gravelly sand with frequent ash, clinker, glass bottles, ceramics, concrete fragments.		1.80					
Soft and firm light grey mottled brown organic CLAY. (ALLUVIUM)		2.80					
Cable Percussion boring complete at 2.80 m.							

NOTES: All depths in metres, all diameters in millimetres.
See header sheet for details of boring, progress and water strikes. See legend sheet for key to symbols.

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Norwest Holst Soil Engineering Ltd.

BOREHOLE LOG - CABLE PERCUSSION

Hole ID.
BH608
Header

Contract No.	F15285	Method	Cable Percussion	Coordinates	-
Project	Durham Road, Newport				-
		Drilling Rig	Dando 2000	Ground Level	-
Client	Vinci PLC	Driller	DE	Orientation	Vertical
		Logged by	SD	Date Started	20/06/2008
Consultant	White Young Green			Date Completed	20/06/2008

PROGRESS

Date	Time	Hole depth	Casing depth	Water depth	Remarks
20/06/2008	1500	2.90	2.50	1.50	End of BH

BORING DETAILS

Hard Strata from depth	Hard Strata to depth	Chiselling hours	Remarks

CASING

Hole diam.	Max depth of hole at dia.	Casing diameter	Max depth of casing of dia.
150	2.90	150	2.50

WATER STRIKES

Date	Time	Strike at depth	Rise to depth	Time taken to rise	Flow	Casing depth at strike time	Casing depth to seal flow

GENERAL NOTES

1. Hand dug service inpsection pit from GL to 1.20m.
2. Borehole completed 2.90m depth.
3. No samples taken during drilling. Borehole constructed for water monitoring purposes only.
4. 50mm diameter standpipe installed with slotted from 1.90m up to 0.50m depth.

SPT DETAILS

Depth	Type	Incremental blow count/penetration	Casing	Water Depth

* Seating blows only.

NOTES: All depths in metres, all diameters in millimetres, water strike rise time in minutes, chiselling time in hours.

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BOREHOLE LOG - CABLE PERCUSSION

Hole ID.
BH608
Sheet 1 of 1

Contract No.	F15285	Method	Cable Percussion	Coordinates	-
Project	Durham Road, Newport				-
		Drilling Rig	Dando 2000	Ground Level	-
Client	Vinci PLC	Driller	DE	Orientation	Vertical
		Logged by	SD	Date Started	20/06/2008
Consultant	White Young Green			Date Completed	20/06/2008

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling	SPT N & (U blows)	SPT type & depth	Install-ation
MADE GROUND: Topsoil over reddish brown sandy fine to coarse gravel. (Sub-base)							
		0.35					
MADE GROUND: Black and reddish brown slightly clayey slightly gravelly sand with frequent ash, clinker, glass bottles, brick and wire.							
		1.90					
Soft and firm light grey with brown mottling organic CLAY. (ALLUVIUM)							
		2.90					
Cable Percussion boring complete at 2.90 m.							

NOTES: All depths in metres, all diameters in millimetres.
See header sheet for details of boring, progress and water strikes. See legend sheet for key to symbols.

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Norwest Holst Soil Engineering Ltd.

BOREHOLE LOG - ROTARY

Hole ID.
BH604A
Header

Contract No.	F15285	Method	Rotary Openholing	Coordinates	-
Project	Durham Road, Newport	Drilling Rig	Comacchio 205		-
		Driller	TOR	Ground Level	-
Client	Vinci PLC	Logged by	SD	Orientation	Vertical
		Core barrel	DTH	Date Started	19/06/2008
Consultant	White Young Green	Core bit		Date Completed	19/06/2008

PROGRESS

Date	Time	Hole depth	Casing depth	Water depth	Remarks
19/06/2008	1700	14.80	14.00	2.80	End of BH

DRILLING DETAILS

From depth	To depth	Flush type	Flush return	Core diameter
0.00	14.80	Air/Mist	Good	121

CASING

Hole diam.	Max depth of hole at dia.	Casing diameter	Max depth of casing of dia.
121	14.80	121	14.00

WATER STRIKES

Date	Time	Strike at depth	Rise to depth	Time taken to rise	Flow	Casing depth at strike time	Casing depth to seal flow

GENERAL NOTES

1. Hand dug service inpsection pit from GL to 1.20m.
2. Borehole completed 14.80m depth.
3. No samples taken during drilling. Borehole constructed for water monitoring purposes only.
4. 50mm diameter standpipe installed with slotted from 14.10m up to 12.00m depth.

SPT DETAILS

Depth	Type	Incremental blow count/penetration	Casing	Water Depth

NOTES: All depths in metres, all diameters in millimetres, water strike rise time in minutes.

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BOREHOLE LOG - ROTARY

Hole ID.
BH604A
Sheet 1 of 2

Contract No.	F15285	Method	Rotary Openholing	Coordinates	-
Project	Durham Road, Newport	Drilling Rig	Comacchio 205		-
		Driller	TOR	Ground Level	-
Client	Vinci PLC	Logged by	SD	Orientation	Vertical
		Core barrel	DTH	Date Started	19/06/2008
Consultant	White Young Green	Core bit		Date Completed	19/06/2008

Description of Strata	Legend	Drilled Length	Datum Level	Coring and Sampling	TCR	SCR	RQD		SPT N & depth	Install-ation
MADE GROUND: Topsoil with rootlets.		0.10								
MADE GROUND: Reddish brown clayey fine to coarse gravel. (Sub-base).		0.40								
MADE GROUND: Dark grey and black slightly clayey slightly gravelly sand with frequent ash, glass, ceramics, metal railway nail and other metal fragments.										
Soft becoming firm light grey mottled brown organic CLAY. (ALLUVIUM)		3.20								

NOTES: All depths in metres, all diameters in millimetres.
See header sheet for details of drilling, progress and water strikes. See legend sheet for key to symbols.

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BOREHOLE LOG - ROTARY

Hole ID.
BH604A
Sheet 2 of 2

Contract No.	F15285	Method	Rotary Openholing	Coordinates	-
Project	Durham Road, Newport	Drilling Rig	Comacchio 205		-
		Driller	TOR	Ground Level	-
Client	Vinci PLC	Logged by	SD	Orientation	Vertical
		Core barrel	DTH	Date Started	19/06/2008
Consultant	White Young Green	Core bit		Date Completed	19/06/2008

Description of Strata	Legend	Drilled Length	Datum Level	Coring and Sampling	TCR	SCR	RQD		SPT N & depth	Install-ation
Soft becoming firm light grey mottled brown organic CLAY. (ALLUVIUM)										
		11.80								
Reddish brown SANDSTONE. (RAGLAN MARL)										
		14.80								
Rotary drilling complete at 14.80 m.										

NOTES: All depths in metres, all diameters in millimetres.
See header sheet for details of drilling, progress and water strikes. See legend sheet for key to symbols.

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Norwest Holst Soil Engineering Ltd.

BOREHOLE LOG - ROTARY

Hole ID.
BH606A
Header

Contract No.	F15285	Method	Rotary Openholing	Coordinates	-
Project	Durham Road, Newport	Drilling Rig	Comacchio 205		-
		Driller	TOR	Ground Level	-
Client	Vinci PLC	Logged by	SD	Orientation	Vertical
		Core barrel	DTH	Date Started	20/06/2008
Consultant	White Young Green	Core bit		Date Completed	20/06/2008

PROGRESS

Date	Time	Hole depth	Casing depth	Water depth	Remarks
20/06/2008	1700	13.20	1.20	4.60	End of BH

DRILLING DETAILS

From depth	To depth	Flush type	Flush return	Core diameter
0.00	13.20	Air/Mist	Good	121

CASING

Hole diam.	Max depth of hole at dia.	Casing diameter	Max depth of casing of dia.
121	13.20	121	1.20

WATER STRIKES

Date	Time	Strike at depth	Rise to depth	Time taken to rise	Flow	Casing depth at strike time	Casing depth to seal flow

GENERAL NOTES

1. Hand dug service inpsection pit from GL to 1.20m.
2. Borehole completed 13.20m depth.
3. No samples taken during drilling. Borehole constructed for water monitoring purposes only.
4. 50mm diameter standpipe installed with slotted from 13.00m up to 10.00m depth.

SPT DETAILS

Depth	Type	Incremental blow count/penetration	Casing	Water Depth

NOTES: All depths in metres, all diameters in millimetres, water strike rise time in minutes.

Form	ARIAL ROTARY HEADER
Version	3.05
Revised	21/07/2005

Norwest Holst Soil Engineering Ltd.

BOREHOLE LOG - ROTARY

Hole ID.
BH606A
Sheet 1 of 2

Contract No.	F15285	Method	Rotary Openholing	Coordinates	-
Project	Durham Road, Newport	Drilling Rig	Comacchio 205		-
		Driller	TOR	Ground Level	-
Client	Vinci PLC	Logged by	SD	Orientation	Vertical
		Core barrel	DTH	Date Started	20/06/2008
Consultant	White Young Green	Core bit		Date Completed	20/06/2008

Description of Strata	Legend	Drilled Length	Datum Level	Coring and Sampling	TCR	SCR	RQD		SPT N & depth	Install-ation
MADE GROUND: Topsoil		0.10								
MADE GROUND: Reddish brown sandy fine to coarse gravel. (Sub-base)		0.30								
MADE GROUND: Black and reddish brown slightly clayey slightly gravelly sand with frequent ash, clinker, glass bottles, brick, wire, ceramics, concrete and occasional sandstone gravels and cobbles.										
Soft becoming firm light brown organic CLAY. (ALLUVIUM)		1.70								

NOTES: All depths in metres, all diameters in millimetres.
See header sheet for details of drilling, progress and water strikes. See legend sheet for key to symbols.

Form	ARIAL ROTARY LOG
Version	3.08
Revised	21/07/2005

Norwest Holst Soil Engineering Ltd.

BOREHOLE LOG - ROTARY

Hole ID.
BH606A
Sheet 2 of 2

Contract No.	F15285	Method	Rotary Openholing	Coordinates	-
Project	Durham Road, Newport	Drilling Rig	Comacchio 205		-
		Driller	TOR	Ground Level	-
Client	Vinci PLC	Logged by	SD	Orientation	Vertical
		Core barrel	DTH	Date Started	20/06/2008
Consultant	White Young Green	Core bit		Date Completed	20/06/2008

Description of Strata	Legend	Drilled Length	Datum Level	Coring and Sampling	TCR	SCR	RQD		SPT N & depth	Install-ation
Reddish brown SANDSTONE. (RAGLAND MARL)		10.00								
Rotary drilling complete at 13.20 m.		13.20								

NOTES: All depths in metres, all diameters in millimetres.
See header sheet for details of drilling, progress and water strikes. See legend sheet for key to symbols.

Form	ARIAL ROTARY LOG
Version	3.08
Revised	21/07/2005

Norwest Holst Soil Engineering Ltd.

TRIAL PIT LOG

Hole ID.
TP616A
Sheet 1 of 1

Contract No.	F15285	Method	Machine Excavated	Coordinates	-
Project	Durham Road, Newport				-
		Equipment	360 Excavator	Ground Level	-
Client	Vinci PLC			Date Started	03/10/2008
		Logged by	SD	Date Completed	03/10/2008
Consultant	White Young Green				

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling		Remarks
MADE GROUND: Topsoil with rootlets.		0.10				
MADE GROUND: Dark brown very clayey gravell sand with frequent cobbles and boulders of concrete and brick and with occasional ash, ceramic and glass.				1	1.00	
--- below 1.10m with drums but no PCB contamination.		1.40				
Soft and firm light grey mottled brown organic CLAY. (ALLUVIUM)		1.60				
Trial pit complete at 1.60 m.						

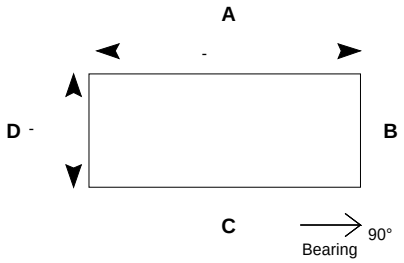
Stability: Localised spalling

Shoring: NA

Groundwater:

Remarks:
1. Trial pit contained within remediation area.
2. Soil samples A, B, C, E1, E2, S01.

Sketch Plan of Trial Pit



NOTES: All depths in metres, all soil strengths in kPa.
See legend sheet for key to symbols and abbreviations.
All bearings given relate to magnetic North

Form	ARIAL TP LOG
Version	3.05
Revised	15/02/2006

Norwest Holst Soil Engineering Ltd.

TRIAL PIT LOG

Hole ID.
TP616
Sheet 1 of 1

Contract No.	F15285	Method	Machine Excavated	Coordinates	-
Project	Durham Road, Newport				-
		Equipment	360 Excavator	Ground Level	-
Client	Vinci PLC			Date Started	04/08/2008
		Logged by	SD	Date Completed	03/10/2008
Consultant	White Young Green				

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling	Remarks
MADE GROUND: Dark grey and black slightly clayey gravelly sand with frequent ash, glass and ceramics.					
--- below 1.50m with drums containing potential PCBs.					
		2.00			
Soft and firm light grey and brown organic CLAY. (ALLUVIUM)		2.20			
Trial pit complete at 2.20 m.					

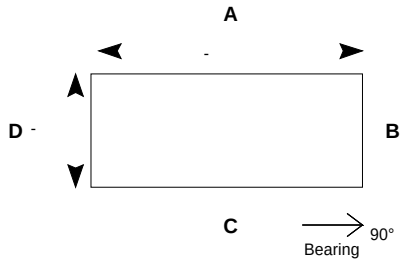
Stability: Localised spalling

Shoring: NA

Groundwater:

Remarks:
1. Trial pit contained within area of remediation.
2. Moderate hydrocarbon odour (PCB)
3. Soil sample taken B, C, D, E1, E2, E3, S01, S02, S03, S04, G01, G02, G02A, G03, G04, G05.
4. Water sample W01 taken from standing water.

Sketch Plan of Trial Pit



NOTES: All depths in metres, all soil strengths in kPa.
See legend sheet for key to symbols and abbreviations.
All bearings given relate to magnetic North

Form	ARIAL TP LOG
Version	3.05
Revised	15/02/2006

Norwest Holst Soil Engineering Ltd.

TRIAL PIT LOG

Hole ID.
TP634
Sheet 1 of 1

Contract No.	F15285	Method	Machine Excavated	Coordinates	-
Project	Durham Road, Newport				-
		Equipment	360 Excavator	Ground Level	-
Client	Vinci PLC			Date Started	10/10/2008
		Logged by	SD	Date Completed	10/10/2008
Consultant	White Young Green				

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling	Remarks
MADE GROUND: Stone Fill					
		0.30			
MADE GROUND: Brown and black gravelly sand with frequent ash, red brick, corregated iron, rubber, concrete slabs and large pockets of sandy clay.					
--- below 1.50m with drums and potentially containing PCBs.					
		2.00			
Firm light grey mottled brown organic CLAY. (ALLUVIUM)		2.10			
Trial pit complete at 2.10 m.					

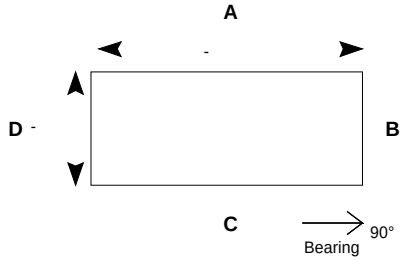
Stability: Localised spalling

Shoring: NA

Groundwater:

Remarks:
1. Trial pit contained within remediation area.
2. Moderate hydrocarbon odour (PCB)
3. Soil samples taken A, B, D, E

Sketch Plan of Trial Pit



NOTES: All depths in metres, all soil strengths in kPa.
See legend sheet for key to symbols and abbreviations.
All bearings given relate to magnetic North

Form	ARIAL TP LOG
Version	3.05
Revised	15/02/2006

Norwest Holst Soil Engineering Ltd.

TRIAL PIT LOG

Hole ID.
TP635A
Sheet 1 of 1

Contract No.	F15285	Method	Machine Excavated	Coordinates	-
Project	Durham Road, Newport				-
		Equipment	360 Excavator	Ground Level	-
Client	Vinci PLC			Date Started	10/10/2008
		Logged by	SD	Date Completed	10/10/2008
Consultant	White Young Green				

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling	Remarks
MADE GROUND: Reddish brown clayey fine to coarse gravel. (Sub-Base)		0.30			
MADE GROUND: red brick with bands of red sandy clay (<200mm). --- from 0.35m to 2.20m on Face B3 and B4 black silty gravelly sand with frequent ash.		1.00			
MADE GROUND: Dark grey and black slightly clayey gravelly sand with frequent ash and large angular boulders of concrete. --- below 1.00m with drums containing potential PCBs.		2.20			
Soft becoming firm light grey mottled brown organic CLAY. (ALLUVIUM)		2.30			
Trial pit complete at 2.30 m.					

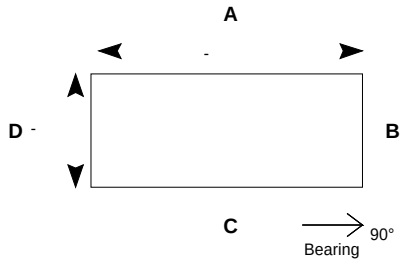
Stability: Localised spalling

Shoring: NA

Groundwater:

Remarks:
1. Trial pit contained within remediation area.
2. Soil samples taken A, B1, B2, B3, B4, D, E1, E2, E3, E4, E5, S01, S02, S03, S04, S05, S06, S07, S08, S09, S10, S11, S12, S13, S14, S15, G01, G02, G03, G04, G05, G06, G07 (S05 and S06 duplicates).
3. Water sample W01 taken from standing water.

Sketch Plan of Trial Pit



NOTES: All depths in metres, all soil strengths in kPa.
See legend sheet for key to symbols and abbreviations.
All bearings given relate to magnetic North

Form	ARIAL TP LOG
Version	3.05
Revised	15/02/2006

Norwest Holst Soil Engineering Ltd.

TRIAL PIT LOG

Hole ID.
TP636C
Sheet 1 of 1

Contract No.	F15285	Method	Machine Excavated	Coordinates	-
Project	Durham Road, Newport				-
		Equipment	360 Excavator	Ground Level	-
Client	Vinci PLC			Date Started	10/10/2008
		Logged by	SD	Date Completed	10/10/2008
Consultant	White Young Green				

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling	Remarks
MADE GROUND: Red and black clayey sand. (Imported Fill)		0.10			
MADE GROUND: Reddish brown clayey fine to coarse gravel. (Sub-Base)		0.30			
MADE GROUND: Black gravelly sand with frequent ash, glass and occasional bands of grey clay (<300mm).					
--- below 1.50m with drums potentially containing PCB.					
Soft light grey mottled brown organic CLAY. (ALLUVIUM)		2.00			
Trial pit complete at 2.10 m.		2.10			

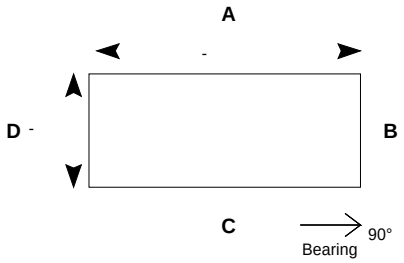
Stability: Localised spalling

Shoring: NA

Groundwater: Water standing at 2.00m depth.

Remarks:
1. Trial pit contained within remediation area.
2. Moderate hydrocarbon odour (PCB)
3. Soil samples taken A, B, C, D, E, S01, S02.

Sketch Plan of Trial Pit



NOTES: All depths in metres, all soil strengths in kPa.
See legend sheet for key to symbols and abbreviations.
All bearings given relate to magnetic North

Form	ARIAL TP LOG
Version	3.05
Revised	15/02/2006

Norwest Holst Soil Engineering Ltd.

TRIAL PIT LOG

Hole ID.
TP636D
Sheet 1 of 1

Contract No.	F15285	Method	Machine Excavated	Coordinates	-
Project	Durham Road, Newport				-
		Equipment	360 Excavator	Ground Level	-
Client	Vinci PLC			Date Started	10/10/2008
		Logged by	SD	Date Completed	10/10/2008
Consultant	White Young Green				

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling	Remarks
MADE GROUND: Reddish brown sandy clay with rootlets.		0.10			
MADE GROUND: Reddish brown clayey fine to coarse gravel. (Sub-Base)		0.35			
MADE GROUND: Black gravelly sand with frequent ash, glass bottles and pockets of red clayey sand.					
Light grey mottled brown organic CLAY. (ALLUVIUM)		2.10			
Trial pit complete at 2.20 m.		2.20			

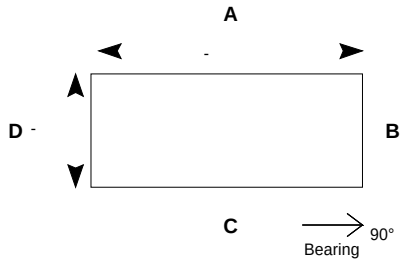
Stability: Localised spalling

Shoring: NA

Groundwater: Water standing at 2.00m depth.

Remarks:
1. Trial pit contained within remediation area.
2. Soil samples taken B, C, D, E, S01, S02.

Sketch Plan of Trial Pit



NOTES: All depths in metres, all soil strengths in kPa.
See legend sheet for key to symbols and abbreviations.
All bearings given relate to magnetic North

Form	ARIAL TP LOG
Version	3.05
Revised	15/02/2006

Norwest Holst Soil Engineering Ltd.

TRIAL PIT LOG

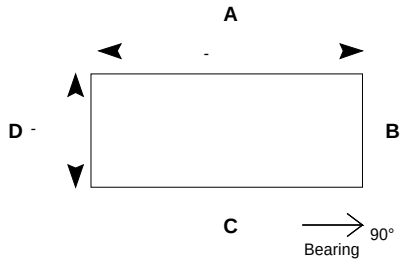
Hole ID.
TP636
Sheet 1 of 1

Contract No.	F15285	Method	Machine Excavator	Coordinates	-
Project	Durham Road, Newport				-
		Equipment	360 Excavator	Ground Level	-
Client	Vinci PLC			Date Started	27/10/2008
		Logged by	SD	Date Completed	27/10/2008
Consultant	White Young Green				

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling	Remarks
MADE GROUND: Black and dark brown very clayey gravelly sand with frequent ash, metal, glass and occasional timber.					
		2.10			
Trial pit complete at 2.10 m.					

Stability	Spalling
Shoring	NA
Groundwater	Seepage at base of pit.
Remarks	1. Trial pit contained within remediation area. 2. Soil samples taken A1, A2, B2, B2, C, D, E, S01

Sketch Plan of Trial Pit



NOTES: All depths in metres, all soil strengths in kPa.
See legend sheet for key to symbols and abbreviations.
All bearings given relate to magnetic North

Form	ARIAL TP LOG
Version	3.05
Revised	15/02/2006

Norwest Holst Soil Engineering Ltd.

TRIAL PIT LOG

Hole ID.
TP655A
Sheet 1 of 1

Contract No.	F15285	Method	Machine Excavated	Coordinates	-
Project	Durham Road, Newport				-
		Equipment	360 Excavator	Ground Level	-
Client	Vinci PLC			Date Started	04/07/2008
		Logged by	SD	Date Completed	10/07/2008
Consultant	White Young Green				

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling		Remarks
MADE GROUND: Reddish brown clayey fine to coarse gravel. (Sub Base)						
		0.40				
MADE GROUND: Dark grey and black slightly clayey gravelly sand with frequent ash, glass and ceramics. Locally with large pockets (>400mm) of black ashy sand. --- between 0.70m to 1.00m with orange brown gravelly clay pockets on Face A and B. --- below 1.50m to 1.90m with drums containing potential PCBs.						
		1.90				
Soft and firm light grey mottled brown organic CLAY. (ALLUVIUM)						
		2.20		EW0	2.20	
Trial pit complete at 2.20 m.						

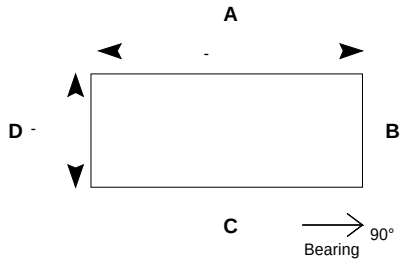
Stability: Local spalling

Shoring: NA

Groundwater: Groundwater standing at 1.85m

Remarks:
1. Trial pit contained within remediation area.
2. Moderate hydrocarbon odour (PCB).
3. Soil samples taken Face A, Face B, Face C, Face D, Face E, S01, S02, S03, S01A, S02A, S02B, S02C, S04A, S04B, S0B09, B10, B11, B12, B13, B14, B15, B16, B17, B18, B19, B20, B21, B22, B23, B24, B25, B26, B27, B28.
4. Water samples taken W01 from standing water at 2.20m.

Sketch Plan of Trial Pit



NOTES: All depths in metres, all soil strengths in kPa.
See legend sheet for key to symbols and abbreviations.
All bearings given relate to magnetic North

Form	ARIAL TP LOG
Version	3.05
Revised	15/02/2006

Norwest Holst Soil Engineering Ltd.

TRIAL PIT LOG

Hole ID.
TP656A
Sheet 1 of 1

Contract No.	F15285	Method	Machine Excavated	Coordinates	-
Project	Durham Road, Newport				-
		Equipment	360 Excavator	Ground Level	-
Client	Vinci PLC			Date Started	22/10/2008
		Logged by	SD	Date Completed	22/10/2008
Consultant	White Young Green				

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling	Remarks
MADE GROUND: Topsoil with rootlets.		0.10			
MADE GROUND: Reddish brown silty gravel with bands of brown gravelly clay.		0.40			
MADE GROUND: Dark grey and black slightly clayey gravelly sand with frequent ash and occasional glass. With occasional pockets of light grey clay and orangish brown gravelly clay. --- between 1.20m and 1.60m with frequent roots and rootlets on Face A and B. --- below 1.50m with possible drums.					
		2.10			
Trial pit complete at 2.30 m.					

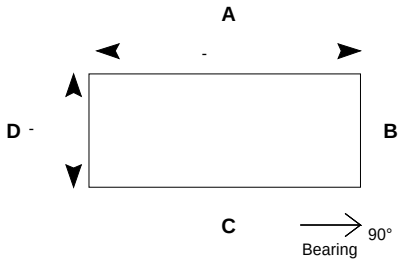
Stability: Spalling during excavation

Shoring: NA

Groundwater: Water standing at 2.00m

Remarks:
1. Trial pit contained within remediation area.
2. Soil samples taken A, B, C, D, E, S01, S02.

Sketch Plan of Trial Pit



NOTES: All depths in metres, all soil strengths in kPa.
See legend sheet for key to symbols and abbreviations.
All bearings given relate to magnetic North

Form	ARIAL TP LOG
Version	3.05
Revised	15/02/2006

Norwest Holst Soil Engineering Ltd.

TRIAL PIT LOG

Hole ID.
TP656B
Sheet 1 of 1

Contract No.	F15285	Method	Machine Excavated	Coordinates	-
Project	Durham Road, Newport				-
		Equipment	360 Excavator	Ground Level	-
Client	Vinci PLC			Date Started	10/10/2008
		Logged by	SD	Date Completed	10/10/2008
Consultant	White Young Green				

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling	Remarks
MADE GROUND: Reddish brown silty gravel with bands of brown gravelly clay.		0.30			
MADE GROUND: Dark grey and black slightly clayey gravelly sand with frequent ash and occasional glass. With occasional pockets of light grey clay and orangish brown gravelly clay.					
Firm light grey mottled brown organic CLAY. (ALLUVIUM)		2.30			
Trial pit complete at 2.40 m.		2.40			

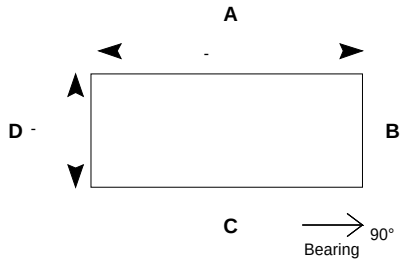
Stability Spalling

Shoring NA

Groundwater Standing at 2.00m

Remarks 1. Trial pit within remediation area.
2. Soil samples taken A, B, D, E, S01, S01a, S01b, S02.

Sketch Plan of Trial Pit



NOTES: All depths in metres, all soil strengths in kPa.
See legend sheet for key to symbols and abbreviations.
All bearings given relate to magnetic North

Form	ARIAL TP LOG
Version	3.05
Revised	15/02/2006

Norwest Holst Soil Engineering Ltd.

TRIAL PIT LOG

Hole ID.
TP656C
Sheet 1 of 1

Contract No.	F15285	Method	Machine Excavated	Coordinates	-
Project	Durham Road, Newport				-
		Equipment	360 Excavator	Ground Level	-
Client	Vinci PLC			Date Started	10/10/2008
		Logged by	SD	Date Completed	10/10/2008
Consultant	White Young Green				

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling	Remarks
MADE GROUND: Reddish brown silty gravel with bands of brown gravelly clay.		0.30			
MADE GROUND: Dark grey and black slightly clayey gravelly sand with frequent ash and occasional glass.		2.30			
Firm light grey mottled brown organic CLAY. (ALLUVIUM)		2.40			
Trial pit complete at 2.40 m.					

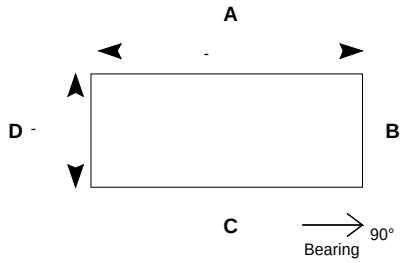
Stability: Spalling

Shoring: NA

Groundwater: Groundwater standing at approximately 2.00m.

Remarks:
1. Trial pit contained within remediation area.
2. Soil samples taken B, C, D, E, S01, S01a, S01b, S01c, S02.

Sketch Plan of Trial Pit



NOTES: All depths in metres, all soil strengths in kPa.
See legend sheet for key to symbols and abbreviations.
All bearings given relate to magnetic North

Form	ARIAL TP LOG
Version	3.05
Revised	15/02/2006

Norwest Holst Soil Engineering Ltd.

TRIAL PIT LOG

Hole ID.
TP656
Sheet 1 of 1

Contract No.	F15285	Method	Machine Excavator	Coordinates	-
Project	Durham Road, Newport				-
		Equipment	360 Excavator	Ground Level	-
Client	Vinci PLC			Date Started	28/10/2008
		Logged by	SD	Date Completed	28/10/2008
Consultant	White Young Green				

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling	Remarks
MADE GROUND: Black and dark brown with brown pockets very clayey gravelly sand with frequent ash, metal, glass and occasional timber.					
--- below 1.50m with drums potentially containing PCBs.					
		2.10			
Trial pit complete at 2.10 m.					

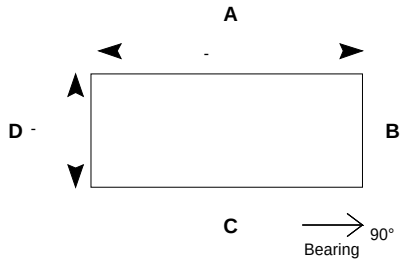
Stability: Spalling

Shoring: NA

Groundwater: Seepage at base of pit.

Remarks:
1. Trial pit contained within remediation area.
2. Moderate hydrocarbon odour (PCB)
3. Soil samples taken B, C, D, E

Sketch Plan of Trial Pit



NOTES: All depths in metres, all soil strengths in kPa.
See legend sheet for key to symbols and abbreviations.
All bearings given relate to magnetic North

Form	ARIAL TP LOG
Version	3.05
Revised	15/02/2006

Norwest Holst Soil Engineering Ltd.

TRIAL PIT LOG

Hole ID.
TP902
Sheet 1 of 1

Contract No.	F15285	Method	Machine Excavated	Coordinates	-
Project	Durham Road, Newport				-
		Equipment	360 Excavator	Ground Level	-
Client	Vinci PLC			Date Started	25/06/2008
		Logged by	SD	Date Completed	24/10/2008
Consultant	White Young Green				

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling		Remarks
MADE GROUND: Grass over topsoil with rootlets.		0.15				
MADE GROUND: Firm locally friable dark brown sandy gravelly CLAY with occasional bricks, glass, metal fragments, concrete, ceramic tiles and pavours, and wire. --- from 0.50m down to 2.00m with frequent bricks, concrete and building rubble including asphalt.						
--- from 2.00m to 2.40m possible asbestos in Face D. --- below 2.00m with drums containing possible PCB's.				ES0 ES0	2.00 - 2.40 2.00 - 2.40	
Soft light grey mottled brown organic CLAY. (ALLUVIUM)		2.80 3.00				
Trial pit complete at 3.00 m.						

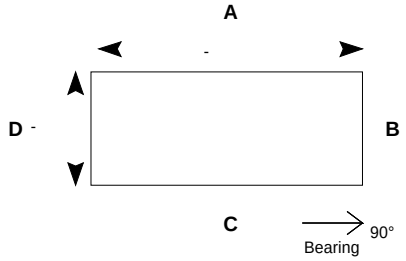
Stability: Spalling during excavation

Shoring: NA

Groundwater: Water standing at 2.80m depth

Remarks:
1. Trial pit contained within remediation area.
2. Moderate hydrocarbon odour (PCB).
3. Samples collected A1, A2, A3, B1, B2, C, D, E1, E2, E3, E4, E5, S01, S02, S03, S04, S05, S06, S07, (S03 and S04 duplicates), A01, A02.

Sketch Plan of Trial Pit



NOTES: All depths in metres, all soil strengths in kPa.
See legend sheet for key to symbols and abbreviations.
All bearings given relate to magnetic North

Form	ARIAL TP LOG
Version	3.05
Revised	15/02/2006

Norwest Holst Soil Engineering Ltd.

TRIAL PIT LOG

Hole ID.
TP905
Sheet 1 of 1

Contract No.	F15285	Method	Machine Excavated	Coordinates	-
Project	Durham Road, Newport				-
		Equipment	360 Excavator	Ground Level	-
Client	Vinci PLC			Date Started	04/08/2008
		Logged by	SD	Date Completed	10/10/2008
Consultant	White Young Green				

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling	Remarks
MADE GROUND: Topsoil with rootlets.		0.10			
MADE GROUND: Reddish brown silty fine to coarse gravel. (Sub Base)		0.30			
MADE GROUND: Black silt with abundant grey bricks.		0.70			
MADE GROUND: Dark grey and black slightly clayey gravelly sand with frequent ash and occasional glass, metal pipe, concrete blocks and boulders. With occasional pockets of brown silty sandy clay. --- below 1.50m on Face B with orangish brown clay pockets. --- below 1.60m with drums containing potential PCBs.		2.00			
Firm light grey mottled brown organic CLAY. (ALLUVIUM)		2.20			
Trial pit complete at 2.20 m.					

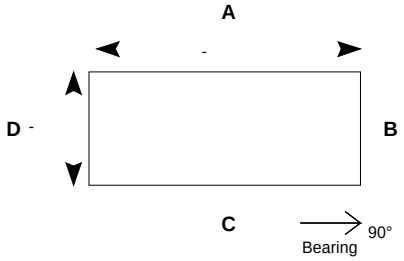
Stability: Localised spalling

Shoring: NA

Groundwater: Water standing at 2.10m.

Remarks:
1. Trial pit contained within the remediation area.
2. Moderate hydrocarbon odour (PCB).
3. Soil sample taken B1, B2, B3, C, D, E2, E3, S01, S02, S03, G01, G02, G03, G04, G05, G06, G07.

Sketch Plan of Trial Pit



NOTES: All depths in metres, all soil strengths in kPa.
See legend sheet for key to symbols and abbreviations.
All bearings given relate to magnetic North

Form	ARIAL TP LOG
Version	3.05
Revised	15/02/2006

Norwest Holst Soil Engineering Ltd.

TRIAL PIT LOG

Hole ID.
TP908
Sheet 1 of 1

Contract No.	F15285	Method	Machine Excavated	Coordinates	-
Project	Durham Road, Newport				-
		Equipment	360 Excavator	Ground Level	-
Client	Vinci PLC			Date Started	26/09/2008
		Logged by	SD	Date Completed	03/10/2008
Consultant	White Young Green				

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling	Remarks
MADE GROUND: Topsoil with rootlets.		0.10			
MADE GROUND: Reddish brown clayey fine to coarse gravel. (Sub-Base)		0.20			
MADE GROUND: Black and dark brown clayey gravelly sand with frequent ash, metal and glass.		1.00			
MADE GROUND: Black sandy gravelly clay with frequent ash and glass. With pockets of orangish brown clay. --- between 1.50m and 2.00 Face D plastic coated box (500mm x 100mm x 100m) containing solid bitumen glass like material.		2.00			
Soft becoming firm light grey mottled brown organic CLAY. (ALLUVIUM)		2.10			
Trial pit complete at 2.10 m.					

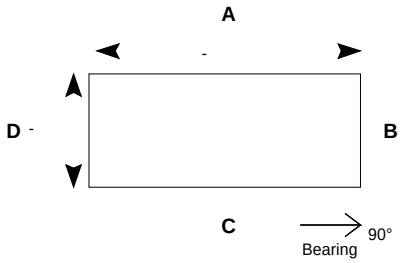
Stability Spalling

Shoring NA

Groundwater Water standing at 2.00m.

Remarks
1. Trial pit contained within remediation area.
2. Moderate hydrocarbon odour (PCB)
3. Soil samples taken A, B1, E1, D, E2, E3, S02, S02a, S02b, S02c.

Sketch Plan of Trial Pit



NOTES: All depths in metres, all soil strengths in kPa.
See legend sheet for key to symbols and abbreviations.
All bearings given relate to magnetic North

Form	ARIAL TP LOG
Version	3.05
Revised	15/02/2006

Norwest Holst Soil Engineering Ltd.

TRIAL PIT LOG

Hole ID.
TP910
Sheet 1 of 1

Contract No.	F15285	Method	Machine Excavated	Coordinates	-
Project	Durham Road, Newport				-
		Equipment	360 Excavator	Ground Level	-
Client	Vinci PLC			Date Started	29/10/2008
		Logged by	SD	Date Completed	29/10/2008
Consultant	White Young Green				

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling	Remarks
MADE GROUND: Black with dark brown with brown pockets very clayey gravelly sand with frequent ash, metal, glass occasional timber.					
--- below 1.50m with multiple drums potentially containing PCBs.					
		2.50			
Soft becoming firm light grey with brown mottling organic CLAY. (ALLUVIUM)		2.70			
Trial pit complete at 2.70 m.					

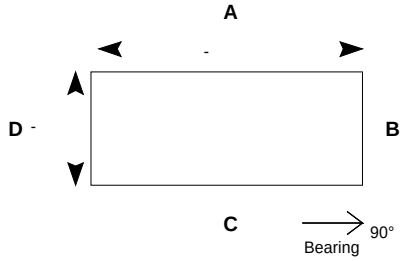
Stability: Spalling

Shoring: NA

Groundwater: Water standing at 2.2m. Water being pumped into pit from adjacent trial pit.

Remarks:
1. Trial pit contained within remediation area.
2. Moderate hydrocarbon odour (PCB).
3. Soil samples taken B, C, D, E1, E2, S01, S02, S03, S04.

Sketch Plan of Trial Pit



NOTES: All depths in metres, all soil strengths in kPa.
See legend sheet for key to symbols and abbreviations.
All bearings given relate to magnetic North

Form	ARIAL TP LOG
Version	3.05
Revised	15/02/2006

Norwest Holst Soil Engineering Ltd.

TRIAL PIT LOG

Hole ID.
TP911
Sheet 1 of 1

Contract No.	F15285	Method	Machine Excavated	Coordinates	-
Project	Durham Road, Newport				-
		Equipment	360 Excavator	Ground Level	-
Client	Vinci PLC			Date Started	27/06/2008
		Logged by	SD	Date Completed	27/06/2008
Consultant	White Young Green				

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling	Remarks
MADE GROUND: Topsoil with rootlets.					
		0.30			
MADE GROUND: Dark brown and occasionally black silty gravelly sand with abudnant bricks and reinforcing wire (10mm diameter) and occasional ash, concrete bounders. No drums noted.					
		1.50			
Trial pit complete at 1.50 m.					

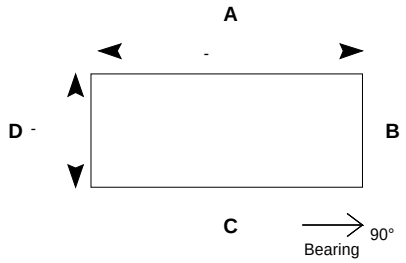
Stability: Spalling

Shoring: NA

Groundwater: None encountered during excavation

Remarks:
1. Trial pit contained within remediation area.
2. Soil sample taken from Face E.

Sketch Plan of Trial Pit



NOTES: All depths in metres, all soil strengths in kPa.
See legend sheet for key to symbols and abbreviations.
All bearings given relate to magnetic North

Form	ARIAL TP LOG
Version	3.05
Revised	15/02/2006

Norwest Holst Soil Engineering Ltd.

TRIAL PIT LOG

Hole ID.
TP912
Sheet 1 of 1

Contract No.	F15285	Method	Machine Excavated	Coordinates	-
Project	Durham Road, Newport				-
		Equipment	360 Exacavator	Ground Level	-
Client	Vinci PLC			Date Started	24/06/2008
		Logged by	SD	Date Completed	04/07/2008
Consultant	White Young Green				

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling		Remarks
MADE GROUND: Black and occasionally dark brown silty gravelly sand with frequent ash, glass, ceramics and occasional bricks and reinforcing bar (10mm diameter).						
--- below 2.10m to 2.40m with drums containing potential PCBs.				EW0	2.30 - 2.40	
		2.40				
Soft light grey mottled brown organic CLAY. (ALLUVIUM)		2.45				
Trial pit complete at 2.45 m.						

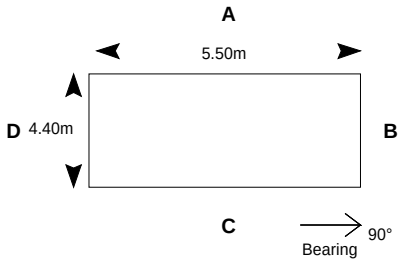
Stability: Spalling during excavation

Shoring: NA

Groundwater: Seepage at 2.00m with water standing at 2.10m. Thick sheen on water.

Remarks:
1. Trial pit contained within remediation area.
2. Strong hydrocarbon odour (PCB)
3. Soil samples taken Face A, Face B, Face C, Face D, Face E, S01 and S02.
4. Water sample taken from standing water W01.

Sketch Plan of Trial Pit



NOTES: All depths in metres, all soil strengths in kPa.
See legend sheet for key to symbols and abbreviations.
All bearings given relate to magnetic North

Form	ARIAL TP LOG
Version	3.05
Revised	15/02/2006

Norwest Holst Soil Engineering Ltd.

TRIAL PIT LOG

Hole ID.
TP913
Sheet 1 of 1

Contract No.	F15285	Method	Machine Exacavated	Coordinates	-
Project	Durham Road, Newport				-
		Equipment	360 Excavator	Ground Level	-
Client	Vinci PLC			Date Started	04/08/2008
		Logged by	SD	Date Completed	19/09/2008
Consultant	White Young Green				

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling	Remarks
MADE GROUND: Topsoil with rootlets.		0.30			
MADE GROUND: Black and dark brown silty clayey gravelly sand with frequents pockets and bands of black sandy clay and dark greenish brown gravelly clay. With frequent pockets of ash and bricks occasional concrete boulders. --- below 1.50m with drums potentially containing PCBs.		2.00			
Soft light grey mottled brown organic CLAY. (ALLUVIUM)		2.10			
Trial pit complete at 2.10 m.					

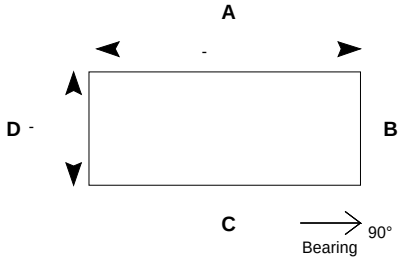
Stability: Spalling

Shoring: NA

Groundwater: Water standing at 2.00m depth. Slight sheen on surface.

Remarks:
1. Trial pit contained within remediation area.
2. Moderate hydrocarbon odour (PDB).
3. Soil sample taken Face A, Face B, Face C, Face D, Face E1, Face E2, S01, S02, S03, S04, S05, S06, G01, G02, G03, G04, G05 (G01 to G04 duplicates).

Sketch Plan of Trial Pit



NOTES: All depths in metres, all soil strengths in kPa.
See legend sheet for key to symbols and abbreviations.
All bearings given relate to magnetic North

Form	ARIAL TP LOG
Version	3.05
Revised	15/02/2006

Norwest Holst Soil Engineering Ltd.

TRIAL PIT LOG

Hole ID.
TP914
Sheet 1 of 1

Contract No.	F15285	Method	Machine Excavated	Coordinates	-
Project	Durham Road, Newport				-
		Equipment	360 Excavator	Ground Level	-
Client	Vinci PLC			Date Started	24/10/2008
		Logged by	SD	Date Completed	24/10/2008
Consultant	White Young Green				

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling		Remarks
MADE GROUND: Reddish brown clayey fine to coarse gravel. (Sub-Base)		0.20				
MADE GROUND: Black gravelly sand with frequent ash, glass, brick , reinforcing bar and concrete boulder.						
--- below 1.50m with drums containing potential PCBs.				ES0	2.00 - 2.20	
Soft and firm light grey and brown organic CLAY. (ALLUVIUM)		2.80				
Trial pit complete at 3.00 m.		3.00				

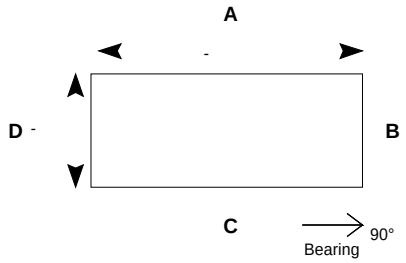
Stability: Localised spalling

Shoring: NA

Groundwater: Water standing at 2.60m. Red brown sheen on surface.

Remarks:
1. Trial pit contained within remediation area.
2. Strong hydrocarbon odour (PCB).
3. Soil samples A1, A2, C, D1, D2, D3, D4, E1, E2, E3, E4, S01, S02, S03, S04, S05, S06, S07, S08, S09, SS01, G01, G02.
4. Water sample W01 taken from standing water.

Sketch Plan of Trial Pit



NOTES: All depths in metres, all soil strengths in kPa.
See legend sheet for key to symbols and abbreviations.
All bearings given relate to magnetic North

Form	ARIAL TP LOG
Version	3.05
Revised	15/02/2006

Norwest Holst Soil Engineering Ltd.

TRIAL PIT LOG

Hole ID.
TP915
Sheet 1 of 1

Contract No.	F15285	Method	Machine Excavated	Coordinates	-
Project	Durham Road, Newport				-
		Equipment	360 Excavator	Ground Level	-
Client	Vinci PLC			Date Started	10/11/2008
		Logged by	SB	Date Completed	10/11/2008
Consultant	White Young Green				

Description of Strata	Legend	Depth Below G.L.	Datum Level	Sampling	Remarks
MADE GROUND: Reddish brown clayey fine to coarse gravel. (Sub-Base)		0.30			
MADE GROUND: Black silty gravelly sand with frequent ash, glass and ceramic.					
Soft and firm light grey mottled brown organic CLAY. (ALLUVIUM)		2.00			
Trial pit complete at 2.20 m.		2.20			

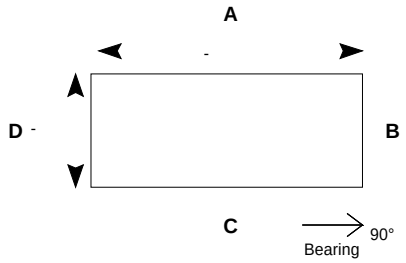
Stability: Localised spalling

Shoring: NA

Groundwater: Water standing at 2.00m depth.

Remarks:
1. Trial pit contained within remediation area.
2. Moderate hydrocarbon odour (PCB)
3. Soil samples taken A, B, C, D, E, S01.

Sketch Plan of Trial Pit



NOTES: All depths in metres, all soil strengths in kPa.
See legend sheet for key to symbols and abbreviations.
All bearings given relate to magnetic North

Form	ARIAL TP LOG
Version	3.05
Revised	15/02/2006

Appendix H Soil Validation Samples Audit and Prefix Identification

F15285 –Durham Road, Newport : Sample Prefix Identification List

Water Samples:

BH *601* Purged Ground Water from Borehole Installations.
GWT *01* Water Sampled from the Ground Water Treatment tanks.
SM *01* Surface Water from taken from the River Reen at designated Surface Monitoring Points.
W *01* Water Samples taken directly from Trial Pits, usually standing water.

Trial Pit - Face Validation:

A/A1 North Face, Soil Sampled commonly from depths of 1.50m to 2.00m.
B/B1 East Face, Soil Sampled commonly from depths of 1.50m to 2.00m.
C/C1 South Face, Soil Sampled commonly from depths of 1.50m to 2.00m.
D/D1 West Face, Soil Sampled commonly from depths of 1.50m to 2.00m.
E/E1 Base of Pit, Samples taken from the Alluvium.

Trial Pit – Excavated Material:

A*01* Samples taken to test for suspected Asbestos content.
B*01* Samples taken from 1 Ton Bulk Bags.
D*01* Material Contained in Drums for Incineration.
ES*01* Environmental Sample from Bund Material.
G*01* Group Sample from every 10 1 Ton Bulk Bags. G01 = Bags 1-10.
S*01* Material not for incineration Stock Piled for PCB Testing.
S*01***a** Material not for incineration Stock Piled for PCB Testing. Stockpile that has failed parameters and has been sub sampled.
TP00 Material from trial pits, placed in main Stock Pile and Potentially being sent to Landfill.

Crushed Stone Samples:

B*01* Bulk Bag of Crushed Stone on Site either Stock Piled or Laid Stone.
CE Cemex, Sample sent from Quarry.
CS*01* Crushed Stone Samples taken from either Stock Piled or Laid Stone.
HG Hanson, Grit Stone Sample sent from Quarry.
HL Hanson, Sample sent from Livox Quarry.
HM Hanson, Sample sent from Machen Quarry.
L Lafarge, Quarry Stone.
LF Lafarge, Sample sent from Quarry.
MP Further Samples sent from Quarries. MP = Matthew Phillips.
TA Tarmac, Recycled Material

Topsoil:

S*01*- Topsoil Topsoil samples received from suppliers and sent for testing

Trial Pit	Stockpile / Face ID	Source Material	Date Sampled	Results	Comment
TP616	S01	Surface	29 Jul 08	Pass	Added to general stockpile
TP616	G01	Base	04 Aug 08	Pass	Added to general stockpile
TP616	G02	Base	04 Aug 08	FAIL	To split and resample
TP616	G03	Base	04 Aug 08	FAIL	Required to be removed from site.
TP616	G04	Base	05 Aug 08	FAIL	Required to be removed from site.
TP616	G02a	Base	12 Aug 08	Pass	Added to general stockpile
TP616	S02	Surface	22 Sep 08	Pass	Added to general stockpile
TP616	S03	Surface	22 Sep 08	Pass	Added to general stockpile
TP616	S04	Base	22 Sep 08	Pass	Added to general stockpile
TP616	D	Face	26 Sep 08	Pass	Suitable for backfilling
TP616	E3	Face	26 Sep 08	Pass	Suitable for backfilling
TP616	G05	Base	05 Aug 08	FAIL	Required to be removed from site.
TP616	B	Face	23 Sep 08	Pass	Suitable for backfilling
TP616	C	Face	19 Sep 08	Pass	Suitable for backfilling
TP616	E1	Face	23 Sep 08	Pass	Suitable for backfilling
TP616	E2	Face	19 Sep 08	Pass	Suitable for backfilling
TP616a	S01	Surface	23 Sep 08	Pass	Added to general stockpile
TP634	A	Face	03 Oct 08	Pass	Suitable for backfilling
TP634	B	Face	03 Oct 08	Pass	Suitable for backfilling
TP634	D	Face	03 Oct 08	Pass	Suitable for backfilling
TP634	E	Face	03 Oct 08	Pass	Suitable for backfilling
TP635a	S01	Surface	11 Jul 08	Pass	Added to general stockpile
TP635a	S02	Surface	11 Jul 08	FAIL	Retested 25/7/08
TP635a	S03	Surface	11 Jul 08	Pass	Added to general stockpile
TP635a	S07	Base	11 Jul 08	Pass	Added to general stockpile
TP635a	S05	Surface	11 Jul 08	Pass	Backfilled to TP655a
TP635a	S06	Surface	11 Jul 08	Pass	Added to general stockpile

Trial Pit	Stockpile / Face ID	Source Material	Date Sampled	Results	Comment
TP635A	S04	Surface	21 Jul 08	Pass	Added to general stockpile
TP635A	S02	Retest	25 Jul 08	FAIL	Retest of sample taken 11/07/08. Required to be removed from site.
TP635a	G01	Base	30 Jul 08	FAIL	Required to be removed from site.
TP635a	G02	Base	30 Jul 08	FAIL	Required to be removed from site.
TP635a	G03	Base	30 Jul 08	FAIL	Required to be removed from site.
TP635a	G04	Base	30 Jul 08	FAIL	Required to be removed from site.
TP635a	G05	Base	30 Jul 08	Pass	Added to general stockpile
TP635a	G06	Base	04 Aug 08	FAIL	Required to be removed from site.
TP635a	G07	Base	04 Aug 08	FAIL	Required to be removed from site.
TP635a	S05	Surface	03 Oct 08	Pass	Added to general stockpile
TP635a	S06	Surface	03 Oct 08	Pass	Added to general stockpile
TP635a	S07	Surface	03 Oct 08	Pass	Added to general stockpile
TP635a	S08	Surface	03 Oct 08	Pass	Added to general stockpile
TP635a	S09	Surface	03 Oct 08	Pass	Added to general stockpile
TP635a	S10	Surface	03 Oct 08	Pass	Added to general stockpile
TP635a	S11	Surface	03 Oct 08	Pass	Added to general stockpile
TP635a	S12	Surface	03 Oct 08	Pass	Added to general stockpile
TP635a	S13	Surface	03 Oct 08	Pass	Added to general stockpile
TP635a	S14	Surface	03 Oct 08	Pass	Added to general stockpile
TP635a	A	Face	03 Oct 08	Pass	Suitable for backfilling
TP635a	B1	Face	03 Oct 08	Pass	Suitable for backfilling
TP635a	B2	Face	03 Oct 08	Pass	Suitable for backfilling
TP635a	B3	Face	03 Oct 08	Pass	Suitable for backfilling
TP635a	B4	Face	03 Oct 08	Pass	Suitable for backfilling
TP635a	E1	Face	03 Oct 08	Pass	Suitable for backfilling
TP635a	E2	Face	03 Oct 08	Pass	Suitable for backfilling

Trial Pit	Stockpile / Face ID	Source Material	Date Sampled	Results	Comment
TP635a	E3	Face	03 Oct 08	Pass	Suitable for backfilling
TP635a	E4	Face	03 Oct 08	Pass	Suitable for backfilling
TP635a	S15	Base	14 Oct 08	Pass	Added to general stockpile
TP635a	D	Face	21 Oct 08	Pass	Suitable for backfilling
TP635a	E5	Face	21 Oct 08	Pass	Suitable for backfilling
TP636	S01	Surface	27 Oct 08	Pass	Added to general stockpile
TP636c	A	Face	09 Sep 08	Pass	Suitable for backfilling
TP636c	B	Face	09 Sep 08	Pass	Suitable for backfilling
TP636c	D	Face	09 Sep 08	Pass	Suitable for backfilling
TP636c	E	Face	09 Sep 08	FAIL	Sample retested = Pass, suitable for backfilling
TP636c	S01	Surface	09 Sep 08	Pass	Suitable for backfilling
TP636c	S02	Base	09 Sep 08	Pass	Sample smashed in transit, resampled 13/10/08
TP636d	B	Face	09 Sep 08	Pass	Suitable for backfilling
TP636d	C	Face	09 Sep 08	Pass	Suitable for backfilling
TP636d	D	Face	09 Sep 08	Pass	Suitable for backfilling
TP636d	E	Face	09 Sep 08	Pass	Suitable for backfilling
TP636d	S01	Surface	09 Sep 08	Pass	Suitable for backfilling
TP636d	S02	Base	09 Sep 08	Pass	Suitable for backfilling
TP655a	S01	Surface	01 Jul 08	FAIL	To split and resample
TP655a	S02	Base	01 Jul 08	FAIL	To spilt and resample
TP655a	S03	PCB MATERIAL	01 Jul 08		Suspected PCB material (result indicates samples is positive for PCBs)
TP655a	S04	Base	10 Jul 08	FAIL	To spilt and resample
TP655a	S02a	Retest	29 Jul 08	FAIL	Retest of S02 sample taken 01/07/08
TP655a	S02b	Retest	29 Jul 08	FAIL	Retest of S02 sample taken 01/07/08
TP655a	S02c	Retest	29 Jul 08	FAIL	Retest of S02 sample taken 01/07/08

Trial Pit	Stockpile / Face ID	Source Material	Date Sampled	Results	Comment
TP655a	S01a	Retest	29 Jul 08	FAIL	Retest of S01 sample taken 01/07/08
TP655a	S04a	Retest	29 Jul 08	FAIL	Retest of S04 sample taken 01/07/08
TP655a	S04b	Retest	29 Jul 08	FAIL	Retest of S04 sample taken 01/07/08
TP656a	A	Face	24 Oct 08	Pass	Suitable for backfilling
TP656a	B	Face	24 Oct 08	Pass	Suitable for backfilling
TP656a	C	Face	24 Oct 08	Pass	Suitable for backfilling
TP656a	D	Face	24 Oct 08	Pass	Suitable for backfilling
TP656a	E	Face	24 Oct 08	Pass	Suitable for backfilling
TP656a	S01	Surface	27 Oct 08	Pass	Added to general stockpile
TP656a	S02	Surface	27 Oct 08	Pass	Added to general stockpile
TP656b	A	Face	10 Oct 08	Pass	Suitable for backfilling
TP656b	B	Face	10 Oct 08	Pass	Suitable for backfilling
TP656b	D	Face	10 Oct 08	Pass	Suitable for backfilling
TP656b	E	Face	10 Oct 08	Pass	Suitable for backfilling
TP656b	S01	Surface	13 Oct 08	FAIL	To split and resample
TP656b	S02	Surface	13 Oct 08	Pass	Added to general stockpile
TP656b	S01a	Surface	21 Oct 08	Pass	Retest of samples taken 13/10/08. Added to general stockpile
TP656b	S01b	Surface	21 Oct 08	FAIL	Retest of samples taken 13/10/08. Required to be removed from site
TP656b	S01c	Surface	21 Oct 08	FAIL	Retest of samples taken 13/10/08. Required to be removed from site
TP656c	B	Face	10 Oct 08	Pass	Suitable for backfilling
TP656c	C	Face	10 Oct 08	Pass	Suitable for backfilling
TP656c	D	Face	10 Oct 08	Pass	Suitable for backfilling
TP656c	E	Face	10 Oct 08	Pass	Suitable for backfilling
TP656c	S01	Base	13 Oct 08	FAIL	To spilt and resample
TP656c	S02	Surface	13 Oct 08	Pass	Added to general stockpile
TP656c	S01a	Base	21 Oct 08	Pass	Retest of samples taken 13/10/08. Added to general stockpile

Trial Pit	Stockpile / Face ID	Source Material	Date Sampled	Results	Comment
TP656c	S01b	Base	21 Oct 08	FAIL	Retest of samples taken 13/10/08. Required to be removed from site
TP902	S03	PCB MATERIAL	01 Jul 08		Suspected PCB material (result indicates samples is positive for PCBs)
TP902	S04	PCB MATERIAL	01 Jul 08		Suspected PCB material (result indicates samples is positive for PCBs)
TP902	S01	Surface	11 Jul 08	Pass	Added to general stockpile
TP902	S02	Base	11 Jul 08	Pass	Added to general stockpile
TP902	S03	Surface	11 Jul 08	Pass	Note duplicate ID for sample (added to general stockpile)
TP902	S04	Base	11 Jul 08	Pass	Note duplicate ID for sample (added to general stockpile)
TP902	S05	Base	29 Sep 08	FAIL	Required to be removed from site.
TP902	A2	Face	21 Oct 08	Pass	Suitable for backfilling
TP902	A3	Face	21 Oct 08	Pass	Suitable for backfilling
TP902	B2	Face	21 Oct 08	Pass	Suitable for backfilling
TP902	E2	Face	21 Oct 08	Pass	Suitable for backfilling
TP902	E3	Face	21 Oct 08	Fail	To spilt and resample
TP902	E4	Face	21 Oct 08	Pass	Suitable for backfilling
TP902	E5	Face	21 Oct 08	Pass	Suitable for backfilling
TP902	S06	Surface	24 Oct 08	Pass	Added to general stockpile
TP902	S07	Surface	24 Oct 08	Pass	Added to general stockpile
TP902	A1	Face	24 Oct 08	Pass	Suitable for backfilling
TP902	B1	Face	24 Oct 08	Pass	Suitable for backfilling
TP902	D	Face	24 Oct 08	Pass	Suitable for backfilling
TP902	E1	Face	24 Oct 08	Pass	Suitable for backfilling
TP902	C	Face	02 Nov 08	Pass	Suitable for backfilling
TP905	S01	Surface	29 Jul 08	Pass	Added to general stockpile
TP905	G01	Base	04 Aug 08	FAIL	Required to be removed from site.

Trial Pit	Stockpile / Face ID	Source Material	Date Sampled	Results	Comment
TP905	G02	Base	04 Aug 08	FAIL	Required to be removed from site.
TP905	G03	Base	04 Aug 08	Pass	Added to general stockpile
TP905	G04	Base	04 Aug 08	FAIL	Required to be removed from site.
TP905	G05	Base	04 Aug 08	Pass	Added to general stockpile
TP905	G06	Base	04 Aug 08	Pass	Added to general stockpile
TP905	G07	Base	04 Aug 08	FAIL	Required to be removed from site.
TP905	S02	Surface	04 Aug 08	Pass	Added to general stockpile
TP905	B2	Face	26 Sep 08	FAIL	To split and resample
TP905	C	Face	26 Sep 08	Pass	Suitable for backfilling
TP905	D	Face	26 Sep 08	Pass	Suitable for backfilling
TP905	E2	Face	26 Sep 08	Pass	Suitable for backfilling
TP905	E3	Face	26 Sep 08	Pass	Suitable for backfilling
TP905	B3	Face	26 Sep 08	FAIL	To split and resample
TP905	S03	Base	26 Sep 08	FAIL	Required to be removed from site.
TP905	B2	Face	03 Oct 08	Pass	Suitable for backfilling
TP905	B3	Face	03 Oct 08	Pass	Suitable for backfilling
TP905	D	Face	27 Oct 08	Pass	Retest of sample taken 26/09/08. Should be identified as TP908. Suitable for backfilling
TP905	B1	Face	03 Oct 08	Pass	Suitable for backfilling
TP905	C2	Face	03 Oct 08	Pass	Suitable for backfilling
TP905	E1	Face	03 Oct 08	Pass	Suitable for backfilling
TP908	S01	Surface	21 Jul 08	Pass	Added to general stockpile
TP908	A	Face	21 Jul 08	Pass	Suitable for backfilling
TP908	B	Face	21 Jul 08	Pass	Suitable for backfilling
TP908	C	Face	21 Jul 08	Pass	Suitable for backfilling
TP908	D	Face	21 Jul 08	Pass	Suitable for backfilling
TP908	E	Face	21 Jul 08	Pass	Suitable for backfilling

Trial Pit	Stockpile / Face ID	Source Material	Date Sampled	Results	Comment
TP908	A	Face	19 Sep 08	Pass	Suitable for backfilling
TP908	B1	Face	19 Sep 08	FAIL	To split and resample
TP908	E1	Face	19 Sep 08	Pass	Suitable for backfilling
TP908	E2	Face	19 Sep 08	Pass	Suitable for backfilling
TP908	S02	Base	23 Sep 08	FAIL	To split and resample
TP908	D	Face	26 Sep 08	FAIL	To split and resample
TP908	E3	Face	26 Sep 08	Pass	Suitable for backfilling
TP908	B1a	Face	29 Sep 08	Pass	Retest of sample taken 19/09/08. Suitable for backfilling
TP908	S02a	Base	30 Sep 08	Pass	Retest of samples taken 23/9/08. Added to general stockpile
TP908	S02b	Base	30 Sep 08	Pass	Retest of samples taken 23/9/08. Added to general stockpile
TP908	S02c	Base	30 Sep 08	Pass	Retest of samples taken 23/9/08. Added to general stockpile
TP910	S01	Surface	10 Sep 08	Pass	Added to general stockpile
TP910	S02	Surface	10 Sep 08	Pass	Added to general stockpile
TP910	S03	Surface	10 Sep 08	Pass	Added to general stockpile
TP910	S04	Surface	10 Sep 08	Pass	Added to general stockpile
TP910	B	Face	02 Nov 08	Pass	Suitable for backfilling
TP910	C	Face	02 Nov 08	Pass	Suitable for backfilling
TP910	D	Face	02 Nov 08	FAIL	To split and resample
TP910	E1	Face	02 Nov 08	Pass	Suitable for backfilling
TP910	E2	Face	02 Nov 08	Pass	Suitable for backfilling
TP910	D	Face	06 Nov 08	Pass	Retest of sample taken 02/11/08
TP911	E	Face	26 Jun 08	Pass	Suitable for backfilling
TP912	S01	Surface	24 Jun 08	Pass	Backfilled in TP912
TP912	S02	Base	24 Jun 08	Pass	Backfilled in TP912
TP913	S01	Surface	04 Aug 08	Pass	Added to general stockpile
TP913	S02	Surface	04 Aug 08	Pass	Added to general stockpile

Trial Pit	Stockpile / Face ID	Source Material	Date Sampled	Results	Comment
TP913	S03	Surface	04 Aug 08	Pass	Added to general stockpile
TP913	S04	Surface	12 Aug 08	Pass	Added to general stockpile
TP913	S05	Base	18 Aug 08	Pass	Added to general stockpile
TP913	S06	Base	18 Aug 08	Pass	Added to general stockpile
TP913	G01	Base	02 Sep 08	Pass	Added to general stockpile
TP913	G02	Base	02 Sep 08	Pass	Added to general stockpile
TP913	G03	Base	02 Sep 08	Pass	Added to general stockpile
TP913	G04	Base	02 Sep 08	Pass	Added to general stockpile
TP913	B	Face	18 Sep 08	Pass	Suitable for backfilling
TP913	C	Face	18 Sep 08	Pass	Suitable for backfilling
TP913	D	Face	18 Sep 08	Pass	Suitable for backfilling
TP913	E1	Face	18 Sep 08	Pass	Suitable for backfilling
TP913	E2	Face	18 Sep 08	Pass	Suitable for backfilling
TP913	G01	Base	22 Sep 08	FAIL	Required to be removed from site.
TP913	G02	Base	22 Sep 08	FAIL	Required to be removed from site.
TP913	G03	Base	22 Sep 08	FAIL	Required to be removed from site.
TP913	G04	Base	22 Sep 08	FAIL	Required to be removed from site.
TP913	G05	Base	22 Sep 08	FAIL	Required to be removed from site.
TP914	S01	Base	11 Jul 08	Pass	Added to general stockpile
TP914	S02	Surface	11 Jul 08	Pass	Backfilled to TP655a
TP914	S03	Surface	11 Jul 08	Pass	Added to general stockpile
TP914	S04	Surface	11 Jul 08	Pass	Added to general stockpile
TP914	S05	Base	21 Jul 08	Pass	Added to general stockpile
TP914	G01	Base	04 Aug 08	FAIL	Required to be removed from site.
TP914	G02	Base	04 Aug 08	FAIL	Required to be removed from site.
TP914	S05	Surface	02 Sep 08	Pass	Added to general stockpile

Trial Pit	Stockpile / Face ID	Source Material	Date Sampled	Results	Comment
TP914	S07	Surface	14 Oct 08	Pass	Added to general stockpile
TP914	S08	Surface	24 Oct 08	Pass	Added to general stockpile
TP914	S09	Surface	24 Oct 08	Pass	Added to general stockpile
TP914	A1	Face	24 Oct 08	Pass	Suitable for backfilling
TP914	D1	Face	24 Oct 08	Pass	Suitable for backfilling
TP914	A2	Face	24 Oct 08	Pass	Suitable for backfilling
TP914	D2	Face	24 Oct 08	Pass	Suitable for backfilling
TP914	E1	Face	24 Oct 08	Pass	Suitable for backfilling
TP914	E2	Face	24 Oct 08	Pass	Suitable for backfilling
TP914	D3	Face	02 Nov 08	Pass	Suitable for backfilling
TP914	D4	Face	02 Nov 08	Pass	Suitable for backfilling
TP914	E4	Face	02 Nov 08	Pass	Suitable for backfilling
TP914	E3	Face	02 Nov 08	Pass	Suitable for backfilling
TP914	C	Face	02 Nov 08	Pass	Suitable for backfilling
TP914	S06	Surface	14 Oct 08	Pass	Added to general stockpile
TP915	A	Face	10 Oct 08	Pass	Suitable for backfilling
TP915	B	Face	10 Oct 08	Pass	Suitable for backfilling
TP915	C	Face	10 Oct 08	Pass	Suitable for backfilling
TP915	D	Face	10 Oct 08	Pass	Suitable for backfilling
TP915	E	Face	10 Oct 08	Pass	Suitable for backfilling
TP915	S01	Surface	13 Oct 08	Pass	Added to general stockpile
ES02	Bund	Surface	19 Mar 09	Pass	Suitable for site re-use
ES03	Bund	Surface	19 Mar 09	FAIL	To split and resample
ES04	Bund	Surface	19 Mar 09	FAIL	To split and resample
ES05	Bund	Surface	19 Mar 09	Pass	Suitable for site re-use
ES06	Bund	Surface	01 April 09	FAIL	Retest of sample taken 19/03/09. Material disposed to landfill on the 9th of April

ES07	Bund	Surface	01 April 09	FAIL	Retest of sample taken 19/03/09. Material disposed to landfill on the 9th of April

Appendix I Soil Validation Analysis Results

Client: **Norwest Holst Ltd - Soil Engineering Div**
Parkside Lane
Dewsbury Road
LEEDS
West Yorkshire
LS11 5SX

FAO: Mr C Wilkinson

Test Report Number: R08/1129

Client Project Name:	**Durham Road, Newport**
Client Project Number:	**F15285**
Your Order Number:	**F15285**
Order Receipt Date:	**30/06/08**
Reporting Date:	**Monday 7 July 2008**

If you have any queries regarding this report please contact our Customer Services Section

ECõS Environmental Limited
Low Moor Business Park, Common Road, Bradford BD12 0NB
Tel: 01274 691122 Fax: 01274 608100

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Monday 7 July 2008

Comments

All analyses are carried out using the laboratory's standard methods unless otherwise agreed.

The test results in this report refer only to the actual samples on which testing has been performed.

Any opinions and/or interpretations expressed herein are outside the scope of the testing laboratory's UKAS accreditation.

The test report shall not be reproduced, except in full, without the testing laboratory's written approval.

This testing laboratory cannot be held responsible for the condition or suitability of samples submitted for testing by a third party or for the competency of personnel other than its own staff.

This laboratory cannot be held responsible for the accuracy of test sample locations or descriptions when supplied by a third party.

Soil Samples

Results are expressed on a dry mass basis. Assisted drying carried out @ 40°C.

See key in Notes section for explanation of numerical categories for asbestos results, if applicable.

All material is crushed if possible after assisted drying. Material which cannot be crushed is removed prior to analysis. See Notes section for details, if applicable.

Samples submitted for leachate determination were prepared using agreed procedures and analysed using UKAS accredited methodology where appropriate.

Results are expressed without correction for recovery factors.

All results marked with an ^{M} meet the criteria of the Environment Agency performance standard for laboratories undertaking chemical testing of soil (MCERTS V3).

Sample Pretreatment (as listed in method statement)

AD = Assisted drying @ 40°C R = As Received

Sample Type

B = Bulk disturbed sample
C = Core Sample
D = Small disturbed sample
ES = Environmental Soil Sample
P = Piston sample
U = Undisturbed sample - open drive
W = Water Sample
EW = Environmental Water Sample

Sample Results

\# Analysis not requested
*** Test not completed. Please see notes on last page

Signed:_____

For and on behalf of ECõS Environmental Limited

Approved signatories:

Name	Position
J R Brown	Business Development Manager
L Dewell	Production Manager
J Stoddart	Technical Manager

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Monday 7 July 2008

Soil Samples

Method Statement

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	UKAS Accreditation	Sub-Contracted	Result Date
Polychlorinated biphenyl BZ#101	GC-MS	AD	0.05 ug/kg	Yes	Yes	04/07/08
Polychlorinated biphenyl BZ#118	GC-MS	AD	0.05 ug/kg	Yes	Yes	04/07/08
Polychlorinated biphenyl BZ#138	GC-MS	AD	0.05 ug/kg	Yes	Yes	04/07/08
Polychlorinated biphenyl BZ#153	GC-MS	AD	0.05 ug/kg	Yes	Yes	04/07/08
Polychlorinated biphenyl BZ#180	GC-MS	AD	0.05 ug/kg	Yes	Yes	04/07/08
Polychlorinated biphenyl BZ#28	GC-MS	AD	0.05 ug/kg	Yes	Yes	04/07/08
Polychlorinated biphenyl BZ#52	GC-MS	AD	0.05 ug/kg	Yes	Yes	04/07/08

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Monday 7 July 2008

Sample Location		A	B	C	D	E
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type		ES	ES	ES	ES	ES
Date Sampled						
Receipt Date		30/06/08	30/06/08	30/06/08	30/06/08	30/06/08
ECõS Sample ID		S0807160	S0807161	S0807162	S0807163	S0807164
Matrix Type		Soil	Soil	Soil	Soil	Soil
Principle Soil Type (for MCERTS)		SAND	SAND	SAND	SAND	GRAVEL
Determinand	**Units**					
Polychlorinated biphenyl BZ#28	µg/kg	<0.05	* <0.50	<0.05	<0.05	<0.05
Polychlorinated biphenyl BZ#52	µg/kg	<0.05	* <0.50	<0.05	<0.05	<0.05
Polychlorinated biphenyl BZ#101	µg/kg	0.07	* <0.50	<0.05	<0.05	<0.05
Polychlorinated biphenyl BZ#118	µg/kg	<0.05	* <0.50	<0.05	<0.05	<0.05
Polychlorinated biphenyl BZ#153	µg/kg	0.05	* <0.50	<0.05	<0.05	<0.05
Polychlorinated biphenyl BZ#138	µg/kg	0.09	* <0.50	<0.05	<0.05	<0.05
Polychlorinated biphenyl BZ#180	µg/kg	<0.05	* <0.50	<0.05	<0.05	<0.05

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Monday 7 July 2008

Sample Location		S01	SO2
Top Depth / m			
Bottom Depth / m			
Sample No.			
Sample Type		ES	ES
Date Sampled			
Receipt Date		30/06/08	30/06/08
ECõS Sample ID		S0807165	S0807166
Matrix Type		Soil	Soil
Principle Soil Type (for MCERTS)		SAND	SAND
Determinand	**Units**		
Polychlorinated biphenyl BZ#28	µg/kg	<0.05	<0.05
Polychlorinated biphenyl BZ#52	µg/kg	<0.05	<0.05
Polychlorinated biphenyl BZ#101	µg/kg	0.09	<0.05
Polychlorinated biphenyl BZ#118	µg/kg	0.12	<0.05
Polychlorinated biphenyl BZ#153	µg/kg	0.2	0.07
Polychlorinated biphenyl BZ#138	µg/kg	0.41	0.1
Polychlorinated biphenyl BZ#180	µg/kg	0.2	<0.05

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Monday 7 July 2008

Sample Description - Soil samples

ECõS Sample ID	Colour	Principle Type	Principle Size/mm
S0807160	BLACK	SAND	0.06-0.2
S0807161	BLACK	SAND	0.06-0.2
S0807162	BLACK	SAND	0.06-0.2
S0807163	BLACK	SAND	0.06-0.2
S0807164	BROWN	GRAVEL	6-20
S0807165	BLACK	SAND	0.06-0.2
S0807166	BLACK	SAND	0.06-0.2

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Monday 7 July 2008

Notes and Preservation Details

No preservation or stabilisation of test samples undertaken at sampling site.

Note * LOD raised due to test sample dilution prior to analysis.

PCB analyses undertaken by UKAS laboratory number 1549.

End of Test Report

Client: **Norwest Holst Ltd - Soil Engineering Div**
Parkside Lane
Dewsbury Road
LEEDS
West Yorkshire
LS11 5SX

FAO: Mr C Wilkinson

Test Report Number: R08/1142

Client Project Name:	**Durham Rd, Newport**
Client Project Number:	**F15285**
Your Order Number:	**F15285**
Order Receipt Date:	**02/07/08**
Reporting Date:	**Wednesday 9 July 2008**

If you have any queries regarding this report please contact our Customer Services Section

ECõS Environmental Limited
Low Moor Business Park, Common Road, Bradford BD12 0NB
Tel: 01274 691122 Fax: 01274 608100

Client Project Name: Durham Rd, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Wednesday 9 July 2008

Comments

All analyses are carried out using the laboratory's standard methods unless otherwise agreed.

The test results in this report refer only to the actual samples on which testing has been performed.

Any opinions and/or interpretations expressed herein are outside the scope of the testing laboratory's UKAS accreditation.

The test report shall not be reproduced, except in full, without the testing laboratory's written approval.

This testing laboratory cannot be held responsible for the condition or suitability of samples submitted for testing by a third party or for the competency of personnel other than its own staff.

This laboratory cannot be held responsible for the accuracy of test sample locations or descriptions when supplied by a third party.

Soil Samples

Results are expressed on a dry mass basis. Assisted drying carried out @ 40°C.

See key in Notes section for explanation of numerical categories for asbestos results, if applicable.

All material is crushed if possible after assisted drying. Material which cannot be crushed is removed prior to analysis. See Notes section for details, if applicable.

Samples submitted for leachate determination were prepared using agreed procedures and analysed using UKAS accredited methodology where appropriate.

Results are expressed without correction for recovery factors.

All results marked with an ^{M} meet the criteria of the Environment Agency performance standard for laboratories undertaking chemical testing of soil (MCERTS V3).

Sample Pretreatment (as listed in method statement)

AD = Assisted drying @ 40°C R = As Received

Sample Type

B = Bulk disturbed sample
C = Core Sample
D = Small disturbed sample
ES = Environmental Soil Sample
P = Piston sample
U = Undisturbed sample - open drive
W = Water Sample
EW = Environmental Water Sample

Sample Results

\# Analysis not requested
*** Test not completed. Please see notes on last page

Signed:_____

For and on behalf of ECõS Environmental Limited

Approved signatories:

Name	Position
J R Brown	Business Development Manager
L Dewell	Production Manager
J Stoddart	Technical Manager

Client Project Name: Durham Rd, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Wednesday 9 July 2008

Soil Samples

Method Statement

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	UKAS Accreditation	Sub-Contracted	Result Date
Polychlorinated biphenyl BZ#101	GC-MS	AD	0.05 ug/kg	Yes	Yes	08/07/08
Polychlorinated biphenyl BZ#118	GC-MS	AD	0.05 ug/kg	Yes	Yes	08/07/08
Polychlorinated biphenyl BZ#138	GC-MS	AD	0.05 ug/kg	Yes	Yes	08/07/08
Polychlorinated biphenyl BZ#153	GC-MS	AD	0.05 ug/kg	Yes	Yes	08/07/08
Polychlorinated biphenyl BZ#180	GC-MS	AD	0.05 ug/kg	Yes	Yes	08/07/08
Polychlorinated biphenyl BZ#28	GC-MS	AD	0.05 ug/kg	Yes	Yes	08/07/08
Polychlorinated biphenyl BZ#52	GC-MS	AD	0.05 ug/kg	Yes	Yes	08/07/08

Client Project Name: Durham Rd, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Wednesday 9 July 2008

Sample Location		TP911	TP655A	TP655A	TP655A	TP655A
Top Depth / m						
Bottom Depth / m						
Sample No.		Face E	A	B	C	D
Sample Type			ES	ES	ES	ES
Date Sampled		30/06/08				
Receipt Date		02/07/08	02/07/08	02/07/08	02/07/08	02/07/08
ECõS Sample ID		S0807253	S0807254	S0807255	S0807256	S0807257
Matrix Type		Soil	Soil	Soil	Soil	Soil
Principle Soil Type (for MCERTS)		SAND	SAND	LOAM	SAND	SAND
Determinand	**Units**					
Polychlorinated biphenyl BZ#28	ug/kg	(9) <0.50	200	4	(9) <0.50	16000
Polychlorinated biphenyl BZ#52	ug/kg	1.3	370	8.9	1.4	50000
Polychlorinated biphenyl BZ#101	ug/kg	2.9	770	80	21	43000
Polychlorinated biphenyl BZ#118	ug/kg	7.3	2900	460	110	24000
Polychlorinated biphenyl BZ#153	ug/kg	6.6	2400	150	36	51000
Polychlorinated biphenyl BZ#138	ug/kg	16	8200	350	75	61000
Polychlorinated biphenyl BZ#180	ug/kg	11	3900	370	83	60000

Client Project Name: Durham Rd, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Wednesday 9 July 2008

Sample Location		TP655A	TP655A	TP655A	TP655A	TP902
Top Depth / m						
Bottom Depth / m						
Sample No.		E	SO1	SO2	SO3	SO3
Sample Type		ES	ES	ES	ES	ES
Date Sampled						
Receipt Date		02/07/08	02/07/08	02/07/08	02/07/08	02/07/08
ECõS Sample ID		S0807258	S0807259	S0807260	S0807261	S0807262
Matrix Type		Soil	Soil	Soil	Soil	Soil
Principle Soil Type (for MCERTS)		SAND	SAND	SAND	GRAVEL	CLAY
Determinand	**Units**					
Polychlorinated biphenyl BZ#28	ug/kg	650	1400	49000	100000	370
Polychlorinated biphenyl BZ#52	ug/kg	1700	4400	78000	340000	280
Polychlorinated biphenyl BZ#101	ug/kg	1000	20000	83000	5800000	920
Polychlorinated biphenyl BZ#118	ug/kg	1100	110000	270000	34000000	5700
Polychlorinated biphenyl BZ#153	ug/kg	570	34000	100000	11000000	2100
Polychlorinated biphenyl BZ#138	ug/kg	1300	75000	210000	24000000	3900
Polychlorinated biphenyl BZ#180	ug/kg	860	82000	240000	29000000	5700

Client Project Name: Durham Rd, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Wednesday 9 July 2008

Sample Location	TP902
Top Depth / m	
Bottom Depth / m	
Sample No.	SO4
Sample Type	
Date Sampled	
Receipt Date	02/07/08
ECõS Sample ID	S0807263
Matrix Type	Soil
Principle Soil Type (for MCERTS)	CLAY

Determinand	Units	
Polychlorinated biphenyl BZ#28	ug/kg	85
Polychlorinated biphenyl BZ#52	ug/kg	110
Polychlorinated biphenyl BZ#101	ug/kg	270
Polychlorinated biphenyl BZ#118	ug/kg	1200
Polychlorinated biphenyl BZ#153	ug/kg	390
Polychlorinated biphenyl BZ#138	ug/kg	750
Polychlorinated biphenyl BZ#180	ug/kg	780

Client Project Name: Durham Rd, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Wednesday 9 July 2008

Sample Description - Soil samples

ECõS Sample ID	Colour	Principle Type	Principle Size/mm
S0807253	BROWN	SAND	0.06-0.2
S0807254	BLACK	SAND	0.06-0.2
S0807255	N/A	LOAM	N/A
S0807256	BROWN/GRAVEL	SAND	0.06-0.2
S0807257	BLACK	SAND	0.06-0.2
S0807258	BLACK	SAND	0.06-0.2
S0807259	BROWN	SAND	0.06-0.2
S0807260	BLACK	SAND	0.06-0.2
S0807261	BROWN	GRAVEL	20-60
S0807262	LIGHT ORANGE	CLAY	<0.06
S0807263	LIGHT ORANGE	CLAY	<0.06

Client Project Name: Durham Rd, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Wednesday 9 July 2008

Notes and Preservation Details

No preservation or stabilisation of test samples undertaken at sampling site.

Note (9) LOD raised due to dilution of test sample prior to analysis

PCB analyses undertaken by UKAS laboratory number 1549.

End of Test Report

ECoS REPORT NO.		081222	Durham Rd, Newport																
DATE ISSUED		24/07/08	F15285																
HOLE NO/SAMPLE ID		TP635A	TP635A	TP635A	TP635A	TP635A	TP635A	TP914	TP914	TP914	TP914	TP902	TP902	TP902	TP902	TP655A	TP655A	TP655A	TP914
SAMPLE DEPTH																			2.00 - 2.20m
SAMPLE NO.		.S07	.S01	.S06	.S05	.S03	.S02	.S01	.S02	.S03	.S04	.S01	.S02	.S03	.S04	Face D	Face A	.S04	.SS01
SAMPLE TYPE																			
DATE SAMPLED		11/07/08	11/07/08	11/07/08	11/07/08	11/07/08	11/07/08	11/07/08	11/07/08	11/07/08	11/07/08	11/07/08	11/07/08	11/07/08	11/07/08				04/07/08
RECEIPT DATE		14/07/08	14/07/08	14/07/08	14/07/08	14/07/08	14/07/08	14/07/08	14/07/08	14/07/08	14/07/08	14/07/08	14/07/08	14/07/08	14/07/08	14/07/08	14/07/08	14/07/08	14/07/08
OUR REF.		S0807702	S0807703	S0807704	S0807705	S0807706	S0807707	S0807708	S0807709	S0807710	S0807711	S0807712	S0807713	S0807714	S0807715	S0807716	S0807717	S0807718	S0807719
MATRIX		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Polychlorinated biphenyl BZ#28	µg/kg	150	9	15	7	23	800	12	0.7	33	80	6	340	8	350	8	23	26000	40000
Polychlorinated biphenyl BZ#52	µg/kg	1100	66	180	41	930	1500	80	2.4	930	100	14	780	15	850	23	180	51000	260000
Polychlorinated biphenyl BZ#101	µg/kg	2400	89	340	51	1500	3000	160	2.6	2400	140	11	1000	13	1300	43	260	30000	450000
Polychlorinated biphenyl BZ#118	µg/kg	2700	89	180	330	2200	1700	100	2.6	1200	91	15	870	8.1	970	160	210	22000	240000
Polychlorinated biphenyl BZ#153	µg/kg	2100	63	230	250	1400	3700	110	2	1700	180	16	480	14	920	85	240	25000	350000
Polychlorinated biphenyl BZ#138	µg/kg	4800	100	250	870	4400	4800	130	3.6	1700	190	27	790	16	1100	200	240	28000	360000
Polychlorinated biphenyl BZ#180	µg/kg	1400	62	110	250	1100	3200	53	2.1	810	120	21	290	17	430	140	130	23000	170000

ECoS REPORT NO.		081304i	Durham Rd																		
DATE ISSUED		01/08/08	F15285																		
HOLE NO/SAMPLE ID		TP655A	TP655A	TP655A	TP655A	TP655A	TP655A	TP655A	TP655A	TP655A	TP655A	TP655A	TP655A	TP655A	TP655A	TP655A	TP655A	TP655A	TP655A	TP655A	TP655A
SAMPLE DEPTH																					
SAMPLE NO.		B09	B10	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22	B23	B24	B25	B26	B27	B28
SAMPLE TYPE																					
DATE SAMPLED		18/07/08	18/07/08	18/07/08	18/07/08	18/07/08	18/07/08	18/07/08	18/07/08	18/07/08	18/07/08	18/07/08	18/07/08	18/07/08	18/07/08	18/07/08	18/07/08	18/07/08	18/07/08	18/07/08	18/07/08
RECEIPT DATE		24/07/08	24/07/08	24/07/08	24/07/08	24/07/08	24/07/08	24/07/08	24/07/08	24/07/08	24/07/08	24/07/08	24/07/08	24/07/08	24/07/08	24/07/08	24/07/08	24/07/08	24/07/08	24/07/08	24/07/08
OUR REF.		S0808235	S0808236	S0808237	S0808238	S0808239	S0808240	S0808241	S0808242	S0808243	S0808244	S0808245	S0808246	S0808247	S0808248	S0808249	S0808250	S0808251	S0808252	S0808253	S0808254
MATRIX		Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Polychlorinated biphenyl BZ#28	µg/kg	1100	4400	6000	400	32000	130	13000	320000	20000	4600	120	900	1500	36000	2400	80	(9) <50	2400	4900	2200
Polychlorinated biphenyl BZ#52	µg/kg	2700	12000	12000	1100	41000	320	25000	500000	67000	11000	430	4700	12000	180000	12000	310	97	13000	28000	12000
Polychlorinated biphenyl BZ#101	µg/kg	3300	8400	49000	990	64000	280	22000	350000	190000	12000	260	4800	12000	110000	8900	200	(9) <50	4900	23000	5400
Polychlorinated biphenyl BZ#118	µg/kg	1100	2100	8800	380	37000	150	27000	89000	540000	4400	210	1500	4000	49000	3100	97	(9) <50	2900	11000	2800
Polychlorinated biphenyl BZ#153	µg/kg	5900	5000	89000	1100	18000	280	20000	360000	300000	19000	530	16000	16000	210000	21000	400	75	4700	25000	1300
Polychlorinated biphenyl BZ#138	µg/kg	6400	5300	130000	1300	22000	300	28000	450000	450000	17000	720	19000	17000	250000	24000	470	90	5900	27000	1900
Polychlorinated biphenyl BZ#180	µg/kg	6000	4500	130000	1200	23000	260	27000	330000	310000	14000	870	23000	15000	340000	30000	620	110	7300	39000	1900
Note (9) LOD raised due to dilution of sample prior to analysis																					

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson
04 August 2008

Dear Christiaan Wilkinson

Test Report Number **91563**

Your Project Reference **F1528S - Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 30 July 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall Laboratory Manager
□ Phil Hellier Operations Director
□ Keith Jones Technical Development Chemist
□ John Crawford Quality Manager
□ Malcolm Avis Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

LABORATORY TEST REPORT

Results of analysis of 2 samples
received 30 July 2008

Report Date
04 August 2008

FAO Christiaan Wilkinson

F1528S - Durham Rd, Newport

Login Batch No					**91563**	
Chemtest LIMS ID					AD28837	AD28838
Sample ID					TP905	TP616
Sample No					SO1	SO1
Depth						
Matrix					*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*		
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	1.1	0.1
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	0.9	0.1
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	0.6	<0.1
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	1.7	0.5
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	1.6	0.1
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	2.7	0.9
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	1.5	<0.1

All tests undertaken between 04-Aug-2008 and 4-Aug-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Client: **Norwest Holst Ltd - Soil Engineering Div**
Parkside Lane
Dewsbury Road
LEEDS
West Yorkshire
LS11 5SX

FAO: Mr C Wilkinson

Test Report Number: R08/1304

Client Project Name:	**Durham Road, Newport**
Client Project Number:	**F15285**
Your Order Number:	**F15285**
Order Receipt Date:	**24/07/08**
Reporting Date:	**Tuesday 5 August 2008**

If you have any queries regarding this report please contact our Customer Services Section

ECõS Environmental Limited
Low Moor Business Park, Common Road, Bradford BD12 0NB
Tel: 01274 691122 Fax: 01274 608100

Client Project Name: Durham Road, Newport | **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 | **Reporting Date: Tuesday 5 August 2008**

Comments

All analyses are carried out using the laboratory's standard methods unless otherwise agreed.

The test results in this report refer only to the actual samples on which testing has been performed.

Any opinions and/or interpretations expressed herein are outside the scope of the testing laboratory's UKAS accreditation.

The test report shall not be reproduced, except in full, without the testing laboratory's written approval.

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This testing laboratory cannot be held responsible for the accuracy of test sample locations or descriptions when supplied by a third party.

Soil Samples

Results are expressed on a dried mass basis. Assisted drying carried out @ 40°C.

See key in Notes section for explanation of numerical categories for asbestos results, if applicable.

All material is crushed if possible after assisted drying. Material which cannot be crushed is removed prior to analysis. See Notes section for details, if applicable.

Samples submitted for leachate determination were prepared using agreed procedures and analysed using UKAS accredited methodology where appropriate.

Results are expressed without correction for recovery factors.

Sample Pretreatment (as listed in method statement)

AD = Assisted drying @ 40°C R = As Received

Sample Type

B = Bulk disturbed sample
C = Core Sample
D = Small disturbed sample
ES = Environmental Soil Sample
P = Piston sample
U = Undisturbed sample - open drive
W = Water Sample
EW = Environmental Water Sample

Sample Results

Analysis not requested
*** Test not completed. Please see notes on last page

Signed:_____

For and on behalf of ECõS Environmental Limited

Approved signatories:

Name	Position
J R Brown	Business Development Manager
L Dewell	Production Manager
J Stoddart	Technical Manager

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Tuesday 5 August 2008

Soil Samples

Method Statement

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	UKAS Accreditation	Sub-Contracted	Result Date
Polychlorinated biphenyl BZ#101	GC-MS	AD	0.05 ug/kg	Yes	Yes	01/08/08
Polychlorinated biphenyl BZ#118	GC-MS	AD	0.05 ug/kg	Yes	Yes	01/08/08
Polychlorinated biphenyl BZ#138	GC-MS	AD	0.05 ug/kg	Yes	Yes	01/08/08
Polychlorinated biphenyl BZ#153	GC-MS	AD	0.05 ug/kg	Yes	Yes	01/08/08
Polychlorinated biphenyl BZ#180	GC-MS	AD	0.05 ug/kg	Yes	Yes	01/08/08
Polychlorinated biphenyl BZ#28	GC-MS	AD	0.05 ug/kg	Yes	Yes	01/08/08
Polychlorinated biphenyl BZ#52	GC-MS	AD	0.05 ug/kg	Yes	Yes	01/08/08

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Tuesday 5 August 2008

Sample Location / Identification		TP655A	TP655A	TP655A	TP655A	TP655A
Top Depth / m						
Bottom Depth / m						
Sample No.		B09	B10	B11	B12	B13
Sample Type						
Date Sampled		18/07/08	18/07/08	18/07/08	18/07/08	18/07/08
Receipt Date		24/07/08	24/07/08	24/07/08	24/07/08	24/07/08
ECõS Sample ID		S0808235	S0808236	S0808237	S0808238	S0808239
Matrix Type		Soil	Soil	Soil	Soil	Soil
Determinand	**Units**					
Polychlorinated biphenyl BZ#28	µg/kg	1100	4400	6000	400	32000
Polychlorinated biphenyl BZ#52	µg/kg	2700	12000	12000	1100	41000
Polychlorinated biphenyl BZ#101	µg/kg	3300	8400	49000	990	64000
Polychlorinated biphenyl BZ#118	µg/kg	1100	2100	8800	380	37000
Polychlorinated biphenyl BZ#153	µg/kg	5900	5000	89000	1100	18000
Polychlorinated biphenyl BZ#138	µg/kg	6400	5300	130000	1300	22000
Polychlorinated biphenyl BZ#180	µg/kg	6000	4500	130000	1200	23000

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Tuesday 5 August 2008

Sample Location / Identification		TP655A	TP655A	TP655A	TP655A	TP655A
Top Depth / m						
Bottom Depth / m						
Sample No.		B14	B15	B16	B17	B18
Sample Type						
Date Sampled		18/07/08	18/07/08	18/07/08	18/07/08	18/07/08
Receipt Date		24/07/08	24/07/08	24/07/08	24/07/08	24/07/08
ECõS Sample ID		S0808240	S0808241	S0808242	S0808243	S0808244
Matrix Type		Soil	Soil	Soil	Soil	Soil
Determinand	**Units**					
Polychlorinated biphenyl BZ#28	µg/kg	130	13000	320000	20000	4600
Polychlorinated biphenyl BZ#52	µg/kg	320	25000	500000	67000	11000
Polychlorinated biphenyl BZ#101	µg/kg	280	22000	350000	190000	12000
Polychlorinated biphenyl BZ#118	µg/kg	150	27000	89000	540000	4400
Polychlorinated biphenyl BZ#153	µg/kg	280	20000	360000	300000	19000
Polychlorinated biphenyl BZ#138	µg/kg	300	28000	450000	450000	17000
Polychlorinated biphenyl BZ#180	µg/kg	260	27000	330000	310000	14000

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Tuesday 5 August 2008

Sample Location / Identification		TP655A	TP655A	TP655A	TP655A	TP655A
Top Depth / m						
Bottom Depth / m						
Sample No.		B19	B20	B21	B22	B23
Sample Type						
Date Sampled		18/07/08	18/07/08	18/07/08	18/07/08	18/07/08
Receipt Date		24/07/08	24/07/08	24/07/08	24/07/08	24/07/08
ECõS Sample ID		S0808245	S0808246	S0808247	S0808248	S0808249
Matrix Type		Soil	Soil	Soil	Soil	Soil
Determinand	**Units**					
Polychlorinated biphenyl BZ#28	µg/kg	120	900	1500	36000	2400
Polychlorinated biphenyl BZ#52	µg/kg	430	4700	12000	180000	12000
Polychlorinated biphenyl BZ#101	µg/kg	260	4800	12000	110000	8900
Polychlorinated biphenyl BZ#118	µg/kg	210	1500	4000	49000	3100
Polychlorinated biphenyl BZ#153	µg/kg	530	16000	16000	210000	21000
Polychlorinated biphenyl BZ#138	µg/kg	720	19000	17000	250000	24000
Polychlorinated biphenyl BZ#180	µg/kg	870	23000	15000	340000	30000

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Tuesday 5 August 2008

Sample Location / Identification		TP655A	TP655A	TP655A	TP655A	TP655A
Top Depth / m						
Bottom Depth / m						
Sample No.		B24	B25	B26	B27	B28
Sample Type						
Date Sampled		18/07/08	18/07/08	18/07/08	18/07/08	18/07/08
Receipt Date		24/07/08	24/07/08	24/07/08	24/07/08	24/07/08
ECõS Sample ID		S0808250	S0808251	S0808252	S0808253	S0808254
Matrix Type		Soil	Soil	Soil	Soil	Soil
Determinand	**Units**					
Polychlorinated biphenyl BZ#28	µg/kg	80	(9) <50	2400	4900	2200
Polychlorinated biphenyl BZ#52	µg/kg	310	97	13000	28000	12000
Polychlorinated biphenyl BZ#101	µg/kg	200	(9) <50	4900	23000	5400
Polychlorinated biphenyl BZ#118	µg/kg	97	(9) <50	2900	11000	2800
Polychlorinated biphenyl BZ#153	µg/kg	400	75	4700	25000	1300
Polychlorinated biphenyl BZ#138	µg/kg	470	90	5900	27000	1900
Polychlorinated biphenyl BZ#180	µg/kg	620	110	7300	39000	1900

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Tuesday 5 August 2008

Notes and Preservation Details

Note (9) LOD raised due to dilution of sample prior to analysis

PCB analyses undertaken by UKAS laboratory number 1549.

End of Test Report

Client: **Norwest Holst Ltd - Soil Engineering Div**
Parkside Lane
Dewsbury Road
LEEDS
West Yorkshire
LS11 5SX

FAO: Mr C Wilkinson

Test Report Number: R08/1300

Client Project Name:	**Durham Rd, Newport**
Client Project Number:	**F15825**
Your Order Number:	**F15825**
Order Receipt Date:	**23/07/08**
Reporting Date:	**Thursday 7 August 2008**

If you have any queries regarding this report please contact our Customer Services Section

ECõS Environmental Limited
Low Moor Business Park, Common Road, Bradford BD12 0NB
Tel: 01274 691122 Fax: 01274 608100

Client Project Name: Durham Rd, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15825

Reporting Date: Thursday 7 August 2008

Comments

All analyses are carried out using the laboratory's standard methods unless otherwise agreed.

The test results in this report refer only to the actual samples on which testing has been performed.

Any opinions and/or interpretations expressed herein are outside the scope of the testing laboratory's UKAS accreditation.

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This testing laboratory cannot be held responsible for the accuracy of test sample locations or descriptions when supplied by a third party.

Soil Samples

Results are expressed on a dried mass basis. Assisted drying carried out @ 40°C.

See key in Notes section for explanation of numerical categories for asbestos results, if applicable.

All material is crushed if possible after assisted drying. Material which cannot be crushed is removed prior to analysis. See Notes section for details, if applicable.

Samples submitted for leachate determination were prepared using agreed procedures and analysed using UKAS accredited methodology where appropriate.

Results are expressed without correction for recovery factors.

Sample Pretreatment (as listed in method statement)

AD = Assisted drying @ 40°C R = As Received

Sample Type

B = Bulk disturbed sample
C = Core Sample
D = Small disturbed sample
ES = Environmental Soil Sample
P = Piston sample
U = Undisturbed sample - open drive
W = Water Sample
EW = Environmental Water Sample

Sample Results

\# Analysis not requested
*** Test not completed. Please see notes on last page

Signed:_____

For and on behalf of ECõS Environmental Limited

Approved signatories:

Name	Position
J R Brown	Business Development Manager
L Dewell	Production Manager
J Stoddart	Technical Manager

Client Project Name: Durham Rd, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15825

Reporting Date: Thursday 7 August 2008

Soil Samples

Method Statement

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	UKAS Accreditation	Sub-Contracted	Result Date
Polychlorinated biphenyl BZ#101	GC-MS	AD	0.05 ug/kg	Yes	Yes	01/08/08
Polychlorinated biphenyl BZ#118	GC-MS	AD	0.05 ug/kg	Yes	Yes	01/08/08
Polychlorinated biphenyl BZ#138	GC-MS	AD	0.05 ug/kg	Yes	Yes	01/08/08
Polychlorinated biphenyl BZ#153	GC-MS	AD	0.05 ug/kg	Yes	Yes	01/08/08
Polychlorinated biphenyl BZ#180	GC-MS	AD	0.05 ug/kg	Yes	Yes	01/08/08
Polychlorinated biphenyl BZ#28	GC-MS	AD	0.05 ug/kg	Yes	Yes	01/08/08
Polychlorinated biphenyl BZ#52	GC-MS	AD	0.05 ug/kg	Yes	Yes	01/08/08

Client Project Name: Durham Rd, Newport

Project Number: F15825

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Thursday 7 August 2008

Sample Location / Identification		TP908	TP908	TP908	TP908	TP908
Top Depth / m						
Bottom Depth / m						
Sample No.		Face A	Face B	Face C	Face D	Face E
Sample Type						
Date Sampled						
Receipt Date		23/07/08	23/07/08	23/07/08	23/07/08	23/07/08
ECõS Sample ID		S0808200	S0808201	S0808202	S0808203	S0808204
Matrix Type		Soil	Soil	Soil	Soil	Soil
Determinand	**Units**					
Polychlorinated biphenyl BZ#28	µg/kg	130	120	(9) <50	(9) <50	(9) <50
Polychlorinated biphenyl BZ#52	µg/kg	180	200	(9) <50	(9) <50	(9) <50
Polychlorinated biphenyl BZ#101	µg/kg	61	190	(9) <50	(9) <50	(9) <50
Polychlorinated biphenyl BZ#118	µg/kg	(9) <50	(9) <50	(9) <50	(9) <50	(9) <50
Polychlorinated biphenyl BZ#153	µg/kg	(9) <50	160	(9) <50	(9) <50	(9) <50
Polychlorinated biphenyl BZ#138	µg/kg	(9) <50	95	(9) <50	(9) <50	(9) <50
Polychlorinated biphenyl BZ#180	µg/kg	(9) <50	(9) <50	(9) <50	(9) <50	(9) <50

Client Project Name: Durham Rd, Newport

Project Number: F15825

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Thursday 7 August 2008

Sample Location / Identification		TP635A	TP914	TP908
Top Depth / m				
Bottom Depth / m				
Sample No.		S04	S05	S01
Sample Type				
Date Sampled				
Receipt Date		23/07/08	23/07/08	23/07/08
ECõS Sample ID		S0808205	S0808206	S0808207
Matrix Type		Soil	Soil	Soil
Determinand	**Units**			
Polychlorinated biphenyl BZ#28	µg/kg	600	55	(9) <50
Polychlorinated biphenyl BZ#52	µg/kg	1900	210	93
Polychlorinated biphenyl BZ#101	µg/kg	2000	160	(9) <50
Polychlorinated biphenyl BZ#118	µg/kg	840	73	(9) <50
Polychlorinated biphenyl BZ#153	µg/kg	1200	230	(9) <50
Polychlorinated biphenyl BZ#138	µg/kg	1600	260	(9) <50
Polychlorinated biphenyl BZ#180	µg/kg	740	200	(9) <50

Client Project Name: Durham Rd, Newport

Project Number: F15825

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Thursday 7 August 2008

Notes and Preservation Details

Note (9) LOD raised due to dilution of sample prior to analysis.

PCB analyses undertaken by UKAS laboratory number 1549.

End of Test Report

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson
07 August 2008

Dear C Wilkinson

Test Report Number **100647**

Your Project Reference **Durham Road, Newport - F15285**

Please find enclosed the results of analysis for the samples received 5 August 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall Laboratory Manager
□ Phil Hellier Operations Director
□ Keith Jones Technical Development Chemist
□ John Crawford Quality Manager
□ Malcolm Avis Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples received 05 August 2008

Durham Road, Newport - F15285

Chemtest

Report Date
07 August 2008

Login Batch No					100647			
Chemtest LIMS ID					AD30750	AD30751	AD30752	AD30753
Sample ID					TP635A	TP635A	TP914	TP914
Sample No					G06	G07	G01	G02
Depth								
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*				
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	2.5	19	1.9	5.1
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	6.4	55	8.6	21
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	11	180	33	86
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	8.0	160	16	37
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	7.9	140	52	150
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	8.8	180	33	86
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	4.0	55	34	100

All tests undertaken between 07-Aug-2008 and 7-Aug-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson
08 August 2008

Dear C Wilkinson

Test Report Number **100674**

Your Project Reference **F15285 - Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 6 August 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall Laboratory Manager
□ Phil Hellier Operations Director
□ Keith Jones Technical Development Chemist
□ John Crawford Quality Manager
□ Malcolm Avis Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
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- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 6 samples
received 06 August 2008

F15285 - Durham Rd, Newport

Report Date
08 August 2008

Login Batch No					100674					
Chemtest LIMS ID					AD31262	AD31263	AD31264	AD31265	AD31266	AD31267
Sample ID					TP616	TP616	TP913	TP905	TP616	TP616
Sample No					G01	G02	S01	S02	G03	G04
Depth										
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*						
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	0.06	0.3	0.04	0.01	22	6
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	0.06	1.0	0.01	0.01	54	1.7
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	0.12	3.4	0.01	0.04	220	1.4
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	0.04	4.0	0.02	0.02	140	2.9
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	0.4	5.0	0.03	0.05	260	6.5
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	0.2	7.1	0.05	0.06	250	6.0
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	0.4	2.5	<0.01	0.04	180	3.9

All tests undertaken between 08-Aug-2008 and 8-Aug-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson
07 August 2008

Dear C Wilkinson

Test Report Number **100612**

Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 1 August 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall Laboratory Manager
□ Phil Hellier Operations Director
□ Keith Jones Technical Development Chemist
□ John Crawford Quality Manager
□ Malcolm Avis Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 6 samples
received 01 August 2008

Durham Rd, Newport

Chemtest

Report Date
07 August 2008

Login Batch No					100612					
Chemtest LIMS ID					AD29696	AD29697	AD29698	AD29699	AD29700	AD29701
Sample ID					TP655A	TP655A	TP655A	TP655A	TP655A	TP655A
Sample No					S01A	S02A	S02B	S02C	S04A	S04B
Depth										
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*						
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	1.8	2.2	3.9	1.2	2.5	9.3
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	5.6	6.3	9.1	4.1	3.2	8.4
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	12	5.0	8.0	2.1	2.4	5.0
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	51	11	21	2.9	4.6	9.9
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	27	6.7	17	2.6	4.2	6.3
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	41	9.1	28	3.4	6.3	7.2
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	47	10	24	3.1	5.1	8.4

All tests undertaken between 05-Aug-2008 and 5-Aug-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson
11 August 2008

Dear C Wilkinson

Test Report Number **91649**

Your Project Reference **Durham Rd, Newport - F15285**

Please find enclosed the results of analysis for the samples received 7 August 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall Laboratory Manager
□ Phil Hellier Operations Director
□ Keith Jones Technical Development Chemist
□ John Crawford Quality Manager
□ Malcolm Avis Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
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Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 07 August 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
11 August 2008

Login Batch No					91649		
Chemtest LIMS ID					AD31716	AD31717	AD31718
Sample ID					TP616	TP913	TP913
Sample No					G05	S02	S03
Depth							
Matrix					*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	0.4	0.03	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	1.5	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	4.3	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	3.5	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	5.4	0.05	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	6.5	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	3.0	<0.01	<0.01

All tests undertaken between 08-Aug-2008 and 8-Aug-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson
07 August 2008

Dear C Wilkinson

Test Report Number **100611**

Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 1 August 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall Laboratory Manager
□ Phil Hellier Operations Director
□ Keith Jones Technical Development Chemist
□ John Crawford Quality Manager
□ Malcolm Avis Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
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Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 5 samples
received 01 August 2008

Durham Rd, Newport

Chemtest

Report Date
07 August 2008

Login Batch No					100611				
Chemtest LIMS ID					AD29691	AD29692	AD29693	AD29694	AD29695
Sample ID					TP635A	TP635A	TP635A	TP635A	TP635A
Sample No					G01	G02	G03	G04	G05
Depth									
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*					
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	8.2	2.6	3.7	2.3	0.5
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	15	9.6	7.9	7.6	1.4
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	42	21	16	15	3.6
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	34	14	8.2	9.3	2.5
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	42	20	13	14	3.4
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	54	21	11	14	3.7
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	23	9.5	5.1	6.1	1.5

All tests undertaken between 05-Aug-2008 and 5-Aug-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson
08 August 2008

Dear C Wilkinson

Test Report Number **100675**

Your Project Reference **F15285 - Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 6 August 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall Laboratory Manager
□ Phil Hellier Operations Director
□ Keith Jones Technical Development Chemist
□ John Crawford Quality Manager
□ Malcolm Avis Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
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Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 7 samples received 06 August 2008

F15285 - Durham Rd, Newport

Chemtest

Report Date
08 August 2008

Login Batch No					**100675**							
Chemtest LIMS ID					AD31269	AD31270	AD31271	AD31272	AD31273	AD31274	AD31275
Sample ID					TP905	TP905	TP905	TP905	TP905	TP905	TP905
Sample No					G01	G02	G03	G04	G05	G06	G07
Depth											
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*							
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	3.9	15	1.2	11	0.02	0.01	5.6
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	4.3	16	1.1	16	<0.01	<0.01	4.7
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	9.3	40	2.7	50	0.01	0.01	8.5
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	9.5	51	2.3	58	0.02	0.02	10
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	7.6	28	1.9	35	<0.01	<0.01	6.9
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	9.5	37	2.6	45	0.02	0.02	8.9
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	2.7	7.5	0.5	9.9	<0.01	<0.01	2.6

All tests undertaken between 08-Aug-2008 and 8-Aug-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson
15 August 2008

Dear C Wilkinson

Test Report Number **100805**

Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 13 August 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall Laboratory Manager
□ Phil Hellier Operations Director
□ Keith Jones Technical Development Chemist
□ John Crawford Quality Manager
□ Malcolm Avis Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
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Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 2 samples
received 13 August 2008

Durham Rd, Newport

Chemtest

Report Date
15 August 2008

Login Batch No					100805	
Chemtest LIMS ID					AD34085	AD34086
Sample ID					TP616	TP913
Sample No					G02A	S04
Depth						
Matrix					*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*		
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	0.02	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	0.11	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	0.08	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	0.1	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	0.09	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	0.03	<0.01

All tests undertaken between 15-Aug-2008 and 15-Aug-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
26 August 2008

Dear Christian Wilkinson

Test Report Number **100869**
Your Project Reference **Durham Road - F15285**

Please find enclosed the results of analysis for the samples received 19 August 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall Laboratory Manager
□ Phil Hellier Operations Director
□ Keith Jones Technical Development Chemist
□ John Crawford Quality Manager
□ Malcolm Avis Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
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- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
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- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 2 samples
received 19 August 2008

Durham Road - F15285

Chemtest

Report Date
26 August 2008

Login Batch No					100869	
Chemtest LIMS ID					AD36502	AD36503
Sample ID					TP913	TP913
Sample No					505	506
Depth						
Matrix					*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*		
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	<0.01	<0.01

All tests undertaken between 26-Aug-2008 and 26-Aug-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
03 September 2008

Dear Christian Wilkinson

Test Report Number **91851**

Your Project Reference **Durham Rd, Newport - F15285**

Please find enclosed the results of analysis for the samples received 26 August 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall Laboratory Manager
□ Phil Hellier Operations Director
□ Keith Jones Technical Development Chemist
□ John Crawford Quality Manager
□ Malcolm Avis Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 5 samples
received 26 August 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
03 September 2008

Login Batch No					91851				
Chemtest LIMS ID					AD39522	AD39523	AD39524	AD39525	AD39526
Sample ID					CS01	CS02	CS03	CS04	CS05
Sample No									
Depth									
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*					
2450	Arsenic	7440382	mg kg⁻¹	M	50	39	74	73	77
	Cadmium	7440439	mg kg⁻¹	M	1.6	39	88	2.3	47
	Chromium	7440473	mg kg⁻¹	M	23	24	25	27	31
	Lead	7439921	mg kg⁻¹	M	142	1327	3654	102	3038
	Mercury	7439976	mg kg⁻¹	M	0.2	0.4	0.7	0.1	0.8
	Nickel	7440020	mg kg⁻¹	M	12	25	35	14	34
	Selenium	7782492	mg kg⁻¹	M	0.9	0.4	0.4	0.6	<0.2
2670	Total Petroleum Hydrocarbons		mg kg⁻¹	M	< 10	< 10	< 10	< 10	< 10
2701	PAH (total EPA 16)		mg kg⁻¹	M	<2	<2	<2	<2	<2
2760	Benzene	71432	µg kg⁻¹	M	<1	<1	<1	<1	<1
	Toluene	108883	µg kg⁻¹	M	<1	<1	<1	<1	<1
	Ethyl benzene	100414	µg kg⁻¹	M	<1	<1	<1	<1	<1
	m- & p-Xylene	1330207	µg kg⁻¹	M	<1	<1	<1	<1	<1
	o-Xylene	95476	µg kg⁻¹	M	<1	<1	<1	<1	<1
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg⁻¹	N	<0.1	<0.1	<0.1	<0.1	<0.1
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg⁻¹	N	<0.1	<0.1	<0.1	<0.1	<0.1
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg⁻¹	N	<0.1	<0.1	<0.1	<0.1	<0.1
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg⁻¹	N	<0.1	<0.1	<0.1	<0.1	<0.1
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg⁻¹	N	<0.1	<0.1	<0.1	<0.1	<0.1
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg⁻¹	N	<0.1	<0.1	<0.1	<0.1	<0.1
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg⁻¹	N	<0.1	<0.1	<0.1	<0.1	<0.1
2920	Phenols (total)		mg kg⁻¹	M	<0.3	<0.3	<0.3	<0.3	<0.3

All tests undertaken between 28-Aug-2008 and 2-Sep-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Depot Road
Newmarket
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Norwest Holst
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LS11 5SX

FAO Christian Wilkinson
08 September 2008

Dear Christian Wilkinson

Test Report Number **91957**

Your Project Reference **Durham Rd, Newport - F15285**

Please find enclosed the results of analysis for the samples received 3 September 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall Laboratory Manager
□ Phil Hellier Operations Director
□ Keith Jones Technical Development Chemist
□ John Crawford Quality Manager
□ Malcolm Avis Technical Director

2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

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LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 5 samples received 03 September 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
08 September 2008

Login Batch No					91957				
Chemtest LIMS ID					AD42349	AD42350	AD42351	AD42352	AD42353
Sample ID					TP914	TP913	TP913	TP913	TP913
Sample No					S05	G01	G02	G03	G04
Depth									
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*					
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01

All tests undertaken between 08-Sep-2008 and 8-Sep-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Depot Road
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Norwest Holst
Parkside Lane
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LS11 5SX

FAO Christian Wilkinson
17 September 2008

Dear Christian Wilkinson

Test Report Number **92070**

Your Project Reference **Durham Rd, Newport F15285**

Please find enclosed the results of analysis for the samples received 11 September 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall Laboratory Manager
□ Phil Hellier Operations Director
□ Keith Jones Technical Development Chemist
□ John Crawford Quality Manager
□ Malcolm Avis Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
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FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 2 samples received 11 September 2008

Durham Rd, Newport F15285

Chemtest

Report Date
17 September 2008

Login Batch No					92070	
Chemtest LIMS ID					AD45634	AD45635
Sample ID					TP910	TP910
Sample No					S01	S02
Depth						
Matrix					*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*		
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	0.04	0.06
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	0.02	0.1
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	0.03	0.5
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	0.02	0.4
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	0.04	0.4
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	0.04	0.4
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	0.03	0.5

All tests undertaken between 17-Sep-2008 and 17-Sep-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

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Newmarket
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Tel: 01638 606070

Norwest Holst
Parkside Lane
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Leeds
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FAO C Wilkinson
18 September 2008

Dear C Wilkinson

Test Report Number **101231**

Your Project Reference **Durham Road, Newport**

Please find enclosed the results of analysis for the samples received 16 September 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall Laboratory Manager
□ Phil Hellier Operations Director
□ Keith Jones Technical Development Chemist
□ John Crawford Quality Manager
□ Malcolm Avis Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
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FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 2 samples received 16 September 2008

Durham Road, Newport

Chemtest

Report Date
18 September 2008

Login Batch No					101231	
Chemtest LIMS ID					AD47440	AD47441
Sample ID					TP910	TP910
Sample No					S03	S04
Depth						
Matrix					*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*		
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	<0.01	0.07
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	<0.01	0.09
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	0.01	0.3
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	<0.01	0.2
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	0.01	0.2
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	0.01	0.2
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	0.01	0.3

All tests undertaken between 18-Sep-2008 and 18-Sep-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

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FAO C Wilkinson
24 September 2008

Dear C Wilkinson

Test Report Number **101283**
Your Project Reference **Durham Road, Newport**

Please find enclosed the results of analysis for the samples received 19 September 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall	Laboratory Manager
□ Phil Hellier	Operations Director
☒ Keith Jones	Technical Development Chemist
□ John Crawford	Quality Manager
□ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

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FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 5 samples received 19 September 2008

Durham Road, Newport

Chemtest

Report Date
24 September 2008

Login Batch No					101283				
Chemtest LIMS ID					AD48454	AD48455	AD48456	AD48457	AD48458
Sample ID					TP913	TP913	TP913	TP913	TP913
Sample No					FACE B	C	D	E1	E2
Depth									
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*					
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	<0.01	<0.01	<0.01	0.1	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	<0.01	<0.01	<0.01	0.3	0.3
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	<0.01	<0.01	<0.01	0.7	0.7
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	<0.01	<0.01	<0.01	0.6	0.6
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	<0.01	<0.01	<0.01	1.1	0.6

All tests undertaken between 24-Sep-2008 and 24-Sep-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

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Dewsbury Road
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LS11 5SX

FAO Christian Wilkinson
26 September 2008

Dear Christian Wilkinson

Test Report Number **74294**
Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 22 September 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☑ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Chemist
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

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- *Tests marked 'N' do not currently hold UKAS accreditation*
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FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 6 samples
received 22 September 2008

Durham Rd, Newport

Chemtest

Report Date
26 September 2008

Login Batch No					74294					
Chemtest LIMS ID					AD48897	AD48898	AD48899	AD48900	AD48901	AD48902
Sample ID					TP908	TP908	TP908	TP908	TP616	TP616
Sample No					A	B1	E1	E2	C	E2
Depth										
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*						
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	0.2	0.5	<0.01	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	0.3	2.1	<0.01	0.02	0.2	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	0.2	1.7	<0.01	0.01	0.2	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	0.8	4.6	0.1	0.04	0.3	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	0.5	3.8	<0.01	0.03	0.2	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	0.5	3.0	<0.01	0.03	<0.01	<0.01

All tests undertaken between 19-Sep-2008 and 19-Sep-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

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Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson
26 September 2008

Dear C Wilkinson

Test Report Number **101316**
Your Project Reference **F15285 - Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 23 September 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☑ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Chemist
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
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- *The results relate only to the items tested*

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FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples received 23 September 2008

F15285 - Durham Rd, Newport

Chemtest

Report Date
26 September 2008

Login Batch No					101316		
Chemtest LIMS ID					AD49141	AD49142	AD49143
Sample ID					S02	S03	S04
Sample No							
Depth							
Matrix					*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	<0.01	<0.01	0.5
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	<0.01	1.4	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	<0.01	0.8	0.7
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	<0.01	1.5	<0.01

All tests undertaken between 26-Sep-2008 and 26-Sep-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson
26 September 2008

Dear C Wilkinson

Test Report Number **101314**
Your Project Reference **F15285 - Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 23 September 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

KTJones

Authorised Signatory

☐ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Chemist
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
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LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 5 samples received 23 September 2008

F15285 - Durham Rd, Newport

Chemtest

Report Date
26 September 2008

Login Batch No					101314				
Chemtest LIMS ID					AD49126	AD49127	AD49128	AD49129	AD49130
Sample ID					G01	G02	G03	G04	G05
Sample No									
Depth									
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*					
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	4.2	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	3.6	<0.01	<0.01	1.4	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	7.6	2.2	2.9	3.5	4.2
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	3.9	0.01	1.6	1.9	2.2
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	16	4.7	5.9	7.2	8.2
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	12	3.4	4.5	5.0	6.3
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	11	3.1	4.4	4.9	5.6

All tests undertaken between 26-Sep-2008 and 26-Sep-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson
29 September 2008

Dear C Wilkinson

Test Report Number **101351**
Your Project Reference **F15285 - Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 25 September 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall	Laboratory Manager
□ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Chemist
□ John Crawford	Quality Manager
□ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

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Parkside Lane
Dewsbury Road
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LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 6 samples received 25 September 2008

F15285 - Durham Rd, Newport

Chemtest

Report Date
29 September 2008

Login Batch No					101351					
Chemtest LIMS ID					AD49894	AD49895	AD49896	AD49897	AD49898	AD49899
Sample ID					A	B	C	E1	E2	S01
Sample No										
Depth										
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*						
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	<0.01	<0.01	<0.01	0.07	<0.01	0.2
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	0.2
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	0.1
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	0.1
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	0.1
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	0.1
Sub	Actinolite	77536664		SU			Not detected			
	Amosite	12172735		SU			Not detected			
	Anthophyllite	77536675		SU			Not detected			
	Chrysotile	12001295		SU			Detected			
	Crocidolite	12001284		SU			Not detected			
	Tremolite	77536686		SU			Not detected			

All tests undertaken between 29-Sep-2008 and 29-Sep-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

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Newmarket
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Norwest Holst
Parkside Lane
Dewsbury Road
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LS11 5SX

FAO C Wilkinson
29 September 2008

Dear C Wilkinson

Test Report Number **101352**
Your Project Reference **F15285 - Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 25 September 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

KT Jones

Authorised Signatory

☐ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Chemist
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
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- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
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LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples received 25 September 2008

F15285 - Durham Rd, Newport

Chemtest

Report Date
29 September 2008

Login Batch No					101352		
Chemtest LIMS ID					AD49900	AD49901	AD49902
Sample ID					TP616	TP616	TP908
Sample No					B	E1	S02
Depth							
Matrix					*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	<0.01	<0.01	1.1
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	0.4	0.02	2.0
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	0.5	0.1	4.8
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	<0.01	0.07	3.6
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	<0.01	0.05	7.8
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	0.2	0.07	6.5
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	<0.01	<0.01	5.3

All tests undertaken between 29-Sep-2008 and 29-Sep-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

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Norwest Holst
Parkside Lane
Dewsbury Road
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LS11 5SX

FAO Christian Wilkinson
02 October 2008

Dear Christian Wilkinson

Test Report Number **101380**
Your Project Reference **F15285 - Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 29 September 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

KT Jones

Authorised Signatory

☐ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Chemist
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
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- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

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FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 5 samples received 29 September 2008

F15285 - Durham Rd, Newport

Report Date
02 October 2008

Login Batch No					101380				
Chemtest LIMS ID					AD50507	AD50508	AD50509	AD50510	AD50511
Sample ID					TP905	TP616	TP616	TP908	TP908
Sample No					S03	D	E3	D	E3
Depth									
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*					
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	8.4	<0.01	0.03	2.7	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	13	<0.01	0.2	3.2	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	14	0.2	0.5	5.4	0.1
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	8.3	0.2	0.3	4.0	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	21	0.3	1.0	11	0.2
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	20	0.2	0.9	8.7	0.2
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	23	0.2	0.8	8.0	0.2

All tests undertaken between 01-Oct-2008 and 2-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

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Newmarket
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Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
02 October 2008

Dear Christian Wilkinson

Test Report Number **101381**
Your Project Reference **F15285 - Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 29 September 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☐ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Chemist
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
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- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

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FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 6 samples
received 29 September 2008

F15285 - Durham Rd, Newport

Report Date
02 October 2008

Login Batch No					101381					
Chemtest LIMS ID					AD50526	AD50527	AD50528	AD50529	AD50530	AD50531
Sample ID					TP905	TP905	TP905	TP905	TP905	TP905
Sample No					B2	B3	C	D	E2	E3
Depth										
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*						
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	2.6	3.6	1.3	0.2	<0.01	0.6
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	3.6	5.4	1.1	0.4	0.2	0.8
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	7.8	8.4	1.8	0.8	0.5	2.2
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	5.6	5.8	4.6	0.7	0.5	1.6
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	7.2	8.1	1.2	0.9	0.8	1.7
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	8.1	9.9	1.7	0.8	0.8	2.0
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	3.5	5.8	0.5	0.5	0.8	1.1

All tests undertaken between 02-Oct-2008 and 2-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

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Newmarket
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Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
03 October 2008

Dear Christian Wilkinson

Test Report Number **74389**
Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 30 September 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

KTJones

Authorised Signatory

☐ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Chemist
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
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- *The results relate only to the items tested*

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Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 30 September 2008

Durham Rd, Newport

Chemtest

Report Date
03 October 2008

Login Batch No					74389		
Chemtest LIMS ID					AD51062	AD51063	AD51064
Sample ID					TP908	TP902	TP00
Sample No					B1	S05	S01
Depth							
Matrix					*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	<0.01	1.8	27
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	<0.01	7.7	42
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	0.01	16	120
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	<0.01	16	99
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	0.02	18	100
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	0.02	24	100
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	0.01	11	44

All tests undertaken between 02-Oct-2008 and 3-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

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Newmarket
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Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
06 October 2008

Dear Christian Wilkinson

Test Report Number **74412**
Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 2 October 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

IKT Jones

Authorised Signatory

□ Darrell Hall	Laboratory Manager
□ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Chemist
□ John Crawford	Quality Manager
□ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
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- *The results relate only to the items tested*

Test Report 74412 Cover Sheet

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 02 October 2008

Durham Rd, Newport

Chemtest

Report Date
06 October 2008

Login Batch No					74412		
Chemtest LIMS ID					AD51658	AD51659	AD51660
Sample ID					TP908	TP908	TP908
Sample No					So2a	So2b	So2c
Depth							
Matrix					*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	0.04	0.4	0.2
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	0.3	0.4	0.2
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	0.9	1.0	0.6
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	0.6	0.9	0.4
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	1.8	1.8	1.2
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	1.7	1.7	1.0
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	1.8	1.7	1.4

All tests undertaken between 06-Oct-2008 and 6-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson
07 October 2008

Dear C Wilkinson

Test Report Number **74445**
Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 6 October 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall	Laboratory Manager
□ Phil Hellier	Operations Director
☒ Keith Jones	Technical Development Chemist
□ John Crawford	Quality Manager
□ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

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Dewsbury Road
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LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 6 samples
received 06 October 2008

Durham Rd, Newport

Chemtest

Report Date
07 October 2008

Login Batch No					74445					
Chemtest LIMS ID					AD52420	AD52421	AD52422	AD52423	AD52424	AD52425
Sample ID					TP635A	TP635A	TP635A	TP635A	TP635A	TP635A
Sample No					S05	S06	S07	S08	S09	S10
Depth										
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*						
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	0.03	0.09	0.02	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	0.05	0.1	0.05	0.02	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	<0.01	<0.01	<0.01	0.02	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	0.03	<0.01	<0.01	0.03	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	0.03	0.1	<0.01	0.03	0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	0.05	<0.01	<0.01	<0.01	<0.01	<0.01

All tests undertaken between 07-Oct-2008 and 7-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson
07 October 2008

Dear C Wilkinson

Test Report Number **74446**
Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 6 October 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall	Laboratory Manager
□ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Chemist
□ John Crawford	Quality Manager
□ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
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- *Tests marked 'S' were subcontracted to an approved laboratory*
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- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 6 samples
received 06 October 2008

Durham Rd, Newport

Chemtest

Report Date
07 October 2008

Login Batch No					74446					
Chemtest LIMS ID					AD52433	AD52434	AD52435	AD52436	AD52437	AD52438
Sample ID					TP635A	TP635A	TP635A	TP635A	TP635A	TP635A
Sample No					S11	S12	S13	S14	E3	E4
Depth										
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*						
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	<0.01	<0.01	<0.01	0.09	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	<0.01	<0.01	0.07	0.5	0.01	0.02
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	0.02	<0.01	0.3	2.1	0.06	0.2
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	<0.01	<0.01	0.2	1.6	0.05	0.4
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	<0.01	<0.01	0.3	1.5	0.05	0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	<0.01	<0.01	0.3	1.7	0.07	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	<0.01	<0.01	<0.01	0.6	<0.01	<0.01

All tests undertaken between 07-Oct-2008 and 7-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
08 October 2008

Dear Christian Wilkinson

Test Report Number **74443**
Your Project Reference **Durham Road, Newport**

Please find enclosed the results of analysis for the samples received 6 October 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

KT Jones

Authorised Signatory

□ Darrell Hall	Laboratory Manager
□ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Chemist
□ John Crawford	Quality Manager
□ Malcolm Avis	Technical Director

UKAS TESTING
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Norwest Holst
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Dewsbury Road
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LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 06 October 2008

Durham Road, Newport

Chemtest

Report Date
08 October 2008

Login Batch No					74443			
Chemtest LIMS ID					AD52387	AD52388	AD52389	AD52390
Sample ID					TP634	TP634	TP634	TP634
Sample No					A	B	D	E
Depth								
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*				
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	0.08	<0.01	0.02	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	0.04	<0.01	0.02	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	0.03	<0.01	0.05	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	0.02	<0.01	0.04	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	0.03	<0.01	0.06	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	0.03	<0.01	0.05	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01

All tests undertaken between 07-Oct-2008 and 7-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

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Newmarket
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Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson
08 October 2008

Dear C Wilkinson

Test Report Number **74444**
Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 6 October 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☐ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☒ Keith Jones	Technical Development Chemist
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

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FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 12 samples
received 06 October 2008

Durham Rd, Newport

Chemtest

Report Date
08 October 2008

Login Batch No					74444							
Chemtest LIMS ID					AD52407	AD52408	AD52409	AD52410	AD52411	AD52412	AD52413	AD52414
Sample ID					TP635A	TP905	TP905	TP905	TP905	TP905	TP635A	TP635A
Sample No					A	B1	B2	B3	C2	E1	B1	B2
Depth												
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*								
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	0.1	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	0.04	0.03	<0.01	<0.01	0.02	0.5	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	<0.01	0.04	<0.01	<0.01	0.1	3.1	0.06	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	3.5	0.08	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	3.3	0.09	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	0.1	3.6	0.08	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	1.7	<0.01	<0.01

All tests undertaken between 07-Oct-2008 and 8-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
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FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 12 samples
received 06 October 2008

Durham Rd, Newport

Chemtest

Report Date
08 October 2008

Login Batch No					74444			
Chemtest LIMS ID					AD52415	AD52416	AD52417	AD52418
Sample ID					TP635A	TP635A	TP635A	TP635A
Sample No					B3	B4	E1	E2
Depth								
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*				
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	<0.01	<0.01	0.04	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	<0.01	<0.01	0.1	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	<0.01	<0.01	0.1	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	<0.01	<0.01	0.1	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	<0.01	<0.01	0.2	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	<0.01	<0.01	0.1	<0.01

All tests undertaken between 07-Oct-2008 and 8-Oct-2008

* Accreditation status

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FAO C Wilkinson
15 October 2008

Dear C Wilkinson

Test Report Number **74512**
Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 13 October 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☑ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Chemist
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

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FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 6 samples
received 13 October 2008

Durham Rd, Newport

Chemtest

Report Date
15 October 2008

Login Batch No					74512					
Chemtest LIMS ID					AD54487	AD54488	AD54489	AD54490	AD54491	AD54492
Sample ID					636D	636D	636D	636D	636D	636D
Sample No					B	C	D	E	S01	S02
Depth										
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*						
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	0.05	0.23	0.2	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	0.03	0.15	0.2	<0.01	0.4	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	0.02	<0.01	0.6	<0.01	1.7	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	<0.01	<0.01	0.5	<0.01	1.4	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	0.04	0.07	0.9	<0.01	1.9	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	0.04	0.08	0.8	<0.01	1.9	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	0.1	<0.01	1.1	<0.01	1.8	<0.01

All tests undertaken between 10-Oct-2008 and 10-Oct-2008

* Accreditation status

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Leeds
LS11 5SX

FAO C Wilkinson
15 October 2008

Dear C Wilkinson

Test Report Number **74513**
Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 13 October 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☑ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Chemist
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

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FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 8 samples
received 13 October 2008

Durham Rd, Newport

Chemtest

Report Date
15 October 2008

Login Batch No					74513							
Chemtest LIMS ID					AD54493	AD54494	AD54495	AD54496	AD54497	AD54498	AD54499	AD54500
Sample ID					TP656B	TP656B	TP656B	TP656B	TP656C	TP656C	TP656C	TP656C
Sample No					A	B	D	E	B	C	D	E
Depth												
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*								
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	0.03	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	0.3	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	0.3	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	0.3	0.1	<0.01	0.02	<0.01	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	0.4	0.09	<0.01	0.02	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	0.08	0.3	0.06	0.09	<0.01	<0.01	<0.01	<0.01

All tests undertaken between 10-Oct-2008 and 10-Oct-2008

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Chemtest

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Norwest Holst
Parkside Lane
Dewsbury Road
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LS11 5SX

FAO Christiaan Wilkinson
15 October 2008

Dear Christiaan Wilkinson

Test Report Number **48497**
Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 13 October 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☑ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Chemist
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
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FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 13 October 2008

Durham Rd, Newport

Chemtest

Report Date
15 October 2008

Login Batch No					48497			
Chemtest LIMS ID					AD54387	AD54388	AD54389	AD54390
Sample ID					TP636 C	TP636 C	TP636 C	TP636 C
Sample No					S01	B	D	E
Depth								
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*				
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	<0.01	<0.01	0.01	0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	<0.01	<0.01	<0.01	0.07
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	<0.01	<0.01	<0.01	0.61
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	<0.01	<0.01	<0.01	0.47
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	<0.01	<0.01	<0.01	0.65
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	<0.01	<0.01	<0.01	9.4

All tests undertaken between 10-Oct-2008 and 10-Oct-2008

* Accreditation status

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Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
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LS11 5SX

FAO Christiaan Wilkinson
15 October 2008

Dear Christiaan Wilkinson

Test Report Number **74496**
Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 13 October 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

☐ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Chemist
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

Authorised Signatory

UKAS TESTING
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FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 6 samples
received 13 October 2008

Durham Rd, Newport

Report Date
15 October 2008

Login Batch No					74496					
Chemtest LIMS ID					AD54129	AD54130	AD54131	AD54132	AD54133	AD54134
Sample ID					TP915	TP915	TP915	TP915	TP915	TP00
Sample No					A	B	C	D	E	S02
Depth										
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*						
2450	Arsenic	7440382	mg kg⁻¹	M						26
	Cadmium	7440439	mg kg⁻¹	M						6.4
	Chromium	7440473	mg kg⁻¹	M						36
	Mercury	7439976	mg kg⁻¹	M						19
	Nickel	7440020	mg kg⁻¹	M						70
	Lead	7439921	mg kg⁻¹	M						317
	Selenium	7782492	mg kg⁻¹	M						1.1
2675	TPH aliphatic >C5-C6		mg kg⁻¹	N						< 0.1
	TPH aliphatic >C6-C8		mg kg⁻¹	N						< 0.1
	TPH aliphatic >C8-C10		mg kg⁻¹	N						< 0.1
	TPH aliphatic >C10-C12		mg kg⁻¹	N						18
	TPH aliphatic >C12-C16		mg kg⁻¹	N						220
	TPH aliphatic >C16-C21		mg kg⁻¹	N						1200
	TPH aliphatic >C21-C35		mg kg⁻¹	N						7700
	TPH aromatic >C5-C7		mg kg⁻¹	N						< 0.1
	TPH aromatic >C7-C8		mg kg⁻¹	N						< 0.1
	TPH aromatic >C8-C10		mg kg⁻¹	N						110
	TPH aromatic >C10-C12		mg kg⁻¹	N						19
	TPH aromatic >C12-C16		mg kg⁻¹	N						49
	TPH aromatic >C16-C21		mg kg⁻¹	N						63
	TPH aromatic >C21-C35		mg kg⁻¹	N						350
	Total Petroleum Hydrocarbons		mg kg⁻¹	N						9900
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg⁻¹	N	<0.01	<0.01	<0.01	<0.01	0.01	
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg⁻¹	N	<0.01	<0.01	<0.01	<0.01	0.01	
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg⁻¹	N	<0.01	<0.01	<0.01	<0.01	0.01	
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg⁻¹	N	<0.01	<0.01	<0.01	<0.01	0.01	
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	

All tests undertaken between 10-Oct-2008 and 15-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
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Norwest Holst
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LS11 5SX

FAO C Wilkinson
16 October 2008

Dear C Wilkinson

Test Report Number **74528**
Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 14 October 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☑ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Chemist
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

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FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 7 samples
received 14 October 2008

Durham Rd, Newport

Chemtest

Report Date
16 October 2008

Login Batch No					74528						
Chemtest LIMS ID					AD54762	AD54763	AD54764	AD54765	AD54766	AD54767	AD54768
Sample ID					TP636C	TP636C	TP656B	TP656B	TP656C	TP656C	TP915
Sample No					A	S02	S01	S02	S01	S02	S01
Depth											
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*							
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	<0.01	<0.01	0.3	<0.01	0.2	<0.01	6.7
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	<0.01	<0.01	0.4	<0.01	0.4	<0.01	3.0
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	<0.01	<0.01	1.2	<0.01	1.1	<0.01	0.7
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	<0.01	<0.01	1.2	<0.01	1.6	<0.01	0.6
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	<0.01	<0.01	3.6	<0.01	3.3	<0.01	0.9
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	<0.01	<0.01	4.0	<0.01	3.8	<0.01	0.6
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	0.05	<0.01	14	0.9	12	<0.01	0.9

All tests undertaken between 10-Oct-2008 and 10-Oct-2008

* Accreditation status

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FAO Christiaan Wilkinson
17 October 2008

Dear Christiaan Wilkinson

Test Report Number **74542**
Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 15 October 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☐ Darrell Hall	Laboratory Manager
☑ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Chemist
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
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Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
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FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 15 October 2008

Durham Rd, Newport

Chemtest

Report Date
17 October 2008

Login Batch No					74542		
Chemtest LIMS ID					AD54960	AD54961	AD54962
Sample ID					TP914	TP914	TP635A
Sample No					S06	S07	S15
Depth							
Matrix					*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	<0.01	<0.01	0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	<0.01	<0.01	0.04
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	<0.01	<0.01	0.02
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	<0.01	<0.01	0.04
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	<0.01	<0.01	0.05
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	<0.01	<0.01	<0.01
2030	Moisture		%	n/a	15.2	13.2	15.5
	Stone content (as received)		%	n/a	<0.02	<0.02	<0.02
2140	Soil colour			n/a	brown	brown	brown
	Soil texture			n/a	sand	sand	clay
	Other material			n/a	stones	stones	stones

All tests undertaken between 16-Oct-2008 and 17-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

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FAO Christiaan Wilkinson
22 October 2008

Dear Christiaan Wilkinson

Test Report Number **56121**
Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 20 October 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☐ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
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Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
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FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 1 sample
received 20 October 2008

Durham Rd, Newport

Chemtest

Report Date
22 October 2008

Login Batch No					**56121**
Chemtest LIMS ID					AD56542
Sample ID					TP636 C
Sample No					E
Depth					
Matrix					*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*	
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	0.09

All tests undertaken between 21-Oct-2008 and 21-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

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FAO C Wilkinson
24 October 2008

Dear C Wilkinson

Test Report Number **74619**
Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 22 October 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

KT Jones

Authorised Signatory

☐ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
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Notes to accompany report:

- *The sign < means 'less than'*
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- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
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LABORATORY TEST REPORT

Results of analysis of 5 samples
received 22 October 2008

Durham Rd, Newport

Report Date
24 October 2008

FAO C Wilkinson

Login Batch No					74619				
Chemtest LIMS ID					AD56984	AD56985	AD56986	AD56987	AD56988
Sample ID					TP656C	TP656C	TP656C	TP656B	TP656B
Sample No					So1a	So1b	So1c	So1a	So1b
Depth									
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*					
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	0.5
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	0.03	0.2	0.08	0.07	0.6
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	0.2	0.5	0.3	0.2	0.2
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	0.5	0.3	0.3	0.8	2.3
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	0.7	1.8	2.3	1.0	4.8
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	1.3	1.6	2.2	1.9	6.3
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	0.8	9.3	14	1.3	9.2

All tests undertaken between 24-Oct-2008 and 24-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

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Norwest Holst
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FAO C Wilkinson
27 October 2008

Dear C Wilkinson

Test Report Number **74631**
Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 23 October 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☑ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
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Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
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- *The results relate only to the items tested*

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FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 9 samples
received 23 October 2008

Durham Rd, Newport

Chemtest

Report Date
27 October 2008

Login Batch No					74631							
Chemtest LIMS ID					AD57366	AD57367	AD57368	AD57369	AD57370	AD57371	AD57372	AD57373
Sample ID					TP902	TP902	TP902	TP902	TP902	TP902	TP902	TP635A
Sample No					A2	A3	B2	E2	E3	E4	E5	D
Depth												
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*								
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	0.5	<0.01	<0.01	<0.01	1.1	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	0.7	<0.01	<0.01	<0.01	4.2	0.03	<0.01	0.3
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	2.1	<0.01	<0.01	0.1	13	0.09	<0.01	1.2
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	1.4	<0.01	<0.01	0.3	2.2	0.2	<0.01	1.4
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	1.5	<0.01	<0.01	0.4	17	0.3	0.02	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	2.5	<0.01	<0.01	0.6	18	0.3	<0.01	1.7
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	<0.01	<0.01	<0.01	0.3	4.6	0.2	<0.01	1.4

All tests undertaken between 27-Oct-2008 and 27-Oct-2008

* Accreditation status

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FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 9 samples
received 23 October 2008

Durham Rd, Newport

Chemtest

Report Date
27 October 2008

Login Batch No					74631
Chemtest LIMS ID					AD57374
Sample ID					TP635A
Sample No					E5
Depth					
Matrix					*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*	
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	<0.01

All tests undertaken between 27-Oct-2008 and 27-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

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Tel: 01638 606070

Norwest Holst
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FAO C Wilkinson
30 October 2008

Dear C Wilkinson

Test Report Number **74678**
Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 28 October 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☐ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
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Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
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FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 23 samples
received 28 October 2008

Durham Rd, Newport

Chemtest

Report Date
30 October 2008

Login Batch No					74678							
Chemtest LIMS ID					AD58705	AD58706	AD58707	AD58708	AD58709	AD58710	AD58711	AD58712
Sample ID					TP902	TP902	TP902	TP902	TP902	TP902	TP914	TP914
Sample No					A1	B1	D	E1	S06	S07	A1	A2
Depth												
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*								
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	<0.01	<0.01	<0.01	0.1	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	<0.01	<0.01	<0.01	0.2	0.1	0.05	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	<0.01	<0.01	<0.01	0.5	0.2	0.1	<0.01	0.2
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	<0.01	<0.01	<0.01	0.4	0.3	0.08	<0.01	0.1
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	<0.01	<0.01	<0.01	0.5	0.3	0.2	<0.01	0.5
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	<0.01	<0.01	0.16	0.5	0.3	0.2	<0.01	0.4
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	0.2	<0.01	0.4

All tests undertaken between 29-Oct-2008 and 30-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 23 samples
received 28 October 2008

Durham Rd, Newport

Chemtest

Report Date
30 October 2008

Login Batch No					74678							
Chemtest LIMS ID					AD58713	AD58714	AD58715	AD58716	AD58717	AD58718	AD58719	AD58720
Sample ID					TP914	TP914	TP914	TP914	TP914	TP914	TP656A	TP656A
Sample No					D1	D2	E1	E2	S08	S09	A	B
Depth												
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*								
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg⁻¹	N	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg⁻¹	N	<0.01	<0.01	0.2	0.01	0.1	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg⁻¹	N	<0.01	<0.01	0.5	0.06	0.1	0.2	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg⁻¹	N	<0.01	<0.01	0.4	<0.01	<0.01	0.2	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg⁻¹	N	<0.01	<0.01	0.9	0.1	<0.01	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg⁻¹	N	0.06	<0.01	0.6	0.2	<0.01	0.3	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg⁻¹	N	0.1	<0.01	0.8	0.2	<0.01	0.4	<0.01	<0.01

All tests undertaken between 29-Oct-2008 and 30-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 23 samples
received 28 October 2008

Durham Rd, Newport

Chemtest

Report Date
30 October 2008

Login Batch No					74678						
Chemtest LIMS ID					AD58721	AD58722	AD58723	AD58724	AD58725	AD58726	AD58727
Sample ID					TP656A	TP656A	TP656A	TP656A	TP656A	TP636	TP905
Sample No					C	D	E	S01	S02	S01	D
Depth											
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*							
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg⁻¹	N	<0.01	0.09	<0.01	<0.01	<0.01	0.02	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg⁻¹	N	<0.01	0.2	<0.01	0.07	<0.01	0.1	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	0.2	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	0.3	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg⁻¹	N	<0.01	0.2	<0.01	<0.01	<0.01	0.2	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg⁻¹	N	<0.01	0.2	<0.01	<0.01	<0.01	0.3	<0.01

All tests undertaken between 29-Oct-2008 and 30-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson
31 October 2008

Dear C Wilkinson

Test Report Number **74685**
Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 29 October 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☑ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
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- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 9 samples
received 29 October 2008

Durham Rd, Newport

Chemtest

Report Date
31 October 2008

Login Batch No					74685							
Chemtest LIMS ID					AD58911	AD58912	AD58913	AD58914	AD58915	AD58916	AD58917	AD58918
Sample ID					TP636	TP636	TP636	TP636	TP636	TP636	TP636	TP656
Sample No					A1	B1	B2	C	D	E	A2	E
Depth												
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*								
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

All tests undertaken between 31-Oct-2008 and 31-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 9 samples
received 29 October 2008

Durham Rd, Newport

Chemtest

Report Date
31 October 2008

Login Batch No					74685
Chemtest LIMS ID					AD58919
Sample ID					TP902
Sample No					E3
Depth					
Matrix					*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*	
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	0.3
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	0.4
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	<0.01

All tests undertaken between 31-Oct-2008 and 31-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson
31 October 2008

Dear C Wilkinson

Test Report Number **74702**
Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 30 October 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☐ Darrell Hall	Laboratory Manager
☑ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
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Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 30 October 2008

Durham Rd, Newport

Chemtest

Report Date
31 October 2008

Login Batch No					74702		
Chemtest LIMS ID					AD59236	AD59237	AD59238
Sample ID					TP656	TP656	TP656
Sample No					B	C	D
Depth							
Matrix					*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	0.2	0.02	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	0.1	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	0.3	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	0.2	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	0.4	<0.01	<0.01

All tests undertaken between 31-Oct-2008 and 31-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson
05 November 2008

Dear C Wilkinson

Test Report Number **74729**
Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 3 November 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

K Jones

Authorised Signatory

☐	Darrell Hall	Laboratory Manager
☐	Phil Hellier	Operations Director
☒	Keith Jones	Technical Development Manager
☐	John Crawford	Quality Manager
☐	Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

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Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 11 samples
received 03 November 2008

Durham Rd, Newport

Chemtest

Report Date
05 November 2008

Login Batch No					74729							
Chemtest LIMS ID					AD60037	AD60038	AD60039	AD60040	AD60041	AD60042	AD60043	AD60044
Sample ID					TP902	TP914	TP914	TP914	TP914	TP914	TP910	TP910
Sample No					C	C	D3	D4	E3	E4	B	C
Depth												
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*								
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	0.01	0.02	<0.01	<0.01	<0.01	<0.01	0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	0.03	0.06	<0.01	0.02	<0.01	<0.01	0.02	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	0.03	<0.01	<0.01	0.02	<0.01	<0.01	0.03	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	0.04	0.1	<0.01	0.03	<0.01	<0.01	0.03	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	0.02	0.2	0.01	0.05	0.01	<0.01	0.05	<0.01

All tests undertaken between 04-Nov-2008 and 5-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 11 samples
received 03 November 2008

Durham Rd, Newport

Chemtest

Report Date
05 November 2008

Login Batch No					74729		
Chemtest LIMS ID					AD60045	AD60046	AD60047
Sample ID					TP910	TP910	TP910
Sample No					D	E1	E2
Depth							
Matrix					*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	3.0	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	8.0	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	28	0.04	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	30	0.1	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	37	0.2	0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	53	0.3	0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	27	0.9	0.02

All tests undertaken between 04-Nov-2008 and 5-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson
24 March 2009

Dear Christiaan Wilkinson

Test Report Number **56953**
Your Project Reference **F15285 - Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 20 March 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☐ Darrell Hall	Laboratory Manager
☑ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

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Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples received 20 March 2009

F15285 - Durham Rd, Newport

Report Date 24 March 2009

Login Batch No					56953			
Chemtest LIMS ID					AD90718	AD90719	AD90720	AD90721
Sample ID					SP01	SP01	SP01	SP01
Sample No					ES02	ES03	ES04	ES05
Depth								
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*				
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	0.17	0.54	0.31	0.45
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	0.32	1.2	0.70	0.67
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	0.70	2.7	2.7	2.0
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	0.49	1.8	5.4	1.4
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	0.69	2.8	2.1	1.9
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	0.79	3.7	3.2	2.1
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	1.1	3.1	3.0	2.2

All tests undertaken between 24-Mar-2009 and 24-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 2 samples received 01 April 2009

F15285 Durham Rd, Newport

Chemtest
The right chemistry to deliver results

Report Date
03 April 2009

Login Batch No					75958	
Chemtest LIMS ID					AD93526	AD93527
Sample ID					SP01	SP01
Sample No					ES06	ES07
Depth						
Matrix					*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*		
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	1.6	6.9
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	2.6	8.6
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	11	25
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	9.6	22
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	17	34
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	18	34
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	18	54

All tests undertaken between 03-Apr-2009 and 3-Apr-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

The Harley Reed Building
Unit C, Drury Lane
Ponswood Industrial Estate
St Leonards on Sea
East Sussex
TN38 9BA
Telephone (01424) 718618
Facsimile (01424) 729911

2683 2683

THE ENVIRONMENTAL LABORATORY LTD

F.A.O. Nick McSwiggan
Land Clean Limited
First Floor, Unit 10
Rotherbrook Court, Bedford Road
Petersfield, Hants. GU32 3QG

Reporting Date: 30/03/2009

ANALYTICAL REPORT No. AR20044

Samples Received By:-	Courier
Samples Received:-	24/03/09
Site Location:	Stabilisation trial
No Samples Received:-	1
Date of Sampling	19/03/09

Report Checked By:-

Steve Knight
Director

Authorised By:-

Cliff P.V. Knight BSc, EurChem, CChem FRSC
Managing Director

Any comments, opinions, or interpretations expressed herein are outside the scope of UKAS accreditation (Accreditation Number 2683)

THE ENVIRONMENTAL LABORATORY LTD

The Harley Reed Building, Unit C, Drury Lane, Ponswood Industrial Estate, St Leonard's on Sea, East Sussex, TN38 9BA

Tel: 01424 718618 Fax: 01424 729911

UKAS TESTING 2683 mCERTS 2683

ANALYTICAL REPORT No. AR20044

Location: Stabilisation trial

F.A.O. Nick McSwiggan
Land Clean Limited
First Floor, Unit 10
Rotherbrook Court, Bedford Road
Petersfield, Hants. GU32 3QG

Reporting Date: 30/03/09

Soil			
		Characteristic	Silt Loam
		Date Sampled	19/03/09
		TP/BH	Scrape Area DW1
		Our ref	16439
Arsenic**	(mg/kg)		18.0
Cadmium**	(mg/kg)		2.3
Chromium**	(mg/kg)		45
Lead**	(mg/kg)		354
Mercury**	(mg/kg)		15.6
Nickel**	(mg/kg)		50
Copper**	(mg/kg)		134
Zinc**	(mg/kg)		484
Selenium	(mg/kg)		1.8
Hexavalent Chromium	(mg/kg)		<2
Water Soluble Boron	(mg/kg)		1.5
PCB 28**	(µg/kg)		0.41
PCB 52**	(µg/kg)		1.75
PCB 101**	(µg/kg)		2.73
PCB 118**	(µg/kg)		3.22
PCB 138**	(µg/kg)		3.87
PCB 153**	(µg/kg)		2.89
PCB 180**	(µg/kg)		6.93

All results expressed on dry weight basis
** - MCERTS accredited test
* = UKAS accredited test

GP

THE ENVIRONMENTAL LABORATORY LTD

The Harley Reed Building, Unit C, Drury Lane, Ponswood Industrial Estate, St Leonard's on Sea, East Sussex, TN38 9BA

Tel: 01424 718618 Fax: 01424 729911

UKAS TESTING 2683 mCERTS 2683

ANALYTICAL REPORT No. AR20044

Location: Stabilisation trial

F.A.O. Nick McSwiggan
Land Clean Limited
First Floor, Unit 10
Rotherbrook Court, Bedford Road
Petersfield, Hants. GU32 3QG

Reporting Date: 30/03/09

Soil		Characteristic	Silt Loam
		Date Sampled	19/03/09
		TP/BH	Scrape Area DW1
		Our ref	16439
Naphthalene**	(mg/kg)		<0.5
Acenaphthylene**	(mg/kg)		<0.5
Acenaphthene**	(mg/kg)		<0.5
Fluorene**	(mg/kg)		<0.5
Phenanthrene**	(mg/kg)		0.6
Anthracene**	(mg/kg)		<0.5
Fluoranthene**	(mg/kg)		1.5
Pyrene**	(mg/kg)		0.8
Benz(a)anthracene**	(mg/kg)		<0.5
Chrysene**	(mg/kg)		<0.5
Benzo(b)fluoranthene**	(mg/kg)		<0.5
Benzo(k)fluoranthene**	(mg/kg)		<0.5
Benzo(a)pyrene**	(mg/kg)		<0.5
Indeno(123-cd)pyrene**	(mg/kg)		1.7
Dibenz(ah)anthracene**	(mg/kg)		0.6
Benzo(ghi)perylene**	(mg/kg)		1.6
Total PAH**	(mg/kg)		6.8

All results expressed on dry weight basis

** - MCERTS accredited test

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UKAS TESTING 2683 mCERTS 2683

ANALYTICAL REPORT No. AR20044

Location: Stabilisation trial

F.A.O. Nick McSwiggan
Land Clean Limited
First Floor, Unit 10
Rotherbrook Court, Bedford Road
Petersfield, Hants. GU32 3QG

Reporting Date: 00/01/00

Soil

		Characteristic	Silt Loam
		Date Sampled	39891
		TP/BH	Scrape Area DW1
		Our ref	16439
C_{10}-C_{25}	(mg/kg)		176
C_{21}-C_{40}	(mg/kg)		1043
Total Petroleum Hydrocarbons**	(mg/kg)		1219

Accredited for TPH only, not banding
** - MCERTS Accredited test
All results expressed on dry weight basis
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2683 2683

THE ENVIRONMENTAL LABORATORY LTD

Waste Acceptance Criteria **ANALYTICAL *RESULTS***

Report No:	ANALYTICAL REPORT No. AR20044				Page 5 of 8		
					CLIENT:	Land Clean Limited	
Project Name:	Location: Stabilisation trial						
Lab Reference	16439				Landfill Waste Acceptance Critena Limits		
Sampling Date	19/03/09				Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample ID	Scrape Area DW1						
Depth	n/a						
Solid Waste Analysis							
TOC (%)	11.9				3%	5%	6%
Loss on Ignition (%)**	10.5				--	--	10%
BTEX (mg/kg)**	<0.01				6	--	--
Sum of PCBs (mg/kg)**	21.80				1	--	--
Mineral Oil (mg/kg)**	1219				500	--	--
Total PAH (mg/kg)**	6.8				100	--	--
pH (Units)**	8.3				--	--	--
Acid Neutralisation Capacity (mol/kg)	<0.1				--	To be evaluated	To be evaluated
Eluate Analysis	2:1	8:1		Cumulative 10:1	Limit values for compliance leaching test using BS EN 12457-3 at L/S 10 l/kg (mg/kg)		
	mg/l	mg/l		mg/kg			
Arsenic*	<0.005	<0.005		<0.1	0.5	2	25
Barium*	0.229	0.206		1.3	20	100	300
Cadmium*	<0.001	<0.001		<0.01	0.04	1	5
Chromium*	0.080	0.035		0.3	0.5	10	70
Copper*	0.008	<0.005		<0.1	2	50	100
Mercury*	0.0004	0.0002		0.001	0.01	0.2	2
Molybdenum*	0.037	0.010		<0.1	0.5	10	30
Nickel*	<0.005	<0.005		<0.1	0.4	10	40
Lead*	0.018	0.023		0.1	0.5	10	50
Antimony	0.015	0.005		0.04	0.06	0.7	5
Selenium	<0.005	<0.005		<0.01	0.1	0.5	7
Zinc*	0.038	0.075		0.4	4	50	200
Chloride*	11	4		33	800	15000	25000
Fluoride*	<1	<1		<1	10	150	500
Sulphate*	247	30		465	1000	20000	50000
TDS	550	60		1005	4000	60000	100000
Phenol Index	<0.5	<0.5		<0.5	1	-	-
DOC	10.6	6.9		46	500	800	1000
Leach Test Information							
pH *	8.0	7.9					
EC*	786	181					
Sample Mass (kg)	0.199						
Dry Matter (%)	88						
Moisture (%)	14						
Stage 1							
Volume Eluate L2 (litres)	0.325						
Filtered Eluate VE1 (litres)	0.230						

Results are expressed on a dry weight basis, after correction for moisture content where applicable
Stated limits are for guidance only and ELAB cannot be held responsible for any discrepencies with current legislation

*= UKAS accredited

** - MCERTS accredited test

The Harley Reed Building
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THE ENVIRONMENTAL LABORATORY LTD

SAMPLE RECEIPT AND TEST DATES

Our Analytical Report Number	AR20044
Sample Receipt Date:	24/03/09
Reporting Date:	30/03/09
Registered:	24/03/09
Prepared:	25/03/09
Analysis complete:	30/03/09

TEST METHOD SUMMARY

PARAMETER	Analysis Undertaken on	Date Tested	Method Number	Technique
Arsenic**	Air dried sample	25/03/09	118	ICPMS
Cadmium**	Air dried sample	25/03/09	118	ICPMS
Chromium**	Air dried sample	25/03/09	118	ICPMS
Lead**	Air dried sample	25/03/09	118	ICPMS
Mercury**	Air dried sample	25/03/09	118	ICPMS
Nickel**	Air dried sample	25/03/09	118	ICPMS
Copper**	Air dried sample	25/03/09	118	ICPMS
Zinc**	Air dried sample	25/03/09	118	ICPMS
Selenium	Air dried sample	25/03/09	118	ICPMS
Hexavalent Chromium	As submitted sample	25/03/09	110	Colorimetry
Water Soluble Boron	Air dried sample	25/03/09	202	Colorimetry
PCB(7 Congeners)	Air dried sample	27/03/09	120	GCMS
Speciated PAH**	As submitted sample	26/03/09	133	Gas Chromatography
Basic Carbon Banding (TPH)**	As submitted sample	26/03/09	117	Gas chromatography

* = UKAS Accredited test
** - MCERTS Accredited test
Determinands not marked with * or ** are not accredited
MCERTS accreditation covers samples which are predominantly sand, clay, loam or combinations of these three soil types

Any comments, opinions, or interpretations expressed herein are outside the scope of UKAS accreditation (Accreditation Number 2683)

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THE ENVIRONMENTAL LABORATORY LTD

SAMPLE RECEIPT AND TEST DATES

Our Analytical Report Number	AR20044
Sample Receipt Date:	24/03/09
Reporting Date:	30/03/09
Registered:	24/03/09
Prepared:	25/03/09
Analysis complete:	30/03/09

TEST METHOD SUMMARY

PARAMETER	Undertaken on	Date Tested	Method Number	Technique
pH Value**	Air dried sample	25/03/09	113	Electrometric
Total Organic Carbon	Air dried sample	27/03/09	210	Automated IR Absorption
Loss on Ignition**	Air dried sample	25/03/09	129	Gravimetric
Neutralization Capacity to pH 7	Air dried sample	25/03/09	-	EA
Benzene**	As submitted sample	26/03/09	154	GCMS
Toluene**	As submitted sample	26/03/09	154	GCMS
Ethyl Benzene**	As submitted sample	26/03/09	154	GCMS
Xylenes**	As submitted sample	26/03/09	154	GCMS
Mineral Oil**	As submitted sample	26/03/09	117	GCFID
PCB 28**	Air dried sample	27/03/09	120	GCMS
PCB 52**	Air dried sample	27/03/09	120	GCMS
PCB 101**	Air dried sample	27/03/09	120	GCMS
PCB 118**	Air dried sample	27/03/09	120	GCMS
PCB 138**	Air dried sample	27/03/09	120	GCMS
PCB 153**	Air dried sample	27/03/09	120	GCMS
PCB 180**	Air dried sample	27/03/09	120	GCMS
Speciated PAH**	As submitted sample	26/03/09	133	GCFID

The analysts' guide for sampling, analysis and clearance procedures
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** - MCERTS Accredited test
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MCERTS accreditation covers samples which are predominantly sand, clay, loam or combinations of these three soil types

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THE ENVIRONMENTAL LABORATORY LTD

LEACHATE SAMPLE RECEIPT AND TEST DATES

Our Analytical Report Number	AR20044
Sample Receipt Date:	24/03/09
Reporting Date:	30/03/09
Registered:	24/03/09
Prepared:	25/03/09
Analysis complete:	30/03/09

LEACHATE TEST METHOD SUMMARY

PARAMETER	Method Number	Technique
Arsenic*	101	ICPMS
Cadmium*	101	ICPMS
Chromium*	101	ICPMS
Lead*	101	ICPMS
Nickel*	101	ICPMS
Copper*	101	ICPMS
Zinc*	101	ICPMS
Mercury*	101	ICPMS
Selenium	101	ICPMS
Antimony	101	ICPMS
Barium*	101	ICPMS
Molybdenum*	101	ICPMS
pH Value*	113	Electrometric
Electrical Conductivity*	136	Probe
Dissolved Organic Carbon	102	TOC analyser
Chloride*	131	Ion Chromatography
Fluoride*	131	Ion Chromatography
Sulphate*	131	Ion Chromatography
Total Dissolved Solids	163	Gravimetric
Phenol Index	121	HPLC

* = UKAS Accredited test
Determinands not marked with * are not accredited

Any comments, opinions, or interpretations expressed herein are outside the scope of UKAS accreditation (Accreditation Number 2683)

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
19 September 2008

Dear Christian Wilkinson

Test Report Number **48194**

Your Project Reference **F15285 - Durham Road, Newport**

Please find enclosed the results of analysis for the samples received 4 September 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall Laboratory Manager
□ Phil Hellier Operations Director
□ Keith Jones Technical Development Chemist
□ John Crawford Quality Manager
□ Malcolm Avis Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

LABORATORY TEST REPORT

Waste Acceptance Criteria Waste Parameters

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX
FAO Christian Wilkinson

Results of analysis of 6 samples received 04 September 2008

F15285 - Durham Road, Newport

Report Date
19 September 2008

Login Batch No								48194
Chemtest LIMS ID					Limit values			AD43605
Sample ID					Inert waste landfill	Stable non-reactive hazardous waste in non-hazardous landfill	Hazardous waste landfill	LF01
Sample No								1/3
Depth								
Matrix								*SOIL*
Determinand↓	SOP↓	*	CAS No↓	Units↓				
Total Organic Carbon	2625	M		%	3	5	6	27
Loss on ignition	2610	N		%			10	22.4
Benzene	2760	M	71432	µg kg-¹				200
Toluene	2760	M	108883	µg kg-¹				1.2
Ethyl benzene	2760	M	100414	µg kg-¹				3.7
m- & p-Xylene	2760	M	1330207	µg kg-¹				3.4
o-Xylene	2760	M	95476	µg kg-¹				1.3
Total BTEX	2761	M		mg kg-¹	6			0.21
PCB 28	2810	N	7012375	mg kg-¹				<0.1
PCB 52	2810	N	35693993	mg kg-¹				<0.1
PCB 101	2810	N	37680732	mg kg-¹				0.1
PCB 118	2810	N	31508006	mg kg-¹				0.1
PCB 138	2810	N	35065282	mg kg-¹				0.1
PCB 153	2810	N	35065271	mg kg-¹				0.1
PCB 180	2810	N	35065293	mg kg-¹				0.1
Total PCBs (7 congeners)	2811	N		mg kg-¹	1			<1
Naphthalene	2700	M	91203	mg kg-¹				1.4
Acenaphthylene	2700	M	208968	mg kg-¹				0.4
Acenaphthene	2700	M	83329	mg kg-¹				0.6
Fluorene	2700	M	86737	mg kg-¹				0.5
Phenanthrene	2700	M	85018	mg kg-¹				2.9
Anthracene	2700	M	120127	mg kg-¹				0.7
Fluoranthene	2700	M	206440	mg kg-¹				5.6
Pyrene	2700	M	129000	mg kg-¹				4.3
Benzo[a]anthracene	2700	M	56553	mg kg-¹				2.9
Chrysene	2700	M	218019	mg kg-¹				4.5
Benzo[b]fluoranthene	2700	M	205992	mg kg-¹				4.1
Benzo[k]fluoranthene	2700	M	207089	mg kg-¹				2
Benzo[a]pyrene	2700	M	50328	mg kg-¹				3
Dibenzo[a,h]anthracene	2700	M	53703	mg kg-¹				2
Indeno[1,2,3-cd]pyrene	2700	M	193395	mg kg-¹				0.4
Benzo[g,h,i]perylene	2700	M	191242	mg kg-¹				2
Coronene	2700	N	191071	mg kg-¹				<0.1
Total (of 17) PAHs	2700	N		mg kg-¹	100			37
pH	2010	M		-		>6		7.6
Acid Neutralisation Capacity	1015	N	ANC	mol kg-¹		To evaluate	To evaluate	0.010
TPH Total WAC	2670	N		mg kg-¹	500			130

All tests undertaken between 09-Sep-2008 and 19-Sep-2008

Column page 1

* Accreditation status

Report sample ID range AD43605 to AD43616

This report should be interpreted in conjunction with the notes on the accompanying cover page

LABORATORY TEST REPORT

Waste Acceptance Criteria Waste Parameters

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX
FAO Christian Wilkinson

Results of analysis of 6 samples
received 04 September 2008
F15285 - Durham Road, Newport

Report Date
19 September 2008

Login Batch No								**48194**
Chemtest LIMS ID								AD43606
Sample ID								LF01
Sample No								2/3
Depth								
Matrix								*SOIL*
Determinand↓	SOP↓		CAS No↓	Units↓				
Total Organic Carbon	2625	M		%	3	5	6	7.0
Loss on ignition	2610	N		%			10	11.4
Benzene	2760	M	71432	µg kg-¹				38
Toluene	2760	M	108883	µg kg-¹				2.3
Ethyl benzene	2760	M	100414	µg kg-¹				37
m- & p-Xylene	2760	M	1330207	µg kg-¹				46
o-Xylene	2760	M	95476	µg kg-¹				1.6
Total BTEX	2761	M		mg kg-¹	6			0.12
PCB 28	2810	N	7012375	mg kg-¹				1.3
PCB 52	2810	N	35693993	mg kg-¹				2.6
PCB 101	2810	N	37680732	mg kg-¹				7.3
PCB 118	2810	N	31508006	mg kg-¹				5.9
PCB 138	2810	N	35065282	mg kg-¹				4.4
PCB 153	2810	N	35065271	mg kg-¹				4.9
PCB 180	2810	N	35065293	mg kg-¹				1.4
Total PCBs (7 congeners)	2811	N		mg kg-¹	1			28
Naphthalene	2700	M	91203	mg kg-¹				1
Acenaphthylene	2700	M	208968	mg kg-¹				0.1
Acenaphthene	2700	M	83329	mg kg-¹				0.2
Fluorene	2700	M	86737	mg kg-¹				0.6
Phenanthrene	2700	M	85018	mg kg-¹				5.8
Anthracene	2700	M	120127	mg kg-¹				1
Fluoranthene	2700	M	206440	mg kg-¹				8.6
Pyrene	2700	M	129000	mg kg-¹				6.8
Benzo[a]anthracene	2700	M	56553	mg kg-¹				4
Chrysene	2700	M	218019	mg kg-¹				4.8
Benzo[b]fluoranthene	2700	M	205992	mg kg-¹				2.9
Benzo[k]fluoranthene	2700	M	207089	mg kg-¹				1.7
Benzo[a]pyrene	2700	M	50328	mg kg-¹				2.6
Dibenzo[a,h]anthracene	2700	M	53703	mg kg-¹				1.5
Indeno[1,2,3-cd]pyrene	2700	M	193395	mg kg-¹				0.3
Benzo[g,h,i]perylene	2700	M	191242	mg kg-¹				1.4
Coronene	2700	N	191071	mg kg-¹				<0.1
Total (of 17) PAHs	2700	N		mg kg-¹	100			43
pH	2010	M		-		>6		7.2
Acid Neutralisation Capacity	1015	N	ANC	mol kg-¹		To evaluate	To evaluate	0.005
TPH Total WAC	2670	N		mg kg-¹	500			410

All tests undertaken between 09-Sep-2008 and 19-Sep-2008

Report sample ID range AD43605 to AD43616

This report should be interpreted in conjunction with the notes on the accompanying cover page

LABORATORY TEST REPORT

Waste Acceptance Criteria Waste Parameters

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX
FAO Christian Wilkinson

Results of analysis of 6 samples
received 04 September 2008
F15285 - Durham Road, Newport

Report Date
19 September 2008

Login Batch No								**48194**
Chemtest LIMS ID								AD43607
Sample ID								LF01
Sample No								3/3
Depth								
Matrix								*SOIL*
Determinand↓	SOP↓		CAS No↓	Units↓				
Total Organic Carbon	2625	M		%	3	5	6	16
Loss on ignition	2610	N		%			10	13.7
Benzene	2760	M	71432	µg kg-¹				4.2
Toluene	2760	M	108883	µg kg-¹				2.3
Ethyl benzene	2760	M	100414	µg kg-¹				<1
m- & p-Xylene	2760	M	1330207	µg kg-¹				<1
o-Xylene	2760	M	95476	µg kg-¹				170
Total BTEX	2761	M		mg kg-¹	6			0.18
PCB 28	2810	N	7012375	mg kg-¹				1.2
PCB 52	2810	N	35693993	mg kg-¹				0.9
PCB 101	2810	N	37680732	mg kg-¹				1.3
PCB 118	2810	N	31508006	mg kg-¹				4.0
PCB 138	2810	N	35065282	mg kg-¹				3.4
PCB 153	2810	N	35065271	mg kg-¹				6.9
PCB 180	2810	N	35065293	mg kg-¹				4.3
Total PCBs (7 congeners)	2811	N		mg kg-¹	1			22
Naphthalene	2700	M	91203	mg kg-¹				1.4
Acenaphthylene	2700	M	208968	mg kg-¹				0.3
Acenaphthene	2700	M	83329	mg kg-¹				0.4
Fluorene	2700	M	86737	mg kg-¹				0.5
Phenanthrene	2700	M	85018	mg kg-¹				5
Anthracene	2700	M	120127	mg kg-¹				1.3
Fluoranthene	2700	M	206440	mg kg-¹				9.3
Pyrene	2700	M	129000	mg kg-¹				7.1
Benzo[a]anthracene	2700	M	56553	mg kg-¹				5
Chrysene	2700	M	218019	mg kg-¹				10
Benzo[b]fluoranthene	2700	M	205992	mg kg-¹				6.8
Benzo[k]fluoranthene	2700	M	207089	mg kg-¹				4
Benzo[a]pyrene	2700	M	50328	mg kg-¹				5.8
Dibenzo[a,h]anthracene	2700	M	53703	mg kg-¹				2.9
Indeno[1,2,3-cd]pyrene	2700	M	193395	mg kg-¹				0.7
Benzo[g,h,i]perylene	2700	M	191242	mg kg-¹				2.6
Coronene	2700	N	191071	mg kg-¹				<0.1
Total (of 17) PAHs	2700	N		mg kg-¹	100			63
pH	2010	M		-		>6		7.7
Acid Neutralisation Capacity	1015	N	ANC	mol kg-¹		To evaluate	To evaluate	0.002
TPH Total WAC	2670	N		mg kg-¹	500			510

All tests undertaken between 09-Sep-2008 and 19-Sep-2008

This report should be interpreted in conjunction with the notes on the accompanying cover page

LABORATORY TEST REPORT

Waste Acceptance Criteria Waste Parameters

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX
FAO Christian Wilkinson

Results of analysis of 6 samples
received 04 September 2008
F15285 - Durham Road, Newport

Report Date
19 September 2008

Login Batch No								**48194**
Chemtest LIMS ID								AD43608
Sample ID								LF02
Sample No								1/3
Depth								
Matrix								*SOIL*
Determinand↓	SOP↓		CAS No↓	Units↓				
Total Organic Carbon	2625	M		%	3	5	6	22
Loss on ignition	2610	N		%			10	23.3
Benzene	2760	M	71432	µg kg-¹				110
Toluene	2760	M	108883	µg kg-¹				3.1
Ethyl benzene	2760	M	100414	µg kg-¹				93
m- & p-Xylene	2760	M	1330207	µg kg-¹				19
o-Xylene	2760	M	95476	µg kg-¹				2.2
Total BTEX	2761	M		mg kg-¹	6			0.23
PCB 28	2810	N	7012375	mg kg-¹				15
PCB 52	2810	N	35693993	mg kg-¹				53
PCB 101	2810	N	37680732	mg kg-¹				120
PCB 118	2810	N	31508006	mg kg-¹				80
PCB 138	2810	N	35065282	mg kg-¹				120
PCB 153	2810	N	35065271	mg kg-¹				120
PCB 180	2810	N	35065293	mg kg-¹				33
Total PCBs (7 congeners)	2811	N		mg kg-¹	1			540
Naphthalene	2700	M	91203	mg kg-¹				1
Acenaphthylene	2700	M	208968	mg kg-¹				0.4
Acenaphthene	2700	M	83329	mg kg-¹				<0.1
Fluorene	2700	M	86737	mg kg-¹				0.4
Phenanthrene	2700	M	85018	mg kg-¹				5.4
Anthracene	2700	M	120127	mg kg-¹				1
Fluoranthene	2700	M	206440	mg kg-¹				8.1
Pyrene	2700	M	129000	mg kg-¹				5.9
Benzo[a]anthracene	2700	M	56553	mg kg-¹				3.8
Chrysene	2700	M	218019	mg kg-¹				5.8
Benzo[b]fluoranthene	2700	M	205992	mg kg-¹				4.7
Benzo[k]fluoranthene	2700	M	207089	mg kg-¹				2.5
Benzo[a]pyrene	2700	M	50328	mg kg-¹				3.6
Dibenzo[a,h]anthracene	2700	M	53703	mg kg-¹				2.5
Indeno[1,2,3-cd]pyrene	2700	M	193395	mg kg-¹				0.5
Benzo[g,h,i]perylene	2700	M	191242	mg kg-¹				2.4
Coronene	2700	N	191071	mg kg-¹				<0.1
Total (of 17) PAHs	2700	N		mg kg-¹	100			48
pH	2010	M		-		>6		7.5
Acid Neutralisation Capacity	1015	N	ANC	mol kg-¹		To evaluate	To evaluate	0.137
TPH Total WAC	2670	N		mg kg-¹	500			5700

All tests undertaken between 09-Sep-2008 and 19-Sep-2008

Column page 4

Report sample ID range AD43605 to AD43616

This report should be interpreted in conjunction with the notes on the accompanying cover page

LABORATORY TEST REPORT

Waste Acceptance Criteria Waste Parameters

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX
FAO Christian Wilkinson

Results of analysis of 6 samples
received 04 September 2008
F15285 - Durham Road, Newport

Report Date
19 September 2008

Login Batch No								**48194**
Chemtest LIMS ID								AD43609
Sample ID								LF02
Sample No								2/3
Depth								
Matrix								*SOIL*
Determinand↓	SOP↓		CAS No↓	Units↓				
Total Organic Carbon	2625	M		%	3	5	6	13
Loss on ignition	2610	N		%			10	9.16
Benzene	2760	M	71432	µg kg-¹				6.8
Toluene	2760	M	108883	µg kg-¹				4.6
Ethyl benzene	2760	M	100414	µg kg-¹				13
m- & p-Xylene	2760	M	1330207	µg kg-¹				8.4
o-Xylene	2760	M	95476	µg kg-¹				1400
Total BTEX	2761	M		mg kg-¹	6			1.4
PCB 28	2810	N	7012375	mg kg-¹				0.7
PCB 52	2810	N	35693993	mg kg-¹				1.5
PCB 101	2810	N	37680732	mg kg-¹				1.4
PCB 118	2810	N	31508006	mg kg-¹				2.5
PCB 138	2810	N	35065282	mg kg-¹				1.6
PCB 153	2810	N	35065271	mg kg-¹				1.6
PCB 180	2810	N	35065293	mg kg-¹				1.9
Total PCBs (7 congeners)	2811	N		mg kg-¹	1			11
Naphthalene	2700	M	91203	mg kg-¹				0.4
Acenaphthylene	2700	M	208968	mg kg-¹				0.4
Acenaphthene	2700	M	83329	mg kg-¹				0.3
Fluorene	2700	M	86737	mg kg-¹				0.3
Phenanthrene	2700	M	85018	mg kg-¹				5.7
Anthracene	2700	M	120127	mg kg-¹				1.7
Fluoranthene	2700	M	206440	mg kg-¹				12
Pyrene	2700	M	129000	mg kg-¹				9.6
Benzo[a]anthracene	2700	M	56553	mg kg-¹				7.2
Chrysene	2700	M	218019	mg kg-¹				9.4
Benzo[b]fluoranthene	2700	M	205992	mg kg-¹				7.2
Benzo[k]fluoranthene	2700	M	207089	mg kg-¹				4.8
Benzo[a]pyrene	2700	M	50328	mg kg-¹				6.5
Dibenzo[a,h]anthracene	2700	M	53703	mg kg-¹				3.4
Indeno[1,2,3-cd]pyrene	2700	M	193395	mg kg-¹				1
Benzo[g,h,i]perylene	2700	M	191242	mg kg-¹				3.7
Coronene	2700	N	191071	mg kg-¹				<0.1
Total (of 17) PAHs	2700	N		mg kg-¹	100			74
pH	2010	M		-		>6		7.6
Acid Neutralisation Capacity	1015	N	ANC	mol kg-¹		To evaluate	To evaluate	0.026
TPH Total WAC	2670	N		mg kg-¹	500			260

All tests undertaken between 09-Sep-2008 and 19-Sep-2008

Column page 5

Report sample ID range AD43605 to AD43616

This report should be interpreted in conjunction with the notes on the accompanying cover page

LABORATORY TEST REPORT

Waste Acceptance Criteria Waste Parameters

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX
FAO Christian Wilkinson

Results of analysis of 6 samples
received 04 September 2008
F15285 - Durham Road, Newport

Report Date
19 September 2008

Login Batch No								48194
Chemtest LIMS ID								AD43610
Sample ID								LF02
Sample No								3/3
Depth								
Matrix								*SOIL*
Determinand↓	SOP↓		CAS No↓	Units↓				
Total Organic Carbon	2625	M		%	3	5	6	23
Loss on ignition	2610	N		%			10	18.6
Benzene	2760	M	71432	µg kg-¹				4.7
Toluene	2760	M	108883	µg kg-¹				3.9
Ethyl benzene	2760	M	100414	µg kg-¹				<1
m- & p-Xylene	2760	M	1330207	µg kg-¹				2.4
o-Xylene	2760	M	95476	µg kg-¹				<1
Total BTEX	2761	M		mg kg-¹	6			0.011
PCB 28	2810	N	7012375	mg kg-¹				0.3
PCB 52	2810	N	35693993	mg kg-¹				0.8
PCB 101	2810	N	37680732	mg kg-¹				0.6
PCB 118	2810	N	31508006	mg kg-¹				0.9
PCB 138	2810	N	35065282	mg kg-¹				0.6
PCB 153	2810	N	35065271	mg kg-¹				1.0
PCB 180	2810	N	35065293	mg kg-¹				0.8
Total PCBs (7 congeners)	2811	N		mg kg-¹	1			5
Naphthalene	2700	M	91203	mg kg-¹				2.8
Acenaphthylene	2700	M	208968	mg kg-¹				0.6
Acenaphthene	2700	M	83329	mg kg-¹				1.3
Fluorene	2700	M	86737	mg kg-¹				0.6
Phenanthrene	2700	M	85018	mg kg-¹				3.6
Anthracene	2700	M	120127	mg kg-¹				1.5
Fluoranthene	2700	M	206440	mg kg-¹				4.9
Pyrene	2700	M	129000	mg kg-¹				3.3
Benzo[a]anthracene	2700	M	56553	mg kg-¹				4.6
Chrysene	2700	M	218019	mg kg-¹				4.4
Benzo[b]fluoranthene	2700	M	205992	mg kg-¹				3.8
Benzo[k]fluoranthene	2700	M	207089	mg kg-¹				2.2
Benzo[a]pyrene	2700	M	50328	mg kg-¹				3.1
Dibenzo[a,h]anthracene	2700	M	53703	mg kg-¹				2
Indeno[1,2,3-cd]pyrene	2700	M	193395	mg kg-¹				0.5
Benzo[g,h,i]perylene	2700	M	191242	mg kg-¹				1.7
Coronene	2700	N	191071	mg kg-¹				<0.1
Total (of 17) PAHs	2700	N		mg kg-¹	100			41
pH	2010	M		-		>6		7.3
Acid Neutralisation Capacity	1015	N	ANC	mol kg-¹		To evaluate	To evaluate	0.012
TPH Total WAC	2670	N		mg kg-¹	500			600

All tests undertaken between 09-Sep-2008 and 19-Sep-2008

Column page 6

Report sample ID range AD43605 to AD43616

This report should be interpreted in conjunction with the notes on the accompanying cover page

LABORATORY TEST REPORT

Waste Acceptance Criteria BS EN 12457 Part 3 2 Stage

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX
FAO Christian Wilkinson

Results of analysis of 6 samples received 04 September 2008
F15285 - Durham Road, Newport

Report Date
19 September 2008

Login Batch No								48194
Chemtest LIMS ID						Limit values		AD43611
Sample ID					Inert waste landfill	Stable non-reactive hazardous waste in non-hazardous landfill	Hazardous waste landfill	LF01
Sample No								1/3
Depth								
Matrix								*LEACHATE*
Determinand↓	SOP↓	*	CAS No↓	Units↓				
As (arsenic) L/S=2	1450	N	7440382	mg kg-1				<0.05
Ba (barium) L/S=2	1450	N	7440393	mg kg-1				<0.5
Cd (cadmium) L/S=2	1450	N	7440439	mg kg-1				<0.01
Cr (chromium) L/S=2	1450	N	7440473	mg kg-1				0.08
Cu (copper) L/S=2	1450	N	7440508	mg kg-1				0.13
Hg (mercury) L/S=2	1450	N	7439976	mg kg-1				<0.005
Mo (molybdenum) L/S=2	1450	N	7439987	mg kg-1				<0.05
Ni (nickel) L/S=2	1450	N	7440020	mg kg-1				<0.05
Pb (lead) L/S=2	1450	N	7439921	mg kg-1				<0.05
Sb (antimony) L/S=2	1450	N	7440360	mg kg-1				0.01
Se (selenium) L/S=2	1450	N	7782492	mg kg-1				<0.01
Zn (zinc) L/S=2	1450	N	7440666	mg kg-1				<0.5
Cl (chloride) L/S=2	1220	U	16887006	mg kg-1				294
F (fluoride) L/S=2	1220	U	16984488	mg kg-1				<1
SO4 (sulfate) L/S=2	1220	U	14808798	mg kg-1				641
Total Dissolved Solids L/S=2	1610	N	TDS	mg kg-1				2400
Phenol index L/S=2	1920	N	108952	mg kg-1				<0.5
Dissolved Organic Carbon L/S=2	1610	N	DOC	mg kg-1				106
As (arsenic) L/S=10	1450	N	7440382	mg kg-1	0.5	2	25	0.05
Ba (barium) L/S=10	1450	N	7440393	mg kg-1	20	100	300	3.62
Cd (cadmium) L/S=10	1450	N	7440439	mg kg-1	0.04	1	5	0.01
Cr (chromium) L/S=10	1450	N	7440473	mg kg-1	0.5	10	70	0.3
Cu (copper) L/S=10	1450	N	7440508	mg kg-1	2	50	100	0.34
Hg (mercury) L/S=10	1450	N	7439976	mg kg-1	0.01	0.2	2	<0.005
Mo (molybdenum) L/S=10	1450	N	7439987	mg kg-1	0.5	10	30	0.09
Ni (nickel) L/S=10	1450	N	7440020	mg kg-1	0.4	10	40	0.09
Pb (lead) L/S=10	1450	N	7439921	mg kg-1	0.5	10	50	0.06
Sb (antimony) L/S=10	1450	N	7440360	mg kg-1	0.06	0.7	5	0.03
Se (selenium) L/S=10	1450	N	7782492	mg kg-1	0.1	0.5	7	<0.01
Zn (zinc) L/S=10	1450	N	7440666	mg kg-1	4	50	200	<0.5
Cl (chloride) L/S=10	1220	U	16887006	mg kg-1	800	15000	25000	323
F (fluoride) L/S=10	1220	U	16984488	mg kg-1	10	150	500	3.71
SO4 (sulfate) L/S=10	1220	U	14808798	mg kg-1	1000	20000	50000	859
Total Dissolved Solids L/S=10	1610	N	TDS	mg kg-1	4000	60000	100000	4820
Phenol index L/S=10	1920	N	108952	mg kg-1	1			<0.5
Dissolved Organic Carbon L/S=10	1610	N	DOC	mg kg-1	500	800	1000	194

All tests undertaken between 09-Sep-2008 and 19-Sep-2008

Column page 1

* Accreditation status

Report sample ID range AD43605 to AD43616

This report should be interpreted in conjunction with the notes on the accompanying cover page

LABORATORY TEST REPORT

Waste Acceptance Criteria BS EN 12457 Part 3 2 Stage

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX
FAO Christian Wilkinson

Results of analysis of 6 samples
received 04 September 2008
F15285 - Durham Road, Newport

Report Date
19 September 2008

Login Batch No								48194
Chemtest LIMS ID								AD43612
Sample ID								LF01
Sample No								2/3
Depth								
Matrix								*LEACHATE*
Determinand↓	SOP↓		CAS No↓	Units↓				
As (arsenic) L/S=2	1450	N	7440382	mg kg-1				<0.05
Ba (barium) L/S=2	1450	N	7440393	mg kg-1				<0.5
Cd (cadmium) L/S=2	1450	N	7440439	mg kg-1				0.01
Cr (chromium) L/S=2	1450	N	7440473	mg kg-1				0.09
Cu (copper) L/S=2	1450	N	7440508	mg kg-1				0.09
Hg (mercury) L/S=2	1450	N	7439976	mg kg-1				<0.005
Mo (molybdenum) L/S=2	1450	N	7439987	mg kg-1				0.08
Ni (nickel) L/S=2	1450	N	7440020	mg kg-1				<0.05
Pb (lead) L/S=2	1450	N	7439921	mg kg-1				<0.05
Sb (antimony) L/S=2	1450	N	7440360	mg kg-1				0.01
Se (selenium) L/S=2	1450	N	7782492	mg kg-1				<0.01
Zn (zinc) L/S=2	1450	N	7440666	mg kg-1				<0.5
Cl (chloride) L/S=2	1220	U	16887006	mg kg-1				524
F (fluoride) L/S=2	1220	U	16984488	mg kg-1				1.46
SO4 (sulfate) L/S=2	1220	U	14808798	mg kg-1				865
Total Dissolved Solids L/S=2	1610	N	TDS	mg kg-1				3600
Phenol index L/S=2	1920	N	108952	mg kg-1				<0.5
Dissolved Organic Carbon L/S=2	1610	N	DOC	mg kg-1				114
As (arsenic) L/S=10	1450	N	7440382	mg kg-1	0.5	2	25	0.25
Ba (barium) L/S=10	1450	N	7440393	mg kg-1	20	100	300	2.47
Cd (cadmium) L/S=10	1450	N	7440439	mg kg-1	0.04	1	5	0.09
Cr (chromium) L/S=10	1450	N	7440473	mg kg-1	0.5	10	70	0.99
Cu (copper) L/S=10	1450	N	7440508	mg kg-1	2	50	100	0.74
Hg (mercury) L/S=10	1450	N	7439976	mg kg-1	0.01	0.2	2	0.01
Mo (molybdenum) L/S=10	1450	N	7439987	mg kg-1	0.5	10	30	0.67
Ni (nickel) L/S=10	1450	N	7440020	mg kg-1	0.4	10	40	0.2
Pb (lead) L/S=10	1450	N	7439921	mg kg-1	0.5	10	50	0.24
Sb (antimony) L/S=10	1450	N	7440360	mg kg-1	0.06	0.7	5	0.21
Se (selenium) L/S=10	1450	N	7782492	mg kg-1	0.1	0.5	7	0.01
Zn (zinc) L/S=10	1450	N	7440666	mg kg-1	4	50	200	0.64
Cl (chloride) L/S=10	1220	U	16887006	mg kg-1	800	15000	25000	499
F (fluoride) L/S=10	1220	U	16984488	mg kg-1	10	150	500	7.85
SO4 (sulfate) L/S=10	1220	U	14808798	mg kg-1	1000	20000	50000	1030
Total Dissolved Solids L/S=10	1610	N	TDS	mg kg-1	4000	60000	100000	5180
Phenol index L/S=10	1920	N	108952	mg kg-1	1			<0.5
Dissolved Organic Carbon L/S=10	1610	N	DOC	mg kg-1	500	800	1000	192

All tests undertaken between 09-Sep-2008 and 19-Sep-2008

Report sample ID range AD43605 to AD43616

This report should be interpreted in conjunction with the notes on the accompanying cover page

LABORATORY TEST REPORT

Waste Acceptance Criteria BS EN 12457 Part 3 2 Stage

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX
FAO Christian Wilkinson

Results of analysis of 6 samples
received 04 September 2008
F15285 - Durham Road, Newport

Report Date
19 September 2008

Login Batch No								48194
Chemtest LIMS ID								AD43613
Sample ID								LF01
Sample No								3/3
Depth								
Matrix								*LEACHATE*
Determinand↓	SOP↓		CAS No↓	Units↓				
As (arsenic) L/S=2	1450	N	7440382	mg kg-1				<0.05
Ba (barium) L/S=2	1450	N	7440393	mg kg-1				<0.5
Cd (cadmium) L/S=2	1450	N	7440439	mg kg-1				<0.01
Cr (chromium) L/S=2	1450	N	7440473	mg kg-1				0.09
Cu (copper) L/S=2	1450	N	7440508	mg kg-1				0.16
Hg (mercury) L/S=2	1450	N	7439976	mg kg-1				<0.005
Mo (molybdenum) L/S=2	1450	N	7439987	mg kg-1				0.08
Ni (nickel) L/S=2	1450	N	7440020	mg kg-1				<0.05
Pb (lead) L/S=2	1450	N	7439921	mg kg-1				<0.05
Sb (antimony) L/S=2	1450	N	7440360	mg kg-1				0.02
Se (selenium) L/S=2	1450	N	7782492	mg kg-1				0.01
Zn (zinc) L/S=2	1450	N	7440666	mg kg-1				<0.5
Cl (chloride) L/S=2	1220	U	16887006	mg kg-1				37
F (fluoride) L/S=2	1220	U	16984488	mg kg-1				3.1
SO4 (sulfate) L/S=2	1220	U	14808798	mg kg-1				112
Total Dissolved Solids L/S=2	1610	N	TDS	mg kg-1				880
Phenol index L/S=2	1920	N	108952	mg kg-1				<0.5
Dissolved Organic Carbon L/S=2	1610	N	DOC	mg kg-1				54
As (arsenic) L/S=10	1450	N	7440382	mg kg-1	0.5	2	25	<0.05
Ba (barium) L/S=10	1450	N	7440393	mg kg-1	20	100	300	1.25
Cd (cadmium) L/S=10	1450	N	7440439	mg kg-1	0.04	1	5	0.01
Cr (chromium) L/S=10	1450	N	7440473	mg kg-1	0.5	10	70	0.34
Cu (copper) L/S=10	1450	N	7440508	mg kg-1	2	50	100	0.63
Hg (mercury) L/S=10	1450	N	7439976	mg kg-1	0.01	0.2	2	<0.005
Mo (molybdenum) L/S=10	1450	N	7439987	mg kg-1	0.5	10	30	0.2
Ni (nickel) L/S=10	1450	N	7440020	mg kg-1	0.4	10	40	<0.05
Pb (lead) L/S=10	1450	N	7439921	mg kg-1	0.5	10	50	0.06
Sb (antimony) L/S=10	1450	N	7440360	mg kg-1	0.06	0.7	5	0.06
Se (selenium) L/S=10	1450	N	7782492	mg kg-1	0.1	0.5	7	0.01
Zn (zinc) L/S=10	1450	N	7440666	mg kg-1	4	50	200	<0.5
Cl (chloride) L/S=10	1220	U	16887006	mg kg-1	800	15000	25000	70.5
F (fluoride) L/S=10	1220	U	16984488	mg kg-1	10	150	500	12
SO4 (sulfate) L/S=10	1220	U	14808798	mg kg-1	1000	20000	50000	233
Total Dissolved Solids L/S=10	1610	N	TDS	mg kg-1	4000	60000	100000	2500
Phenol index L/S=10	1920	N	108952	mg kg-1	1			<0.5
Dissolved Organic Carbon L/S=10	1610	N	DOC	mg kg-1	500	800	1000	114

All tests undertaken between 09-Sep-2008 and 19-Sep-2008

Report sample ID range AD43605 to AD43616

This report should be interpreted in conjunction with the notes on the accompanying cover page

LABORATORY TEST REPORT

Waste Acceptance Criteria BS EN 12457 Part 3 2 Stage

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX
FAO Christian Wilkinson

Results of analysis of 6 samples
received 04 September 2008
F15285 - Durham Road, Newport

Report Date
19 September 2008

Login Batch No								48194
Chemtest LIMS ID								AD43614
Sample ID								LF02
Sample No								1/3
Depth								
Matrix								*LEACHATE*
Determinand↓	SOP↓		CAS No↓	Units↓				
As (arsenic) L/S=2	1450	N	7440382	mg kg-1				<0.05
Ba (barium) L/S=2	1450	N	7440393	mg kg-1				<0.5
Cd (cadmium) L/S=2	1450	N	7440439	mg kg-1				<0.01
Cr (chromium) L/S=2	1450	N	7440473	mg kg-1				<0.05
Cu (copper) L/S=2	1450	N	7440508	mg kg-1				0.08
Hg (mercury) L/S=2	1450	N	7439976	mg kg-1				<0.005
Mo (molybdenum) L/S=2	1450	N	7439987	mg kg-1				<0.05
Ni (nickel) L/S=2	1450	N	7440020	mg kg-1				<0.05
Pb (lead) L/S=2	1450	N	7439921	mg kg-1				<0.05
Sb (antimony) L/S=2	1450	N	7440360	mg kg-1				0.01
Se (selenium) L/S=2	1450	N	7782492	mg kg-1				<0.01
Zn (zinc) L/S=2	1450	N	7440666	mg kg-1				<0.5
Cl (chloride) L/S=2	1220	U	16887006	mg kg-1				184
F (fluoride) L/S=2	1220	U	16984488	mg kg-1				<1
SO4 (sulfate) L/S=2	1220	U	14808798	mg kg-1				1280
Total Dissolved Solids L/S=2	1610	N	TDS	mg kg-1				3200
Phenol index L/S=2	1920	N	108952	mg kg-1				<0.5
Dissolved Organic Carbon L/S=2	1610	N	DOC	mg kg-1				102
As (arsenic) L/S=10	1450	N	7440382	mg kg-1	0.5	2	25	<0.05
Ba (barium) L/S=10	1450	N	7440393	mg kg-1	20	100	300	0.66
Cd (cadmium) L/S=10	1450	N	7440439	mg kg-1	0.04	1	5	0.01
Cr (chromium) L/S=10	1450	N	7440473	mg kg-1	0.5	10	70	0.27
Cu (copper) L/S=10	1450	N	7440508	mg kg-1	2	50	100	0.22
Hg (mercury) L/S=10	1450	N	7439976	mg kg-1	0.01	0.2	2	<0.005
Mo (molybdenum) L/S=10	1450	N	7439987	mg kg-1	0.5	10	30	0.16
Ni (nickel) L/S=10	1450	N	7440020	mg kg-1	0.4	10	40	<0.05
Pb (lead) L/S=10	1450	N	7439921	mg kg-1	0.5	10	50	<0.05
Sb (antimony) L/S=10	1450	N	7440360	mg kg-1	0.06	0.7	5	0.05
Se (selenium) L/S=10	1450	N	7782492	mg kg-1	0.1	0.5	7	<0.01
Zn (zinc) L/S=10	1450	N	7440666	mg kg-1	4	50	200	<0.5
Cl (chloride) L/S=10	1220	U	16887006	mg kg-1	800	15000	25000	201
F (fluoride) L/S=10	1220	U	16984488	mg kg-1	10	150	500	4.52
SO4 (sulfate) L/S=10	1220	U	14808798	mg kg-1	1000	20000	50000	1450
Total Dissolved Solids L/S=10	1610	N	TDS	mg kg-1	4000	60000	100000	5060
Phenol index L/S=10	1920	N	108952	mg kg-1	1			<0.5
Dissolved Organic Carbon L/S=10	1610	N	DOC	mg kg-1	500	800	1000	176

All tests undertaken between 09-Sep-2008 and 19-Sep-2008

Report sample ID range AD43605 to AD43616

This report should be interpreted in conjunction with the notes on the accompanying cover page

LABORATORY TEST REPORT

Waste Acceptance Criteria BS EN 12457 Part 3 2 Stage

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX
FAO Christian Wilkinson

Results of analysis of 6 samples
received 04 September 2008
F15285 - Durham Road, Newport

Report Date
19 September 2008

Login Batch No								48194
Chemtest LIMS ID								AD43615
Sample ID								LF02
Sample No								2/3
Depth								
Matrix								*LEACHATE*
Determinand↓	SOP↓		CAS No↓	Units↓				
As (arsenic) L/S=2	1450	N	7440382	mg kg-1				<0.05
Ba (barium) L/S=2	1450	N	7440393	mg kg-1				<0.5
Cd (cadmium) L/S=2	1450	N	7440439	mg kg-1				<0.01
Cr (chromium) L/S=2	1450	N	7440473	mg kg-1				0.08
Cu (copper) L/S=2	1450	N	7440508	mg kg-1				0.07
Hg (mercury) L/S=2	1450	N	7439976	mg kg-1				<0.005
Mo (molybdenum) L/S=2	1450	N	7439987	mg kg-1				0.08
Ni (nickel) L/S=2	1450	N	7440020	mg kg-1				<0.05
Pb (lead) L/S=2	1450	N	7439921	mg kg-1				<0.05
Sb (antimony) L/S=2	1450	N	7440360	mg kg-1				0.02
Se (selenium) L/S=2	1450	N	7782492	mg kg-1				<0.01
Zn (zinc) L/S=2	1450	N	7440666	mg kg-1				<0.5
Cl (chloride) L/S=2	1220	U	16887006	mg kg-1				31
F (fluoride) L/S=2	1220	U	16984488	mg kg-1				3.4
SO4 (sulfate) L/S=2	1220	U	14808798	mg kg-1				68.6
Total Dissolved Solids L/S=2	1610	N	TDS	mg kg-1				820
Phenol index L/S=2	1920	N	108952	mg kg-1				<0.5
Dissolved Organic Carbon L/S=2	1610	N	DOC	mg kg-1				58
As (arsenic) L/S=10	1450	N	7440382	mg kg-1	0.5	2	25	<0.05
Ba (barium) L/S=10	1450	N	7440393	mg kg-1	20	100	300	1.27
Cd (cadmium) L/S=10	1450	N	7440439	mg kg-1	0.04	1	5	0.01
Cr (chromium) L/S=10	1450	N	7440473	mg kg-1	0.5	10	70	0.34
Cu (copper) L/S=10	1450	N	7440508	mg kg-1	2	50	100	0.4
Hg (mercury) L/S=10	1450	N	7439976	mg kg-1	0.01	0.2	2	<0.005
Mo (molybdenum) L/S=10	1450	N	7439987	mg kg-1	0.5	10	30	0.14
Ni (nickel) L/S=10	1450	N	7440020	mg kg-1	0.4	10	40	<0.05
Pb (lead) L/S=10	1450	N	7439921	mg kg-1	0.5	10	50	0.13
Sb (antimony) L/S=10	1450	N	7440360	mg kg-1	0.06	0.7	5	0.07
Se (selenium) L/S=10	1450	N	7782492	mg kg-1	0.1	0.5	7	<0.01
Zn (zinc) L/S=10	1450	N	7440666	mg kg-1	4	50	200	1.36
Cl (chloride) L/S=10	1220	U	16887006	mg kg-1	800	15000	25000	65
F (fluoride) L/S=10	1220	U	16984488	mg kg-1	10	150	500	13.9
SO4 (sulfate) L/S=10	1220	U	14808798	mg kg-1	1000	20000	50000	160
Total Dissolved Solids L/S=10	1610	N	TDS	mg kg-1	4000	60000	100000	2360
Phenol index L/S=10	1920	N	108952	mg kg-1	1			<0.5
Dissolved Organic Carbon L/S=10	1610	N	DOC	mg kg-1	500	800	1000	118

All tests undertaken between 09-Sep-2008 and 19-Sep-2008

This report should be interpreted in conjunction with the notes on the accompanying cover page

LABORATORY TEST REPORT

Waste Acceptance Criteria BS EN 12457 Part 3 2 Stage

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX
FAO Christian Wilkinson

Results of analysis of 6 samples received 04 September 2008
F15285 - Durham Road, Newport

Report Date
19 September 2008

Login Batch No								**48194**
Chemtest LIMS ID								AD43616
Sample ID								LF02
Sample No								3/3
Depth								
Matrix								*LEACHATE*
Determinand↓	SOP↓		CAS No↓	Units↓				
As (arsenic) L/S=2	1450	N	7440382	mg kg-1				<0.05
Ba (barium) L/S=2	1450	N	7440393	mg kg-1				<0.5
Cd (cadmium) L/S=2	1450	N	7440439	mg kg-1				<0.01
Cr (chromium) L/S=2	1450	N	7440473	mg kg-1				0.1
Cu (copper) L/S=2	1450	N	7440508	mg kg-1				0.07
Hg (mercury) L/S=2	1450	N	7439976	mg kg-1				<0.005
Mo (molybdenum) L/S=2	1450	N	7439987	mg kg-1				0.12
Ni (nickel) L/S=2	1450	N	7440020	mg kg-1				<0.05
Pb (lead) L/S=2	1450	N	7439921	mg kg-1				<0.05
Sb (antimony) L/S=2	1450	N	7440360	mg kg-1				0.03
Se (selenium) L/S=2	1450	N	7782492	mg kg-1				0.01
Zn (zinc) L/S=2	1450	N	7440666	mg kg-1				<0.5
Cl (chloride) L/S=2	1220	U	16887006	mg kg-1				8.89
F (fluoride) L/S=2	1220	U	16984488	mg kg-1				<1
SO4 (sulfate) L/S=2	1220	U	14808798	mg kg-1				424
Total Dissolved Solids L/S=2	1610	N	TDS	mg kg-1				1140
Phenol index L/S=2	1920	N	108952	mg kg-1				<0.5
Dissolved Organic Carbon L/S=2	1610	N	DOC	mg kg-1				51.9
As (arsenic) L/S=10	1450	N	7440382	mg kg-1	0.5	2	25	0.36
Ba (barium) L/S=10	1450	N	7440393	mg kg-1	20	100	300	1.06
Cd (cadmium) L/S=10	1450	N	7440439	mg kg-1	0.04	1	5	0.01
Cr (chromium) L/S=10	1450	N	7440473	mg kg-1	0.5	10	70	0.4
Cu (copper) L/S=10	1450	N	7440508	mg kg-1	2	50	100	0.17
Hg (mercury) L/S=10	1450	N	7439976	mg kg-1	0.01	0.2	2	<0.005
Mo (molybdenum) L/S=10	1450	N	7439987	mg kg-1	0.5	10	30	0.35
Ni (nickel) L/S=10	1450	N	7440020	mg kg-1	0.4	10	40	<0.05
Pb (lead) L/S=10	1450	N	7439921	mg kg-1	0.5	10	50	0.07
Sb (antimony) L/S=10	1450	N	7440360	mg kg-1	0.06	0.7	5	0.09
Se (selenium) L/S=10	1450	N	7782492	mg kg-1	0.1	0.5	7	0.01
Zn (zinc) L/S=10	1450	N	7440666	mg kg-1	4	50	200	<0.5
Cl (chloride) L/S=10	1220	U	16887006	mg kg-1	800	15000	25000	31.6
F (fluoride) L/S=10	1220	U	16984488	mg kg-1	10	150	500	5.01
SO4 (sulfate) L/S=10	1220	U	14808798	mg kg-1	1000	20000	50000	658
Total Dissolved Solids L/S=10	1610	N	TDS	mg kg-1	4000	60000	100000	2660
Phenol index L/S=10	1920	N	108952	mg kg-1	1			<0.5
Dissolved Organic Carbon L/S=10	1610	N	DOC	mg kg-1	500	800	1000	98.4

All tests undertaken between 09-Sep-2008 and 19-Sep-2008

This report should be interpreted in conjunction with the notes on the accompanying cover page

Appendix J Water Analysis Results

Groundwater Results

Project Name	Durham Road, Newport.	**Record Of In-Situ Water Monitoring**	Hole ID
Project No.	F15285		BH601
Engineer	White, Young & Green.		Fig no.
Client	Vinci Plc.		01

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		S.P.		
Depth to base of installation	mbgl	2.16		
Distance to monitoring point from datum	mbgl		Monitoring Point ID	

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	1	2	3	4	5	6	7	8	9
Well volume			0.5	0.5	0.37	0.39	0.39		NR	0.39	0.69
Date	dd/mm/yyyy	N/A	23/06/2008	26/06/2008	03/07/2008	10/07/2008	17/07/2008	24/07/2008	31/07/2008	07/08/2008	14/08/2008
Time of initial reading	hh:mm	N/A	13:50	13:47	10:15	NR	08:50	NR	08:20	13:08	08:40
Water Level	m	0.01	1.94	1.95	1.97	1.95	1.95	2.03	1.96	1.95	1.81
LNAPL	m	0.01	NR	NR	NR	NR	NR		NR	NR	NR
DNAPL	m	0.01	NR	NR	NR	NR	NR		NR	NR	NR
pH	pH units	0.01	6.98	6.48	6.82	7.46	7.16		6.98	8.10	8.20
Temperature	°C	0.01	13.40	12.80	12.90	16.30	13.40		14.00	14.15	14.54
Conductivity	µS/cm	0.01	340.00	1007.00	336.00	800.00	324.00		329.00	485.00	469.00
Dissolved Oxygen	%	0.01	8.60	41.60	41.30	3.30	NR		38.90	13.20	10.90
ORP	mV	1	NR	NR	NR	NR	NR		NR	NR	NR
Turbidity	ftu	0.01	NR	NR	NR	NR	NR		NR	NR	NR
Volume of water purged	litres	0.01	2.50	3.00	2.00	1.90	2.00		NR	2.00	4.00

Weather Conditions: Mainly overcast.

Equipment Used (list): HANNA

Equipment Last Calibrated (respective to list above):

Comments

Monitored By: SD		
Date: AS ABOVE		

NORWEST HOLST SOIL ENGINEERING

Project Name	Durham Road, Newport.	**Record Of In-Situ Water Monitoring**	Hole ID
Project No.	F15285		BH601
Engineer	White, Young & Green.		Fig no.
Client	Vinci Plc.		02

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP		
Depth to base of installation	mbgl	2.16		
Distance to monitoring point from datum	mbgl		Monitoring Point ID	

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	10	11	12	13	14	15	16	17	18
Well volume			0.9	0.81	1.23		0.82	0.81	0.73	0.7	0.65
Date	dd/mm/yyyy	N/A	21/08/2008	28/08/2008	04/09/2008	10/09/2008	18/09/2008	25/09/1900	02/10/2008	09/10/2008	16/10/2008
Time of initial reading	hh:mm	N/A	14:20	NR	13:20		15:40	15:15	13:49	15:15	15:05
Water Level	m	0.01	1.70	1.75	1.57		1.68	1.75	1.79	1.80	1.83
LNAPL	m	0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
DNAPL	m	0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
pH	pH units	0.01	7.85	7.80	8.00		8.20	7.57	NR	8.04	7.80
Temperature	°C	0.01	16.14	15.60	15.53		15.73	15.07	NR	14.49	14.03
Conductivity	µS/cm	0.01	584.00	581.00	521.00		552.00	618.00	NR	691.00	706.00
Dissolved Oxygen	%	0.01	4.50	0.72	6.70		0.00	13.00	NR	0.00	0.00
ORP	mV	1	NR	NR	NR		NR	NR	NR	NR	NR
Turbidity	ftu	0.01	NR	NR	NR		NR	NR	NR	NR	NR
Volume of water purged	litres	0.01	4.50	4.00	6.00		4.00	1.00	3.50	3.50	0.65

Weather Conditions:

Equipment Used (list): HANNA

Equipment Last Calibrated (respective to list above):

Comments

Installation depth changed to 2.71m.b.g.l. as of 16/10/08 due to debris at base of standpipe.

Round 15 only 1 litre purged due to lack of time as courier was early.

Monitored By: S Davies		
Date:		

NORWEST HOLST SOIL ENGINEERING

Project Name	Durham Road, Newport.	**Record Of In-Situ Water Monitoring**	Hole ID
Project No.	F15285		BH601
Engineer	White, Young & Green.		Fig no.
Client	Vinci Plc.		02

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP		
Depth to base of installation	mbgl	2.16		
Distance to monitoring point from datum	mbgl		Monitoring Point ID	

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	19	20	21	22	23	24	25	26	27
Well volume			0.59	0.49	0.49						
Date	dd/mm/yyyy	N/A	23/10/2008	30/10/2008	06/11/2008						
Time of initial reading	hh:mm	N/A	10:13	10:44	17:00						
Water Level	m	0.01	1.86	1.79	1.80						
LNAPL	m	0.01	<0.01	<0.01	<0.01						
DNAPL	m	0.01	<0.01	<0.01	<0.01						
pH	pH units	0.01	7.19	4.78	4.57						
Temperature	°C	0.01	14.07	11.80	12.10						
Conductivity	µS/cm	0.01	708.00	329.00	329.00						
Dissolved Oxygen	%	0.01	5.00	31.10	NR						
ORP	mV	1	NR	NR	NR						
Turbidity	ftu	0.01	NR	NR	NR						
Volume of water purged	litres	0.01	3.00	2.50	0.50						

Weather Conditions:

Equipment Used (list): HANNA(HI9145-Dissolved Oxygen, HI9835-Conductivity & HI991003-Temp ,PH).

Equipment Last Calibrated (respective to list above):

Comments

Round 21-No Sample due to no time. Purged post courier left so due to no daylight and safety reasons only 0.50m purged.

Monitored By: S Davies		
Date:		

NORWEST HOLST SOIL ENGINEERING

Project Name Durham Road, Newport. Project No. F15285 Engineer White, Young & Green. Client Vinci Plc.	**Record Of In-Situ Water Monitoring**	Hole ID BH602 Fig no. 01

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP	
Depth to base of installation	mbgl	2.81	
Distance to monitoring point from datum	mbgl		Monitoring Point ID

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	1	2	3	4	5	6	7	8	9
Well volume			1.4	1.3	1.4	1.3	1.4		NR	1.4	1.57
Date	dd/mm/yyyy	N/A	23/06/2008	26/06/2008	03/07/2008	10/07/2008	17/07/2008	24/07/2008	31/07/2008	07/08/2008	14/08/2008
Time of initial reading	hh:mm	N/A	14:13	13:30	10:40	NR	10:00	NR	08:50	12:50	09:00
Water Level	m	0.01	2.10	2.12	2.15	2.13	2.11	2.20	2.12	2.10	2.01
LNAPL	m	0.01	NR	NR	NR	NR	NR		NR	NR	NR
DNAPL	m	0.01	NR	NR	NR	NR	NR		NR	NR	NR
pH	pH units	0.01	6.57	6.15	6.53	7.06	6.55		6.48	8.10	8.00
Temperature	°C	0.01	12.70	12.90	12.90	13.46	13.00		13.40	14.00	13.90
Conductivity	µS/cm	0.01	348.00	405.00	386.00	906.00	365.00		382.00	537.00	530.00
Dissolved Oxygen	%	0.01	4.10	22.20	18.20	2.37	NR		26.60	2.00	0.80
ORP	mV	1	NR	NR	NR	NR	NR		NR	NR	NR
Turbidity	ftu	0.01	NR	NR	NR	NR	NR		NR	NR	NR
Volume of water purged	litres	0.01	7.00	4.00	7.00	6.50	7.00		NR	7.00	8.00

Weather Conditions:

Equipment Used (list): HANNA

Equipment Last Calibrated (respective to list above):

Comments

Monitored By:		
Date:		

Form No. SI GWM Revision No. 2.03 Issue Date 24/04/2008

NORWEST HOLST SOIL ENGINEERING

Project Name	Durham Road, Newport.	**Record Of In-Situ Water Monitoring**	Hole ID
Project No.	F15285		BH602
Engineer	White, Young & Green.		Fig no.
Client	Vinci Plc.		02

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP		
Depth to base of installation	mbgl	2.81		
Distance to monitoring point from datum	mbgl		Monitoring Point ID	

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	10	11	12	13	14	15	16	17	18
Well volume			1.7	1.71	1.87		1.65	1.51	1.51	1.51	1.46
Date	dd/mm/yyyy	N/A	21/08/2008	28/08/2008	04/09/2008	10/09/2008	18/09/2008	25/09/1900	02/10/2008	09/10/2008	16/10/2008
Time of initial reading	hh:mm	N/A	14:00	NR	13:50		15:20	15:00	13:32	15:38	14:58
Water Level	m	0.01	1.95	1.94	1.86		1.97	2.04	2.04	2.04	2.07
LNAPL	m	0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
DNAPL	m	0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
pH	pH units	0.01	7.70	7.29	6.86		7.44	7.95	7.88	8.42	7.75
Temperature	°C	0.01	15.17	15.30	14.91		14.79	14.78	14.56	14.35	13.99
Conductivity	µS/cm	0.01	731.00	799.00	680.00		801.00	841.00	827.00	908.00	813.00
Dissolved Oxygen	%	0.01	1.80	0.62	0.00		0.50	3.00	3.00	0.00	0.00
ORP	mV	1	NR	NR	NR		NR	NR	NR	NR	NR
Turbidity	ftu	0.01	NR	NR	NR		NR	NR	NR	NR	NR
Volume of water purged	litres	0.01	8.50	8.50	9.00		8.00	8.00	8.00	8.00	7.00

Weather Conditions:

Equipment Used (list): HANNA

Equipment Last Calibrated (respective to list above):

Comments

Installation depth changed to 2.71m.b.g.l. as of 16/10/08 due to debris at base of standpipe.

Round 15 only 1 litre purged due to lack of time as courier was early.

Monitored By: S Davies			NORWEST HOLST SOIL ENGINEERING
Date:			
Form No. SI GWM	Revision No. 2.03	Issue Date 24/04/2008	

Project Name Durham Road, Newport. Project No. F15285 Engineer White, Young & Green. Client Vinci Plc.	**Record Of In-Situ Water Monitoring**	Hole ID BH602 Fig no. 02

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP	
Depth to base of installation	mbgl	2.71	
Distance to monitoring point from datum	mbgl		Monitoring Point ID

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	19	20	21	22	23	24	25	26	27
Well volume			1.24	1.4	1.3						
Date	dd/mm/yyyy	N/A	23/10/2008	30/10/2008	06/11/2008						
Time of initial reading	hh:mm	N/A	10:30	11:10	14:47						
Water Level	m	0.01	2.08	2.00	2.05						
LNAPL	m	0.01	<0.01	<0.01	<0.01						
DNAPL	m	0.01	<0.01	<0.01	<0.01						
pH	pH units	0.01	7.62	4.63	0.39						
Temperature	°C	0.01	14.16	11.40	13.10						
Conductivity	µS/cm	0.01	825.00	345.00	350.00						
Dissolved Oxygen	%	0.01	0.00	23.70	NR						
ORP	mV	1	NR	NR	NR						
Turbidity	ftu	0.01	NR	NR	NR						
Volume of water purged	litres	0.01	6.00	7.00	6.50						

Weather Conditions:

Equipment Used (list): HANNA(HI9145-Dissolved Oxygen, HI9835-Conductivity & HI991003-Temp ,PH).

Equipment Last Calibrated (respective to list above):

Comments

Monitored By: S Davies			NORWEST HOLST SOIL ENGINEERING
Date:			
Form No. SI GWM	Revision No. 2.03	Issue Date 24/04/2008	

Project Name	Durham Road, Newport.	**Record Of In-Situ Water Monitoring**	Hole ID
Project No.	F15285		BH603
Engineer	White, Young & Green.		Fig no.
Client	Vinci Plc.		01

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP		
Depth to base of installation	mbgl	3.48		
Distance to monitoring point from datum	mbgl		Monitoring Point ID	

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	1	2	3	4	5	6	7	8	9
Well volume			2.56	2.5	2.5	2.5	2.5	NR	NR	2.5	1.4
Date	dd/mm/yyyy	N/A	23/06/2008	26/06/2008	03/07/2008	10/07/2008	17/07/2008	24/07/2008	31/07/2008	07/08/2008	14/08/2008
Time of initial reading	hh:mm	N/A	14:40	12:50	11:10	NR	10:20	NR	09:30	12:30	09:25
Water Level	m	0.01	2.18	2.20	2.22	2.20	2.20	2.21	2.22	2.20	2.08
LNAPL	m	0.01	NR	NR	NR	NR	NR	NR	NR	NR	NR
DNAPL	m	0.01	NR	NR	NR	NR	NR	NR	NR	NR	NR
pH	pH units	0.01	6.42	6.50	6.29	1.21	6.48	7.26	3.38	9.14	8.05
Temperature	°C	0.01	13.40	13.60	14.20	14.32	14.00	13.29	14.30	14.20	14.95
Conductivity	µS/cm	0.01	314.00	403.00	369.00	894.00	359.00	172.00	367.00	504.00	485.00
Dissolved Oxygen	%	0.01	17.50	46.10	40.60	2.34	NR	12.10	NR	7.60	1.60
ORP	mV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR
Turbidity	ftu	0.01	NR	NR	NR	NR	NR	NR	NR	NR	NR
Volume of water purged	litres	0.01	12.50	8.50	12.50	12.50	12.50	NR	NR	12.50	7.00

Weather Conditions:

Equipment Used (list): HANNA

Equipment Last Calibrated (respective to list above):

Comments

Monitored By: SD		
Date: AS ABOVE		

NORWEST HOLST SOIL ENGINEERING

Project Name	Durham Road, Newport.	**Record Of In-Situ Water Monitoring**	Hole ID
Project No.	F15285		BH603
Engineer	White, Young & Green.		Fig no.
Client	Vinci Plc.		02

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP		
Depth to base of installation	mbgl	3.48		
Distance to monitoring point from datum	mbgl		Monitoring Point ID	

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	10	11	12	13	14	15	16	17	18
Well volume			2.91	2.85	3.09		3.1	2.3	1.83	1.61	1.95
Date	dd/mm/yyyy	N/A	21/08/2008	28/08/2008	04/09/2008	10/09/2008	18/09/2008	25/09/2008	02/10/2008	09/10/2008	16/10/2008
Time of initial reading	hh:mm	N/A	13:35	NR	15:00		15:00	14:30	13:17	12:20	14:50
Water Level	m	0.01	2.00	2.03	1.91		1.92	2.31	2.55	2.66	2.49
LNAPL	m	0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
DNAPL	m	0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
pH	pH units	0.01	7.96	6.94	7.67		8.05	7.95	NR	7.84	7.47
Temperature	°C	0.01	15.40	13.80	14.63		14.35	15.43	NR	14.19	14.24
Conductivity	µS/cm	0.01	411.00	829.00	369.00		690.00	741.00	NR	747.00	815.00
Dissolved Oxygen	%	0.01	11.30	0.14	22.10		27.70	20.30	NR	13.40	20.70
ORP	mV	1	NR	NR	NR		NR	NR	NR	NR	NR
Turbidity	ftu	0.01	NR	NR	NR		NR	NR	NR	NR	NR
Volume of water purged	litres	0.01	14.00	14.00	15.50		15.50	11.50	9.00	8.00	2.00

Weather Conditions:

Equipment Used (list): HANNA

Equipment Last Calibrated (respective to list above):

Comments

Monitored By:		
Date:		

Form No. SI GWM Revision No. 2.03 Issue Date 24/04/2008

NORWEST HOLST SOIL ENGINEERING

Project Name	Durham Road, Newport.	**Record Of In-Situ Water Monitoring**	Hole ID
Project No.	F15285		BH603
Engineer	White, Young & Green.		Fig no.
Client	Vinci Plc.		02

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP		
Depth to base of installation	mbgl	3.48		
Distance to monitoring point from datum	mbgl		Monitoring Point ID	

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	19	20	21	22	23	24	25	26	27
Well volume			1.46	1.65	1.64						
Date	dd/mm/yyyy	N/A	23/10/2008	30/10/2008	06/11/2008						
Time of initial reading	hh:mm	N/A	10:40	11:31	14:38						
Water Level	m	0.01	2.74	2.64	2.66						
LNAPL	m	0.01	<0.01	<0.01	<0.01						
DNAPL	m	0.01	<0.01	<0.01	<0.01						
pH	pH units	0.01	8.35	5.55	NR						
Temperature	°C	0.01	13.74	12.90	NR						
Conductivity	µS/cm	0.01	1392.00	342.00	NR						
Dissolved Oxygen	%	0.01	5.80	NR	NR						
ORP	mV	1	NR	NR	NR						
Turbidity	ftu	0.01	NR	NR	NR						
Volume of water purged	litres	0.01	6.00	7.00	6.50						

Weather Conditions:

Equipment Used (list): HANNA(HI9145-Dissolved Oxygen, HI9835-Conductivity & HI991003-Temp ,PH).

Equipment Last Calibrated (respective to list above):

Comments

Round 21 - Did not recharge in time (before courier). Left for longer on round 20.

Monitored By: S Davies		
Date:		

NORWEST HOLST SOIL ENGINEERING

Project Name	Durham Road, Newport.	**Record Of In-Situ Water Monitoring**	Hole ID
Project No.	F15285		BH604
Engineer	White, Young & Green.		Fig no.
Client	Vinci Plc.		01

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP		
Depth to base of installation	mbgl	3.30		
Distance to monitoring point from datum	mbgl		Monitoring Point ID	

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	1	2	3	4	5	6	7	8	9
Well volume			2.37	2.34	2.28	2.37	2.36	NR	NR	2.3	2.6
Date	dd/mm/yyyy	N/A	23/06/2008	26/06/2008	03/07/2008	10/07/2008	17/07/2008	24/07/2008	31/07/2008	07/08/2008	14/08/2008
Time of initial reading	hh:mm	N/A	14:55	09:09	12:00	NR	10:38	NR	12:05	11:05	09:55
Water Level	m	0.01	2.09	2.11	2.14	2.09	2.10	2.83	2.15	2.10	1.98
LNAPL	m	0.01	NR	NR	NR	NR	NR		NR	NR	NR
DNAPL	m	0.01	NR	NR	NR	NR	NR		NR	NR	NR
pH	pH units	0.01	6.41	6.34	6.53	7.43	6.93		6.65	7.51	8.14
Temperature	°C	0.01	12.50	12.90	12.50	13.42	12.90		14.50	13.18	13.70
Conductivity	µS/cm	0.01	342.00	500.00	501.00	989.00	504.00		484.00	650.00	563.00
Dissolved Oxygen	%	0.01	34.20	53.00	34.90	1.56	NR		NR	25.00	18.60
ORP	mV	1	NR	NR	NR	NR	NR		NR	NR	NR
Turbidity	ftu	0.01	NR	NR	NR	NR	NR		NR	NR	NR
Volume of water purged	litres	0.01	2.50	2.50	2.50	2.50	4.00		NR	2.30	13.00

Weather Conditions:

Equipment Used (list): HANNA

Equipment Last Calibrated (respective to list above):

Comments

Monitored By: SD		
Date: AS ABOVE		

NORWEST HOLST SOIL ENGINEERING

Project Name	Durham Road, Newport.	**Record Of In-Situ Water Monitoring**	Hole ID
Project No.	F15285		BH604
Engineer	White, Young & Green.		Fig no.
Client	Vinci Plc.		02

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP		
Depth to base of installation	mbgl	3.30		
Distance to monitoring point from datum	mbgl		Monitoring Point ID	

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	10	11	12	13	14	15	16	17	18
Well volume			2.75	2.71	2.89		3.13	2.56	2.3	2.3	2.22
Date	dd/mm/yyyy	N/A	21/08/2008	28/08/2008	04/09/2008	10/09/2008	18/09/2008	25/09/2008	02/10/2008	09/10/2008	16/10/2008
Time of initial reading	hh:mm	N/A	11:04	NR	09:50		13:30	13:05	12:20	12:20	14:05
Water Level	m	0.01	1.90	1.92	1.83		1.71	2.00	2.13	2.13	2.17
LNAPL	m	0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
DNAPL	m	0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
pH	pH units	0.01	7.90	6.94	7.67		8.05	7.95	NR	7.84	7.47
Temperature	°C	0.01	14.30	13.80	14.63		14.35	15.43	NR	14.19	14.24
Conductivity	µS/cm	0.01	685.00	829.00	369.00		690.00	741.00	NR	747.00	815.00
Dissolved Oxygen	%	0.01	21.50	0.14	22.10		27.70	20.30	NR	13.40	20.70
ORP	mV	1	NR	NR	NR		NR	NR	NR	NR	NR
Turbidity	ftu	0.01	NR	NR	NR		NR	NR	NR	NR	NR
Volume of water purged	litres	0.01	14.00	13.50	14.50		15.50	13.00	2.30	2.30	2.00

Weather Conditions:

Equipment Used (list): HANNA

Equipment Last Calibrated (respective to list above):

Comments

Monitored By:		
Date:		

Form No. SI GWM Revision No. 2.03 Issue Date 24/04/2008

NORWEST HOLST SOIL ENGINEERING

Project Name Durham Road, Newport. Project No. F15285 Engineer White, Young & Green. Client Vinci Plc.	**Record Of In-Situ Water Monitoring**	Hole ID BH604 Fig no. 02

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP	
Depth to base of installation	mbgl	3.30	
Distance to monitoring point from datum	mbgl		Monitoring Point ID

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	19	20	21	22	23	24	25	26	27
Well volume			2.22	1.89	2.16						
Date	dd/mm/yyyy	N/A	23/10/2008	30/10/2008	06/11/2008						
Time of initial reading	hh:mm	N/A	10:52	12:33	11:15						
Water Level	m	0.01	2.34	2.15	2.20						
LNAPL	m	0.01	<0.01	<0.01	<0.01						
DNAPL	m	0.01	<0.01	<0.01	<0.01						
pH	pH units	0.01	7.89	6.44	2.43						
Temperature	°C	0.01	14.21	12.60	13.00						
Conductivity	µS/cm	0.01	821.00	385.00	383.00						
Dissolved Oxygen	%	0.01	5.10	NR	NR						
ORP	mV	1	NR	NR	NR						
Turbidity	ftu	0.01	NR	NR	NR						
Volume of water purged	litres	0.01	1.89	2.26	2.16						

Weather Conditions:

Equipment Used (list): HANNA(HI9145-Dissolved Oxygen, HI9835-Conductivity & HI991003-Temp ,PH).

Equipment Last Calibrated (respective to list above):

Comments

Monitored By: S Davies			NORWEST HOLST SOIL ENGINEERING
Date:			

Project Name Durham Road, Newport. Project No. F15285 Engineer White, Young & Green. Client Vinci Plc.	**Record Of In-Situ Water Monitoring**	Hole ID BH604 A Fig no. 01

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP	
Depth to base of installation	mbgl	13.61	
Distance to monitoring point from datum	mbgl		Monitoring Point ID

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	1	2	3	4	5	6	7	8	9
Well volume			11.48	11.56	11.9	12.3	12	NR	NR	13.5	13.2
Date	dd/mm/yyyy	N/A	23/06/2008	26/06/2008	03/07/2008	10/07/2008	17/07/2008	24/07/2008	31/07/2008	07/08/2008	14/08/2008
Time of initial reading	hh:mm	N/A	15:05	09:18	11:50	NR	10:40	NR	12:35	11:00	10:30
Water Level	m	0.01	7.77	7.73	7.53	7.41	7.48	7.54	6.91	6.73	6.90
LNAPL	m	0.01	NR	NR	NR	NR	NR	NR	NR	NR	NR
DNAPL	m	0.01	NR	NR	NR	NR	NR	NR	NR	NR	NR
pH	pH units	0.01	6.57	6.64	6.92	7.95	7.15	8.39	6.68	8.30	8.50
Temperature	°C	0.01	13.00	13.10	14.30	14.57	13.00	13.71	14.90	12.70	12.64
Conductivity	µS/cm	0.01	1425.00	1347.00	1516.00	4529.00	965.00	1926.00	1446.00	1768.00	2349.00
Dissolved Oxygen	%	0.01	9.00	14.40	15.00	0.90	NR	3.20	NR	0.00	0.00
ORP	mV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR
Turbidity	ftu	0.01	NR	NR	NR	NR	NR	NR	NR	NR	NR
Volume of water purged	litres	0.01	57.50	58.00	60.00	61.50	60.00	NR	NR	67.50	66.00

Weather Conditions:

Equipment Used (list): HANNA

Equipment Last Calibrated (respective to list above):

Comments

Monitored By: SD		
Date: AS ABOVE		

NORWEST HOLST SOIL ENGINEERING

Project Name Durham Road, Newport. Project No. F15285 Engineer White, Young & Green. Client Vinci Plc.	**Record Of In-Situ Water Monitoring**	Hole ID BH606A Fig no. 02

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP	
Depth to base of installation	mbgl	13.04	
Distance to monitoring point from datum	mbgl		Monitoring Point ID

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	10	11	12	13	14	15	16	17	18
Well volume			16.2	16.17	16.7		16.8	16.48	16.8	16.29	16.48
Date	dd/mm/yyyy	N/A	21/08/2008	28/08/2008	04/09/2008	10/09/2008	18/09/2008	25/09/2008	02/10/2008	09/10/2008	16/10/2008
Time of initial reading	hh:mm	N/A	09:15	NR	12:00		13:10	11:05	10:55	11:20	13:30
Water Level	m	0.01	4.80	4.82	4.55		4.54	4.66	4.50	4.76	4.66
LNAPL	m	0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
DNAPL	m	0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
pH	pH units	0.01	7.90	7.15	9.94		8.00	7.36	7.97	8.40	7.86
Temperature	°C	0.01	12.80	13.00	13.11		12.86	12.83	12.82	12.88	12.83
Conductivity	µS/cm	0.01	796.00	926.00	757.00		1772.00	1216.00	960.00	1061.00	1161.00
Dissolved Oxygen	%	0.01	0.00	0.43	0.00		0.00	0.00	0.00	0.00	0.00
ORP	mV	1	NR	NR	NR		NR	NR	NR	NR	NR
Turbidity	ftu	0.01	NR	NR	NR		NR	NR	NR	NR	NR
Volume of water purged	litres	0.01	81.00	81.00	84.00		84.00	83.00	84.00	81.00	1.70

Weather Conditions:

Equipment Used (list): HANNA

Equipment Last Calibrated (respective to list above):

Comments

Monitored By: S Davies			NORWEST HOLST SOIL ENGINEERING
Date:			
Form No. SI GWM	Revision No. 2.03	Issue Date 24/04/2008	

Project Name Durham Road, Newport. Project No. F15285 Engineer White, Young & Green. Client Vinci Plc.	**Record Of In-Situ Water Monitoring**	Hole ID BH604A Fig no. 02

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP	
Depth to base of installation	mbgl	13.61	
Distance to monitoring point from datum	mbgl		Monitoring Point ID

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	19	20	21	22	23	24	25	26	27
Well volume			12.51	12.94	12.55						
Date	dd/mm/yyyy	N/A	23/10/2008	30/10/2008	06/11/2008						
Time of initial reading	hh:mm	N/A	10:58	12:43	11:30						
Water Level	m	0.01	7.25	7.03	7.23						
LNAPL	m	0.01	<0.01	<0.01	<0.01						
DNAPL	m	0.01	<0.01	<0.01	<0.01						
pH	pH units	0.01	7.83	6.50	5.12						
Temperature	°C	0.01	12.83	12.30	12.50						
Conductivity	µS/cm	0.01	987.00	920.00	645.00						
Dissolved Oxygen	%	0.01	0.00	NR	NR						
ORP	mV	1	NR	NR	NR						
Turbidity	ftu	0.01	NR	NR	NR						
Volume of water purged	litres	0.01	63.00	65.00	63.00						

Weather Conditions:

Equipment Used (list): HANNA(HI9145-Dissolved Oxygen, HI9835-Conductivity & HI991003-Temp ,PH).

Equipment Last Calibrated (respective to list above):

Comments

Monitored By: S Davies			NORWEST HOLST SOIL ENGINEERING
Date:			
Form No. SI GWM	Revision No. 2.03	Issue Date 24/04/2008	

Project Name	Durham Road, Newport.	**Record Of In-Situ Water Monitoring**	Hole ID
Project No.	F15285		BH605
Engineer	White, Young & Green.		Fig no.
Client	Vinci Plc.		01

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP		
Depth to base of installation	mbgl	3.55		
Distance to monitoring point from datum	mbgl		Monitoring Point ID	

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	1	2	3	4	5	6	7	8	9
Well volume			NR	NR	0.51	0.33	2.95	NR	NR	2.7	3.15
Date	dd/mm/yyyy	N/A	23/06/2008	26/06/2008	03/07/2008	10/07/2008	17/07/2008	24/07/2008	31/07/2008	07/08/2008	14/08/2008
Time of initial reading	hh:mm	N/A	16:42	08:56	08:45	NR	11:10	NR	13:40	15:13	11:20
Water Level	m	0.01	DRY	3.50	3.29	1.88	2.05	3.48	2.81	2.18	1.95
LNAPL	m	0.01	NR	NR	NR	NR	NR	NR	NR	NR	NR
DNAPL	m	0.01	NR	NR	NR	NR	NR	NR	NR	NR	NR
pH	pH units	0.01				7.16	6.89				
Temperature	°C	0.01				14.22	13.20				
Conductivity	µS/cm	0.01				1500.00	460.00				
Dissolved Oxygen	%	0.01				0.00	NR				
ORP	mV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR
Turbidity	ftu	0.01	NR	NR	NR	NR	NR	NR	NR	NR	NR
Volume of water purged	litres	0.01	0.00	0.00	0.50	4.50	2.00	0.00	NR	2.00	4.00

Weather Conditions:

Equipment Used (list): HANNA

Equipment Last Calibrated (respective to list above):

Comments

Monitored By: SD			NORWEST HOLST SOIL ENGINEERING
Date: AS ABOVE			
Form No. SI GWM	Revision No. 2.03	Issue Date 24/04/2008	

Project Name	Durham Road, Newport.	**Record Of In-Situ Water Monitoring**	Hole ID
Project No.	F15285		BH605
Engineer	White, Young & Green.		Fig no.
Client	Vinci Plc.		02

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP			
Depth to base of installation	mbgl	3.55			
Distance to monitoring point from datum	mbgl		Monitoring Point ID		

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	10	11	12	13	14	15	16	17	18
Well volume			2.9	2.26	3.46		3.09	2.85	2.66	2.97	2.66
Date	dd/mm/yyyy	N/A	21/08/2008	28/08/2008	04/09/2008	10/09/2008	18/09/2008	25/09/2008	02/10/2008	09/10/2008	16/10/2008
Time of initial reading	hh:mm	N/A	12:30	NR	13:00		15:44	12:45	11:46	12:10	18:15
Water Level	m	0.01	2.08	2.40	1.79		1.98	2.09	2.20	2.04	2.20
LNAPL	m	0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
DNAPL	m	0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
pH	pH units	0.01	NR	7.47	NR		NR	NR	NR	8.67	8.48
Temperature	°C	0.01	NR	13.80	NR		NR	NR	NR	13.92	13.76
Conductivity	µS/cm	0.01	NR	937.00	NR		NR	NR	NR	585.00	587.00
Dissolved Oxygen	%	0.01	NR	0.26	NR		NR	NR	NR	17.80	0.00
ORP	mV	1	NR	NR	NR		NR	NR	NR	NR	NR
Turbidity	ftu	0.01	NR	NR	NR		NR	NR	NR	NR	NR
Volume of water purged	litres	0.01	2.90	2.30	3.50		3.00	2.80	2.60	3.00	2.60

Weather Conditions:

Equipment Used (list): HANNA

Equipment Last Calibrated (respective to list above):

Comments

Monitored By: S Davies			
Date:			

NORWEST HOLST SOIL ENGINEERING

Project Name Durham Road, Newport. Project No. F15285 Engineer White, Young & Green. Client Vinci Plc.	**Record Of In-Situ Water Monitoring**	Hole ID BH605 Fig no. 02

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP		
Depth to base of installation	mbgl	3.55		
Distance to monitoring point from datum	mbgl		Monitoring Point ID	

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	19	20	21	22	23	24	25	26	27
Well volume			2.64	3.44	2.93						
Date	dd/mm/yyyy	N/A	23/10/2008	30/10/2008	06/11/2008						
Time of initial reading	hh:mm	N/A	11:10	09:20	15:30						
Water Level	m	0.01	2.21	1.80	2.06						
LNAPL	m	0.01	<0.01	<0.01	<0.01						
DNAPL	m	0.01	<0.01	<0.01	<0.01						
pH	pH units	0.01	7.83	NR	NR						
Temperature	°C	0.01	13.41	NR	NR						
Conductivity	µS/cm	0.01	198.00	NR	NR						
Dissolved Oxygen	%	0.01	59.40	NR	NR						
ORP	mV	1	NR	NR	NR						
Turbidity	ftu	0.01	NR	NR	NR						
Volume of water purged	litres	0.01	2.64	3.44	2.93						

Weather Conditions:

Equipment Used (list): HANNA(HI9145-Dissolved Oxygen, HI9835-Conductivity & HI991003-Temp ,PH).

Equipment Last Calibrated (respective to list above):

Comments

Monitored By: S Davies			NORWEST HOLST SOIL ENGINEERING
Date:			
Form No. SI GWM	Revision No. 2.03	Issue Date 24/04/2008	

Project Name	Durham Road, Newport.	**Record Of In-Situ Water Monitoring**	Hole ID
Project No.	F15285		BH606
Engineer	White, Young & Green.		Fig no.
Client	Vinci Plc.		01

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP		
Depth to base of installation	mbgl	2.80		
Distance to monitoring point from datum	mbgl		Monitoring Point ID	

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	1	2	3	4	5	6	7	8	9
Well volume			0.19	0.25	0.17	2.15	2.12			2	2.6
Date	dd/mm/yyyy	N/A	23/06/2008	26/06/2008	03/07/2008	10/07/2008	17/07/2008	24/07/2008	31/07/2008	07/08/2008	14/08/2008
Time of initial reading	hh:mm	N/A	17:00	08:49	09:00	NR	12:15	NR	14:35	10:25	12:15
Water Level	m	0.01	2.70	2.67	2.71	1.68	1.72	2.80	NR	1.78	1.48
LNAPL	m	0.01	NR	NR	NR	NR	NR	NR	NR	NR	NR
DNAPL	m	0.01	NR	NR	NR	NR	NR	NR	NR	NR	NR
pH	pH units	0.01				7.83					8.32
Temperature	°C	0.01				13.95					15.85
Conductivity	µS/cm	0.01				4382.00					352.00
Dissolved Oxygen	%	0.01				1.50					24.00
ORP	mV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR
Turbidity	ftu	0.01	NR	NR	NR	NR	NR	NR	NR	NR	NR
Volume of water purged	litres	0.01	0.00	0.00	0.00	2.00	2.00	0.00	NR	2.00	13.00

Weather Conditions:

Equipment Used (list): HANNA

Equipment Last Calibrated (respective to list above):

Comments

Monitored By:		
Date:		

Form No. SI GWM Revision No. 2.03 Issue Date 24/04/2008

NORWEST HOLST SOIL ENGINEERING

Project Name	Durham Road, Newport.	**Record Of In-Situ Water Monitoring**	Hole ID
Project No.	F15285		BH606
Engineer	White, Young & Green.		Fig no.
Client	Vinci Plc.		02

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP		
Depth to base of installation	mbgl	2.80		
Distance to monitoring point from datum	mbgl		Monitoring Point ID	

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	10	11	12	13	14	15	16	17	18
Well volume			2.7	2.6	2.87		2.96	2.56	1.73	1.87	1.71
Date	dd/mm/yyyy	N/A	21/08/2008	28/08/2008	04/09/2008	10/09/2008	18/09/2008	25/09/2008	02/10/2008	09/10/2008	16/10/2008
Time of initial reading	hh:mm	N/A	10:20	NR	12:20		13:00	11:00	11:00	11:10	13:20
Water Level	m	0.01	1.43	1.48	1.34		1.25	1.50	1.92	1.85	1.93
LNAPL	m	0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
DNAPL	m	0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
pH	pH units	0.01	7.65	7.11	8.95		7.71	7.26	NR	8.49	7.80
Temperature	°C	0.01	16.00	15.10	14.41		15.01	14.91	NR	14.42	14.13
Conductivity	µS/cm	0.01	443.00	708.00	206.00		703.00	723.00	NR	531.00	634.00
Dissolved Oxygen	%	0.01	20.00	1.71	32.20		2.80	9.90	NR	15.00	21.00
ORP	mV	1	NR	NR	NR		NR	NR	NR	NR	NR
Turbidity	ftu	0.01	NR	NR	NR		NR	NR	NR	NR	NR
Volume of water purged	litres	0.01	14.00	13.00	14.00		15.00	13.00	9.00	1.80	1.70

Weather Conditions:

Equipment Used (list): HANNA

Equipment Last Calibrated (respective to list above):

Comments

Monitored By: S Davies			
Date:			

NORWEST HOLST SOIL ENGINEERING

Project Name	Durham Road, Newport.	**Record Of In-Situ Water Monitoring**	Hole ID
Project No.	F15285		BH606
Engineer	White, Young & Green.		Fig no.
Client	Vinci Plc.		02

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP		
Depth to base of installation	mbgl	2.80		
Distance to monitoring point from datum	mbgl		Monitoring Point ID	

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	19	20	21	22	23	24	25	26	27
Well volume			1.69	2.22	1.75						
Date	dd/mm/yyyy	N/A	23/10/2008	30/10/2008	06/11/2008						
Time of initial reading	hh:mm	N/A	11:05	12:20	10:30						
Water Level	m	0.01	1.94	1.67	1.91						
LNAPL	m	0.01	<0.01	<0.01	<0.01						
DNAPL	m	0.01	<0.01	<0.01	<0.01						
pH	pH units	0.01	7.64	6.79	5.05						
Temperature	°C	0.01	14.13	10.80	11.10						
Conductivity	µS/cm	0.01	228.00	216.30	293.90						
Dissolved Oxygen	%	0.01	26.80	53.90	NR						
ORP	mV	1	NR	NR	NR						
Turbidity	ftu	0.01	NR	NR	NR						
Volume of water purged	litres	0.01	1.70	2.22	1.91						

Weather Conditions:

Equipment Used (list): HANNA(HI9145-Dissolved Oxygen, HI9835-Conductivity & HI991003-Temp ,PH).

Equipment Last Calibrated (respective to list above):

Comments

Monitored By: S Davies			NORWEST HOLST SOIL ENGINEERING
Date:			
Form No. SI GWM	Revision No. 2.03	Issue Date 24/04/2008	

Project Name	Durham Road, Newport.	**Record Of In-Situ Water Monitoring**	Hole ID
Project No.	F15285		BH606 A
Engineer	White, Young & Green.		Fig no.
Client	Vinci Plc.		01

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP		
Depth to base of installation	mbgl	13.04		
Distance to monitoring point from datum	mbgl		Monitoring Point ID	

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	1	2	3	4	5	6	7	8	9
Well volume			15.65	15.47	15.5	13.65	15.4	NR	NR	15.8	16.03
Date	dd/mm/yyyy	N/A	23/06/2008	26/06/2008	03/07/2008	10/07/2008	17/07/2008	24/07/2008	31/07/2008	07/08/2008	14/08/2008
Time of initial reading	hh:mm	N/A	16:33	07:49	14:35	NR	12:16	NR	14:50	09:30	12:25
Water Level	m	0.01	5.08	5.17	5.15	5.10	5.16	5.18	5.12	5.00	4.89
LNAPL	m	0.01	NR	NR	NR	NR	NR	NR	NR	NR	NR
DNAPL	m	0.01	NR	NR	NR	NR	NR	NR	NR	NR	NR
pH	pH units	0.01	6.24	6.87	6.81	7.11	7.29	7.73	6.89	8.40	8.50
Temperature	°C	0.01	13.50	12.80	13.90	13.77	13.00	13.73	14.10	14.00	12.82
Conductivity	µS/cm	0.01	1766.00	4620.00	1589.00	3162.00	1475.00	836.00	1502.00	1638.00	1645.00
Dissolved Oxygen	%	0.01	11.00	16.40	11.60	0.36	NR	2.30	NR	5.00	0.00
ORP	mV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR
Turbidity	ftu	0.01	NR	NR	NR	NR	NR	NR	NR	NR	NR
Volume of water purged	litres	0.01	78.00	77.50	77.50	68.00	77.50	NR	NR	79.00	80.00

Weather Conditions:

Equipment Used (list): HANNA

Equipment Last Calibrated (respective to list above):

Comments

Monitored By: SD			NORWEST HOLST SOIL ENGINEERING
Date: AS ABOVE			
Form No. SI GWM	Revision No. 2.03	Issue Date 24/04/2008	

Project Name	Durham Road, Newport.	**Record Of In-Situ Water Monitoring**	Hole ID
Project No.	F15285		BH606A
Engineer	White, Young & Green.		Fig no.
Client	Vinci Plc.		02

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP		
Depth to base of installation	mbgl	13.04		
Distance to monitoring point from datum	mbgl		Monitoring Point ID	

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	10	11	12	13	14	15	16	17	18
Well volume			16.2	16.17	16.7		16.8	16.48	16.8	16.29	16.48
Date	dd/mm/yyyy	N/A	21/08/2008	28/08/2008	04/09/2008	10/09/2008	18/09/2008	25/09/2008	02/10/2008	09/10/2008	16/10/2008
Time of initial reading	hh:mm	N/A	09:15	NR	12:00		13:10	11:05	10:55	11:20	13:30
Water Level	m	0.01	4.80	4.82	4.55		4.54	4.66	4.50	4.76	4.66
LNAPL	m	0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
DNAPL	m	0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
pH	pH units	0.01	7.90	7.15	9.94		8.00	7.36	7.97	8.40	7.86
Temperature	°C	0.01	12.80	13.00	13.11		12.86	12.83	12.82	12.88	12.83
Conductivity	µS/cm	0.01	796.00	926.00	757.00		1772.00	1216.00	960.00	1061.00	1161.00
Dissolved Oxygen	%	0.01	0.00	0.43	0.00		0.00	0.00	0.00	0.00	0.00
ORP	mV	1									
Turbidity	ftu	0.01									
Volume of water purged	litres	0.01	81.00	81.00	84.00		84.00	83.00	84.00	81.00	83.00

Weather Conditions:

Equipment Used (list): HANNA

Equipment Last Calibrated (respective to list above):

Comments

Monitored By:		
Date:		

Form No. SI GWM Revision No. 2.03 Issue Date 24/04/2008

NORWEST HOLST SOIL ENGINEERING

Project Name Durham Road, Newport. Project No. F15285 Engineer White, Young & Green. Client Vinci Plc.	**Record Of In-Situ Water Monitoring**	Hole ID BH606A Fig no. 02

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP	
Depth to base of installation	mbgl	13.04	
Distance to monitoring point from datum	mbgl		Monitoring Point ID

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	19	20	21	22	23	24	25	26	27
Well volume			16.29	16.76	16.46						
Date	dd/mm/yyyy	N/A	23/10/2008	30/10/2008	06/11/2008						
Time of initial reading	hh:mm	N/A	11:00	12:50	10:55						
Water Level	m	0.01	4.76	4.52	4.67						
LNAPL	m	0.01	<0.01	<0.01	<0.01						
DNAPL	m	0.01	<0.01	<0.01	<0.01						
pH	pH units	0.01	7.82	6.50	6.63						
Temperature	°C	0.01	12.79	11.90	12.50						
Conductivity	µS/cm	0.01	1059.00	619.00	606.00						
Dissolved Oxygen	%	0.01	0.00	16.40	NR						
ORP	mV	1	NR	NR	NR						
Turbidity	ftu	0.01	NR	NR	NR						
Volume of water purged	litres	0.01	82.00	84.00	82.00						

Weather Conditions:

Equipment Used (list): HANNA(HI9145-Dissolved Oxygen, HI9835-Conductivity & HI991003-Temp ,PH).

Equipment Last Calibrated (respective to list above):

Comments

Monitored By: S Davies			NORWEST HOLST SOIL ENGINEERING
Date:			
Form No. SI GWM	Revision No. 2.03	Issue Date 24/04/2008	

Project Name Durham Road, Newport. Project No. F15285 Engineer White, Young & Green. Client Vinci Plc.	**Record Of In-Situ Water Monitoring**	Hole ID BH607 Fig no. 01

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP	
Depth to base of installation	mbgl	2.76	
Distance to monitoring point from datum	mbgl		Monitoring Point ID

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	1	2	3	4	5	6	7	8	9
Well volume			0.8	2.1	1.95	2.47	NR	NR	NR	2.14	2.95
Date	dd/mm/yyyy	N/A	23/06/2008	26/06/2008	03/07/2008	10/07/2008	17/07/2008	24/07/2008	31/07/2008	07/08/2008	14/08/2008
Time of initial reading	hh:mm	N/A	17:33	14:53	09:20	NR	14:10	NR	16:10	14:10	14:05
Water Level	m	0.01	2.35	1.68	1.77	1.51	NR	2.23	1.70	1.67	1.45
LNAPL	m	0.01	NR	NR	NR	NR	NR	NR	NR	NR	NR
DNAPL	m	0.01	NR	NR	NR	NR	NR	NR	NR	NR	NR
pH	pH units	0.01		6.48	6.71	7.46	7.02	8.18	NR	7.68	7.76
Temperature	°C	0.01		15.40	13.60	13.13	14.00	15.14	14.30	14.30	15.30
Conductivity	µS/cm	0.01		1150.00	445.00	835.00	382.00	603.00	413.00	520.00	482.00
Dissolved Oxygen	%	0.01		18.33	83.40	0.11	NR	10.00	NR	13.30	7.00
ORP	mV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR
Turbidity	ftu	0.01	NR	NR	NR	NR	NR	NR	NR	NR	NR
Volume of water purged	litres	0.01	0.80	2.00	2.00	2.70	NR	NR	NR	2.00	15.00

Weather Conditions:

Equipment Used (list): HANNA

Equipment Last Calibrated (respective to list above):

Comments

Monitored By: SD			NORWEST HOLST SOIL ENGINEERING
Date: AS ABOVE			
Form No. SI GWM	Revision No. 2.03	Issue Date 24/04/2008	

Project Name	Durham Road, Newport.	**Record Of In-Situ Water Monitoring**	Hole ID
Project No.	F15285		BH607
Engineer	White, Young & Green.		Fig no.
Client	Vinci Plc.		02

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP			
Depth to base of installation	mbgl	2.76			
Distance to monitoring point from datum	mbgl		Monitoring Point ID		

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	10	11	12	13	14	15	16	17	18
Well volume			2.81	2.73	2.97		3	2.43	2.2	2.1	2.07
Date	dd/mm/yyyy	N/A	21/08/2008	28/08/2008	04/09/2008	10/09/2008	18/09/2008	25/09/2008	02/10/2008	09/10/2008	16/10/2008
Time of initial reading	hh:mm	N/A	10:50	NR	15:20		09:30	10:00	09:30	10:00	12:45
Water Level	m	0.01	1.33	1.37	1.25		1.23	1.41	1.64	1.69	1.71
LNAPL	m	0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
DNAPL	m	0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
pH	pH units	0.01	7.74	7.14	NR		7.27	7.47	NR	8.34	8.84
Temperature	°C	0.01	15.47	13.60	NR		14.38	14.73	NR	14.38	13.99
Conductivity	µS/cm	0.01	612.00	753.00	NR		698.00	698.00	NR	522.00	693.00
Dissolved Oxygen	%	0.01	15.90	0.26	NR		11.90	13.10	NR	26.60	46.30
ORP	mV	1	NR	NR	NR		NR	NR	NR	NR	NR
Turbidity	ftu	0.01	NR	NR	NR		NR	NR	NR	NR	NR
Volume of water purged	litres	0.01	14.00	13.50	15.00		15.00	12.00	11.00	2.10	2.00

Weather Conditions:

Equipment Used (list): HANNA

Equipment Last Calibrated (respective to list above):

Comments

Monitored By: S Davies		
Date:		

NORWEST HOLST SOIL ENGINEERING

Project Name Durham Road, Newport. Project No. F15285 Engineer White, Young & Green. Client Vinci Plc.	**Record Of In-Situ Water Monitoring**	Hole ID BH607 Fig no. 02

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP		
Depth to base of installation	mbgl	2.76		
Distance to monitoring point from datum	mbgl		Monitoring Point ID	

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	19	20	21	22	23	24	25	26	27
Well volume			0.65	2.22	2.03						
Date	dd/mm/yyyy	N/A	23/10/2008	30/10/2008	06/11/2008						
Time of initial reading	hh:mm	N/A	11:30	09:30	09:57						
Water Level	m	0.01	2.43	1.63	1.73						
LNAPL	m	0.01	<0.01	<0.01	<0.01						
DNAPL	m	0.01	<0.01	<0.01	<0.01						
pH	pH units	0.01	NR	6.43	5.85						
Temperature	°C	0.01	NR	12.10	10.70						
Conductivity	µS/cm	0.01	NR	252.60	270.00						
Dissolved Oxygen	%	0.01	NR	61.20	NR						
ORP	mV	1	NR	NR	NR						
Turbidity	ftu	0.01	NR	NR	NR						
Volume of water purged	litres	0.01	0.65	2.22	2.03						

Weather Conditions:

Equipment Used (list): HANNA(HI9145-Dissolved Oxygen, HI9835-Conductivity & HI991003-Temp ,PH).

Equipment Last Calibrated (respective to list above):

Comments

Monitored By:			NORWEST HOLST SOIL ENGINEERING
Date:			
Form No. SI GWM	Revision No. 2.03	Issue Date 24/04/2008	

Project Name	Durham Road, Newport.	**Record Of In-Situ Water Monitoring**	Hole ID
Project No.	F15285		BH608
Engineer	White, Young & Green.		Fig no.
Client	Vinci Plc.		01

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP		
Depth to base of installation	mbgl	2.95		
Distance to monitoring point from datum	mbgl		Monitoring Point ID	

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	1	2	3	4	5	6	7	8	9
Well volume			2.7	2.7	2.65	2.74	2.75	NR	NR	2.7	2.95
Date	dd/mm/yyyy	N/A	23/06/2008	26/06/2008	03/07/2008	10/07/2008	17/07/2008	24/07/2008	31/07/2008	07/08/2008	14/08/2008
Time of initial reading	hh:mm	N/A	17:42	15:09	09:35	NR	10:39	NR	15:40	13:55	14:05
Water Level	m	0.01	1.58	1.58	1.60	1.54	1.55	1.85	0.62	1.58	1.45
LNAPL	m	0.01	NR	NR	NR	NR	NR	NR	NR	NR	NR
DNAPL	m	0.01	NR	NR	NR	NR	NR	NR	NR	NR	NR
pH	pH units	0.01	6.27	6.93	6.53	7.18	6.82	8.37	1.43	7.98	7.76
Temperature	°C	0.01	13.80	14.00	13.90	14.77	14.40	13.57	14.50	13.67	15.30
Conductivity	µS/cm	0.01	473.00	232.50	430.00	1088.00	410.00	1618.00	421.00	550.00	482.00
Dissolved Oxygen	%	0.01	63.60	42.10	37.60	1.76	NR	1.70	NR	0.00	7.00
ORP	mV	1	NR	NR	NR	NR	NR	NR	NR	NR	NR
Turbidity	ftu	0.01	NR	NR	NR	NR	NR	NR	NR	NR	NR
Volume of water purged	litres	0.01	6.00	6.00	13.00	14.00	14.00	NR	NR	13.50	15.00

Weather Conditions:

Equipment Used (list): HANNA

Equipment Last Calibrated (respective to list above):

Comments

Monitored By:		
Date:		

NORWEST HOLST SOIL ENGINEERING

Project Name	Durham Road, Newport.	**Record Of In-Situ Water Monitoring**	Hole ID
Project No.	F15285		BH608
Engineer	White, Young & Green.		Fig no.
Client	Vinci Plc.		02

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP			
Depth to base of installation	mbgl	2.95			
Distance to monitoring point from datum	mbgl		Monitoring Point ID		

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	10	11	12	13	14	15	16	17	18
Well volume			3.05	2.98	3.13		2.95	2.79	2.6	2.66	2.52
Date	dd/mm/yyyy	N/A	21/08/2008	28/08/2008	04/09/2008	10/09/2008	18/09/2008	25/09/2008	02/10/2008	09/10/2008	16/10/2008
Time of initial reading	hh:mm	N/A	11:10	NR	15:25		09:00	08:50	09:45	10:15	12:52
Water Level	m	0.01	1.40	1.43	1.36		1.45	1.53	1.63	1.60	1.67
LNAPL	m	0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
DNAPL	m	0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01
pH	pH units	0.01	7.74	7.12	7.65		7.41	7.70	8.26	8.29	7.70
Temperature	°C	0.01	14.86	13.60	14.40		13.96	14.50	14.04	14.11	13.76
Conductivity	µS/cm	0.01	569.00	727.00	454.00		657.00	707.00	586.00	537.00	857.00
Dissolved Oxygen	%	0.01	0.00	0.50	0.00		0.80	2.90	12.50	0.00	0.30
ORP	mV	1	NR	NR	NR		NR	NR	NR	NR	NR
Turbidity	ftu	0.01	NR	NR	NR		NR	NR	NR	NR	NR
Volume of water purged	litres	0.01	15.00	15.00	15.50		15.00	14.00	13.00	13.00	13.00

Weather Conditions:

Equipment Used (list): HANNA

Equipment Last Calibrated (respective to list above):

Comments

Monitored By:		
Date:		

NORWEST HOLST SOIL ENGINEERING

Project Name Durham Road, Newport. Project No. F15285 Engineer White, Young & Green. Client Vinci Plc.	**Record Of In-Situ Water Monitoring**	Hole ID BH608 Fig no. 02

Notes Type of Sampling Poin OB = Open Borehole, SP = Standpipe, SPIE = Piezometer, GMP = Gas monitoring p
GWP = Groundwater monitoring point, SS = Surface Sample, NR = Not Recorded

Well Type		SP	
Depth to base of installation	mbgl	2.95	
Distance to monitoring point from datum	mbgl		Monitoring Point ID

Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	19	20	21	22	23	24	25	26	27
Well volume			2.5	2.58	2.54						
Date	dd/mm/yyyy	N/A	23/10/2008	30/10/2008	06/11/2008						
Time of initial reading	hh:mm	N/A	14:08	08:45	09:10						
Water Level	m	0.01	1.68	1.64	1.66						
LNAPL	m	0.01	<0.01	<0.01	<0.01						
DNAPL	m	0.01	<0.01	<0.01	<0.01						
pH	pH units	0.01	8.03	6.79	5.09						
Temperature	°C	0.01	13.84	11.60	12.70						
Conductivity	µS/cm	0.01	835.00	470.00	320.00						
Dissolved Oxygen	%	0.01	2.70	25.40	NR						
ORP	mV	1	NR	NR	NR						
Turbidity	ftu	0.01	NR	NR	NR						
Volume of water purged	litres	0.01	13.00	13.00	13.00						

Weather Conditions:

Equipment Used (list): HANNA(HI9145-Dissolved Oxygen, HI9835-Conductivity & HI991003-Temp ,PH).

Equipment Last Calibrated (respective to list above):

Comments

Monitored By:			NORWEST HOLST SOIL ENGINEERING
Date:			

Client: **Norwest Holst Ltd - Soil Engineering Div**
Unit 4
28 Firth Road
Houstoun Industrial Estate
Livingston
West Lothian
EH54 5DJ

FAO: Mr C Wilkinson

Test Report Number: R08/1095

Client Project Name:	**Durham Road, Newport**
Client Project Number:	**F15285**
Your Order Number:	**F15285**
Order Receipt Date:	**24/06/08**
Reporting Date:	**Monday 30 June 2008**

If you have any queries regarding this report please contact our Customer Services Section

ECõS Environmental Limited
Low Moor Business Park, Common Road, Bradford BD12 0NB
Tel: 01274 691122 Fax: 01274 608100

Client Project Name: Durham Road, Newport | **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 | **Reporting Date: Monday 30 June 2008**

Comments

All analyses are carried out using the laboratory's standard methods unless otherwise agreed.

The test results in this report refer only to the actual samples on which testing has been performed.

Any opinions and/or interpretations expressed herein are outside the scope of the testing laboratory's UKAS accreditation.

The test report shall not be reproduced, except in full, without the testing laboratory's written approval.

This testing laboratory cannot be held responsible for the condition or suitability of samples submitted for testing by a third party or for the competency of personnel other than its own staff.

This testing laboratory cannot be held responsible for the accuracy of test sample locations or descriptions when supplied by a third party.

Soil Samples

Results are expressed on a dried mass basis. Assisted drying carried out @ 40°C.

See key in Notes section for explanation of numerical categories for asbestos results, if applicable.

All material is crushed if possible after assisted drying. Material which cannot be crushed is removed prior to analysis. See Notes section for details, if applicable.

Samples submitted for leachate determination were prepared using agreed procedures and analysed using UKAS accredited methodology where appropriate.

Results are expressed without correction for recovery factors.

Results marked with a ^{U} are UKAS accredited.

Sample Pretreatment (as listed in method statement)

AD = Assisted drying @ 40°C R = As Received

Sample Type

B = Bulk disturbed sample
C = Core Sample
D = Small disturbed sample
ES = Environmental Soil Sample
P = Piston sample
U = Undisturbed sample - open drive
W = Water Sample
EW = Environmental Water Sample

Sample Results

Analysis not requested
*** Test not completed. Please see notes on last page

Signed:_____

For and on behalf of ECõS Environmental Limited

Approved signatories:

Name	Position
J R Brown	Business Development Manager
L Dewell	Production Manager
J Stoddart	Technical Manager

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Monday 30 June 2008

Water Samples

Method Statement

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
pH	pH-meter	R	N/A	No	30/06/08
Phenols	HPLC-EC	R	0.5 ug/l	No	27/06/08
PAH (sum of PAH 17)	GC-MS	R	0.02 ug/l	No	27/06/08
Naphthalene	GC-MS	R	0.02 ug/l	No	27/06/08
Acenaphthylene	GC-MS	R	0.02 ug/l	No	27/06/08
Acenaphthene	GC-MS	R	0.02 ug/l	No	27/06/08
Fluorene	GC-MS	R	0.02 ug/l	No	27/06/08
Phenanthrene	GC-MS	R	0.02 ug/l	No	27/06/08
Anthracene	GC-MS	R	0.02 ug/l	No	27/06/08
Fluoranthene	GC-MS	R	0.02 ug/l	No	27/06/08
Pyrene	GC-MS	R	0.02 ug/l	No	27/06/08
Benzo(a)anthracene	GC-MS	R	0.01 ug/l	No	27/06/08
Chrysene	GC-MS	R	0.01 ug/l	No	27/06/08
Benzo(b)+(j)fluoranthene	GC-MS	R	0.01 ug/l	No	27/06/08
Benzo(k)fluoranthene	GC-MS	R	0.01 ug/l	No	27/06/08
Benzo(a)pyrene	GC-MS	R	0.01 ug/l	No	27/06/08
Indeno(1,2,3-cd)pyrene	GC-MS	R	0.01 ug/l	No	27/06/08
Dibenz(a,h)anthracene	GC-MS	R	0.01 ug/l	No	27/06/08
Benzo(g,h,i)perylene	GC-MS	R	0.01 ug/l	No	27/06/08
Arsenic	ICP-MS	R	0.2 ug/l	No	27/06/08
Cadmium	ICP-MS	R	0.01 ug/l	No	27/06/08
Chromium	ICP-MS	R	0.07 ug/l	No	27/06/08
Lead	ICP-MS	R	0.2 ug/l	No	27/06/08
Mercury	ICP-MS	R	0.02 ug/l	No	27/06/08
Nickel	ICP-MS	R	0.5 ug/l	No	27/06/08
Selenium	ICP-MS	R	5.0 ug/l	No	27/06/08
Benzene	HS-GC-MS	R	1 ug/l	No	27/06/08
Toluene	HS-GC-MS	R	1 ug/l	No	27/06/08
Ethylbenzene	HS-GC-MS	R	1 ug/l	No	27/06/08
m+p-Xylene	HS-GC-MS	R	1 ug/l	No	27/06/08
o-Xylene	HS-GC-MS	R	1 ug/l	No	27/06/08
TPH	GC-FID	R	0.05 mg/l	No	27/06/08
TPH EC10-EC12	GC-FID	R	0.01 mg/l	No	27/06/08
TPH EC12-EC16	GC-FID	R	0.01 mg/l	No	27/06/08
TPH EC16-EC21	GC-FID	R	0.01 mg/l	No	27/06/08
TPH EC21-EC35	GC-FID	R	0.05 mg/l	No	27/06/08
TPH EC35-EC40	GC-FID	R	0.05 mg/l	No	27/06/08
TPH EC5-EC6	HS-GC-FID	R	0.01 mg/l	No	17/06/08
TPH EC6-EC8	HS-GC-FID	R	0.01 mg/l	No	17/06/08
TPH EC8-EC10	HS-GC-FID	R	0.01 mg/l	No	17/06/08
Polychlorinated biphenyl BZ#101	GC-MS	R	0.005 ug/l	Yes	30/06/08
Polychlorinated biphenyl BZ#118	GC-MS	R	0.005 ug/l	Yes	30/06/08

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Monday 30 June 2008

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
Polychlorinated biphenyl BZ#138	GC-MS	R	0.005 ug/l	Yes	30/06/08
Polychlorinated biphenyl BZ#153	GC-MS	R	0.005 ug/l	Yes	30/06/08
Polychlorinated biphenyl BZ#180	GC-MS	R	0.005 ug/l	Yes	30/06/08
Polychlorinated biphenyl BZ#28	GC-MS	R	0.005 ug/l	Yes	30/06/08
Polychlorinated biphenyl BZ#52	GC-MS	R	0.005 ug/l	Yes	30/06/08

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Monday 30 June 2008

Sample Location / Identification		SM1	SM2	SM3	BH604A	BH601
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled		23/06/08	23/06/08	23/06/08	23/06/08	23/06/08
Receipt Date		24/06/08	24/06/08	24/06/08	24/06/08	24/06/08
ECõS Sample ID		S0806956	S0806957	S0806958	S0806959	S0806960
Matrix Type		Other Water	Other Water	Other Water	Ground Water	Ground Water
Determinand	**Units**					
pH	N/A	8.0	8.1	8.2	8.4	7.8
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	14.79	16.81	2.69	0.08	1.18
Naphthalene	ug/l	0.09	0.06	0.03	0.06	<0.06**
Acenaphthylene	ug/l	0.06	0.07	<0.02	<0.02	<0.06**
Acenaphthene	ug/l	0.33	0.30	0.11	<0.02	<0.06**
Fluorene	ug/l	0.27	0.22	0.09	<0.02	<0.06**
Phenanthrene	ug/l	1.09	1.28	0.26	0.02	0.09
Anthracene	ug/l	0.21	0.22	0.06	<0.02	<0.06**
Fluoranthene	ug/l	2.09	2.44	0.43	<0.02	0.15
Pyrene	ug/l	1.61	1.85	0.31	<0.02	0.15
Benzo(a)anthracene	ug/l	0.94	1.19	0.16	<0.01	0.09
Chrysene	ug/l	1.48	1.79	0.25	<0.01	0.12
Benzo(b)+(j)fluoranthene	ug/l	2.12	2.37	0.31	<0.01	0.18
Benzo(k)fluoranthene	ug/l	0.70	0.76	0.09	<0.01	0.09
Benzo(a)pyrene	ug/l	1.18	1.39	0.20	<0.01	0.15
Indeno(1,2,3-cd)pyrene	ug/l	1.03	1.27	0.14	<0.01	0.09
Dibenz(a,h)anthracene	ug/l	0.48	0.44	0.08	<0.01	<0.03**
Benzo(g,h,i)perylene	ug/l	1.12	1.18	0.18	<0.01	0.09
Arsenic	ug/l	<2.0*	<2.0*	<2.0*	41.9 U	<2.0* U
Cadmium	ug/l	<0.1*	0.19	<0.1*	0.19 U	0.19 U
Chromium	ug/l	<0.7*	<0.7*	<0.7*	15.24 U	<0.7* U
Lead	ug/l	<2.0*	<2.0*	<2.0*	<2.0* U	11.5 U
Mercury	ug/l	0.27	<0.2*	<0.2*	<0.2* U	<0.2* U
Nickel	ug/l	<5.0*	<5.0*	<5.0*	6.8 U	9.3 U
Selenium	ug/l	<5.0*	<5.0*	<5.0*	<5.0* U	<5.0* U
Benzene	ug/l	<1	<1	<1	<1	<1
Toluene	ug/l	<1	<1	<1	1	<1
Ethylbenzene	ug/l	<1	<1	<1	<1	<1
m+p-Xylene	ug/l	<1	<1	<1	<1	<1
o-Xylene	ug/l	<1	<1	<1	<1	<1
TPH	mg/l	0.19	0.11	<0.05	<0.05	<0.15**
TPH EC10-EC12	mg/l	<0.03**	<0.01	<0.01	<0.01	<0.03**
TPH EC12-EC16	mg/l	<0.03**	<0.01	<0.01	<0.01	<0.03**

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Monday 30 June 2008

Sample Location / Identification		SM1	SM2	SM3	BH604A	BH601
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled		23/06/08	23/06/08	23/06/08	23/06/08	23/06/08
Receipt Date		24/06/08	24/06/08	24/06/08	24/06/08	24/06/08
ECõS Sample ID		S0806956	S0806957	S0806958	S0806959	S0806960
Matrix Type		Other Water	Other Water	Other Water	Ground Water	Ground Water
Determinand	**Units**					
TPH EC16-EC21	mg/l	0.03	0.01	<0.01	<0.01	<0.03**
TPH EC21-EC35	mg/l	0.15	0.08	<0.05	<0.05	<0.15**
TPH EC35-EC40	mg/l	<0.15**	<0.05	<0.05	<0.05	<0.15**
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#101	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#118	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#138	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#153	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#180	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#28	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#52	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Monday 30 June 2008

Sample Location / Identification		BH602	BH608	BH603	BH604	BH606A
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled		23/06/08	23/06/08	23/06/08	23/06/08	23/06/08
Receipt Date		24/06/08	24/06/08	24/06/08	24/06/08	24/06/08
ECõS Sample ID		S0806961	S0806962	S0806963	S0806964	S0806965
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
pH	N/A	7.6	7.6	7.8	7.5	8.0
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	0.28	0.61	0.17	0.21	<0.08
Naphthalene	ug/l	<0.02	0.15	0.02	<0.06**	<0.08**
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.06**	<0.08**
Acenaphthene	ug/l	<0.02	0.31	<0.02	<0.06**	<0.08**
Fluorene	ug/l	<0.02	0.07	<0.02	<0.06**	<0.08**
Phenanthrene	ug/l	0.02	0.03	0.02	0.06	<0.08**
Anthracene	ug/l	<0.02	<0.02	<0.02	<0.06**	<0.08**
Fluoranthene	ug/l	0.04	0.03	<0.02	0.06	<0.08**
Pyrene	ug/l	0.03	0.02	<0.02	0.06	<0.08**
Benzo(a)anthracene	ug/l	0.03	<0.01	0.02	<0.03**	<0.04**
Chrysene	ug/l	0.03	<0.01	0.02	<0.03**	<0.04**
Benzo(b)+(j)fluoranthene	ug/l	0.04	<0.01	0.02	<0.03**	<0.04**
Benzo(k)fluoranthene	ug/l	<0.01	<0.01	<0.01	<0.03**	<0.04**
Benzo(a)pyrene	ug/l	0.04	<0.01	0.02	<0.03**	<0.04**
Indeno(1,2,3-cd)pyrene	ug/l	0.03	<0.01	0.02	<0.03**	<0.04**
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	<0.03**	<0.04**
Benzo(g,h,i)perylene	ug/l	0.04	<0.01	0.04	<0.03**	<0.04**
Arsenic	ug/l	4.2 U	7.6 U	3.8 U	<2.0* U	19.8 U
Cadmium	ug/l	0.26 U	<0.1* U	0.18 U	0.33 U	0.37 U
Chromium	ug/l	1.00 U	1.81 U	1.17 U	<0.7* U	19.58 U
Lead	ug/l	13.5 U	<2.0* U	<2.0* U	<2.0* U	<2.0* U
Mercury	ug/l	<0.2* U	<0.2* U	<0.2* U	<0.2* U	<0.2* U
Nickel	ug/l	11.2 U	11.9 U	13.5 U	145.7 U	<5.0* U
Selenium	ug/l	<5.0* U	<5.0* U	<5.0* U	<5.0* U	<5.0* U
Benzene	ug/l	<1	<1	<1	<1	<1
Toluene	ug/l	<1	<1	<1	<1	<1
Ethylbenzene	ug/l	<1	<1	<1	<1	<1
m+p-Xylene	ug/l	<1	<1	<1	<1	<1
o-Xylene	ug/l	<1	<1	<1	<1	<1
TPH	mg/l	<0.05	<0.05	<0.05	<0.15**	<0.20**
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.03**	<0.04**
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.03**	<0.04**

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Monday 30 June 2008

Sample Location / Identification		BH602	BH608	BH603	BH604	BH606A
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled		23/06/08	23/06/08	23/06/08	23/06/08	23/06/08
Receipt Date		24/06/08	24/06/08	24/06/08	24/06/08	24/06/08
ECõS Sample ID		S0806961	S0806962	S0806963	S0806964	S0806965
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.03**	<0.04**
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.15**	<0.20**
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.15**	<0.20**
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#101	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#118	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#138	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#153	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#180	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#28	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#52	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Monday 30 June 2008

Notes and Preservation Details

Note * LOD raised due to dilution of sample prior to analysis

** LOD raised as insufficient sample to carry out analysis at require detection limit

PCB analyses undertaken by UKAS laboratory number 1549.

End of Test Report

Client: **Norwest Holst Ltd - Soil Engineering Div**
Parkside Lane
Dewsbury Road
LEEDS
West Yorkshire
LS11 5SX

FAO: Mr C Wilkinson

Test Report Number: R08/1115

Client Project Name:	**Durham Rd, Newport**
Client Project Number:	**F15285**
Your Order Number:	**F15285**
Order Receipt Date:	**27/06/08**
Reporting Date:	**Tuesday 8 July 2008**

If you have any queries regarding this report please contact our Customer Services Section

ECõS Environmental Limited
Low Moor Business Park, Common Road, Bradford BD12 0NB
Tel: 01274 691122 Fax: 01274 608100

Client Project Name: Durham Rd, Newport | **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 | **Reporting Date: Tuesday 8 July 2008**

Comments

All analyses are carried out using the laboratory's standard methods unless otherwise agreed.

The test results in this report refer only to the actual samples on which testing has been performed.

Any opinions and/or interpretations expressed herein are outside the scope of the testing laboratory's UKAS accreditation.

The test report shall not be reproduced, except in full, without the testing laboratory's written approval.

This testing laboratory cannot be held responsible for the condition or suitability of samples submitted for testing by a third party or for the competency of personnel other than its own staff.

This testing laboratory cannot be held responsible for the accuracy of test sample locations or descriptions when supplied by a third party.

Soil Samples

Results are expressed on a dried mass basis. Assisted drying carried out @ 40°C.

See key in Notes section for explanation of numerical categories for asbestos results, if applicable.

All material is crushed if possible after assisted drying. Material which cannot be crushed is removed prior to analysis. See Notes section for details, if applicable.

Samples submitted for leachate determination were prepared using agreed procedures and analysed using UKAS accredited methodology where appropriate.

Results are expressed without correction for recovery factors.

Results marked with a ^{U} are UKAS accredited.

Sample Pretreatment (as listed in method statement)

AD = Assisted drying @ 40°C R = As Received

Sample Type

B = Bulk disturbed sample
C = Core Sample
D = Small disturbed sample
ES = Environmental Soil Sample
P = Piston sample
U = Undisturbed sample - open drive
W = Water Sample
EW = Environmental Water Sample

Sample Results

Analysis not requested
*** Test not completed. Please see notes on last page

Signed:_____

For and on behalf of ECõS Environmental Limited

Approved signatories:

Name	Position
J R Brown	Business Development Manager
L Dewell	Production Manager
J Stoddart	Technical Manager

Client Project Name: Durham Rd, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Tuesday 8 July 2008

Water Samples

Method Statement

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
pH	pH-meter	R	N/A	No	04/07/08
Phenols	HPLC-EC	R	0.5 ug/l	No	01/07/08
PAH (sum of PAH 17)	GC-MS	R	0.02 ug/l	No	04/07/08
Naphthalene	GC-MS	R	0.02 ug/l	No	04/07/08
Acenaphthylene	GC-MS	R	0.02 ug/l	No	04/07/08
Acenaphthene	GC-MS	R	0.02 ug/l	No	04/07/08
Fluorene	GC-MS	R	0.02 ug/l	No	04/07/08
Phenanthrene	GC-MS	R	0.02 ug/l	No	04/07/08
Anthracene	GC-MS	R	0.02 ug/l	No	04/07/08
Fluoranthene	GC-MS	R	0.02 ug/l	No	04/07/08
Pyrene	GC-MS	R	0.02 ug/l	No	04/07/08
Benzo(a)anthracene	GC-MS	R	0.01 ug/l	No	04/07/08
Chrysene	GC-MS	R	0.01 ug/l	No	04/07/08
Benzo(b)+(j)fluoranthene	GC-MS	R	0.01 ug/l	No	04/07/08
Benzo(k)fluoranthene	GC-MS	R	0.01 ug/l	No	04/07/08
Benzo(a)pyrene	GC-MS	R	0.01 ug/l	No	04/07/08
Indeno(1,2,3-cd)pyrene	GC-MS	R	0.01 ug/l	No	04/07/08
Dibenz(a,h)anthracene	GC-MS	R	0.01 ug/l	No	04/07/08
Benzo(g,h,i)perylene	GC-MS	R	0.01 ug/l	No	04/07/08
Arsenic	ICP-MS	R	0.2 ug/l	No	04/07/08
Cadmium	ICP-MS	R	0.01 ug/l	No	04/07/08
Chromium	ICP-MS	R	0.07 ug/l	No	04/07/08
Lead	ICP-MS	R	0.2 ug/l	No	04/07/08
Mercury	ICP-MS	R	0.02 ug/l	No	04/07/08
Nickel	ICP-MS	R	0.5 ug/l	No	04/07/08
Selenium	ICP-MS	R	0.5 ug/l	No	04/07/08
Benzene	HS-GC-FID	R	0.01 mg/l	No	03/07/08
Toluene	HS-GC-FID	R	0.01 mg/l	No	03/07/08
Ethylbenzene	HS-GC-FID	R	0.01 mg/l	No	03/07/08
m+p-Xylene	HS-GC-FID	R	0.01 mg/l	No	03/07/08
o-Xylene	HS-GC-FID	R	0.01 mg/l	No	03/07/08
TPH	GC-FID	R	0.05 mg/l	No	03/07/08
TPH EC10-EC12	GC-FID	R	0.01 mg/l	No	03/07/08
TPH EC12-EC16	GC-FID	R	0.01 mg/l	No	03/07/08
TPH EC16-EC21	GC-FID	R	0.01 mg/l	No	03/07/08
TPH EC21-EC35	GC-FID	R	0.05 mg/l	No	03/07/08
TPH EC35-EC40	GC-FID	R	0.05 mg/l	No	03/07/08
TPH EC5-EC6	HS-GC-FID	R	0.01 mg/l	No	03/07/08
TPH EC6-EC8	HS-GC-FID	R	0.01 mg/l	No	03/07/08
TPH EC8-EC10	HS-GC-FID	R	0.01 mg/l	No	03/07/08
Polychlorinated biphenyl BZ#28	GC-MS	R	0.005 ug/l	Yes	04/07/08
Polychlorinated biphenyl BZ#52	GC-MS	R	0.005 ug/l	Yes	04/07/08

Client Project Name: Durham Rd, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Tuesday 8 July 2008

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
Polychlorinated biphenyl BZ#101	GC-MS	R	0.005 ug/l	Yes	04/07/08
Polychlorinated biphenyl BZ#118	GC-MS	R	0.005 ug/l	Yes	04/07/08
Polychlorinated biphenyl BZ#153	GC-MS	R	0.005 ug/l	Yes	04/07/08
Polychlorinated biphenyl BZ#138	GC-MS	R	0.005 ug/l	Yes	04/07/08
Polychlorinated biphenyl BZ#180	GC-MS	R	0.005 ug/l	Yes	04/07/08

Client Project Name: Durham Rd, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Tuesday 8 July 2008

Sample Location / Identification		BH601	BH602	BH603	BH604	BH604A
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled						
Receipt Date		27/06/08	27/06/08	27/06/08	27/06/08	27/06/08
ECõS Sample ID		S0807092	S0807093	S0807094	S0807095	S0807096
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
pH	N/A	7.8	7.9	8.3	8.0	8.6
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	0.28	0.02	0.84	0.35	0.09
Naphthalene	ug/l	0.02	<0.02	<0.02	0.03	0.06
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluorene	ug/l	<0.02	<0.02	0.05	<0.02	<0.02
Phenanthrene	ug/l	0.04	0.02	0.02	0.03	0.03
Anthracene	ug/l	<0.02	<0.02	0.06	<0.02	<0.02
Fluoranthene	ug/l	0.04	<0.02	0.05	0.04	<0.02
Pyrene	ug/l	0.03	<0.02	0.06	0.04	<0.02
Benzo(a)anthracene	ug/l	0.02	<0.01	0.09	0.03	<0.01
Chrysene	ug/l	0.02	<0.01	0.16	0.03	<0.01
Benzo(b)+(j)fluoranthene	ug/l	0.04	<0.01	0.05	0.06	<0.01
Benzo(k)fluoranthene	ug/l	0.01	<0.01	0.08	0.02	<0.01
Benzo(a)pyrene	ug/l	0.03	<0.01	0.07	0.03	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	0.02	<0.01	0.05	0.03	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	0.11	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	0.02	<0.01	<0.01	0.03	<0.01
Arsenic	ug/l	1.3 U	5.5 U	2.6 U	0.7 U	15.7 U
Cadmium	ug/l	0.31 U	0.02 U	0.26 U	0.33 U	0.08 U
Chromium	ug/l	1.79 U	2.18 U	1.76 U	2.55 U	11.18 U
Lead	ug/l	1.9 U	1.1 U	0.6 U	0.3 U	1.8 U
Mercury	ug/l	0.04 U	0.04 U	0.03 U	0.04 U	0.07 U
Nickel	ug/l	9.5 U	12.5 U	10.4 U	34.0 U	5.4 U
Selenium	ug/l	1.8 U	0.7 U	3.4 U	1.7 U	5.2 U
Benzene	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Ethylbenzene	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
m+p-Xylene	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
o-Xylene	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01

Client Project Name: Durham Rd, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Tuesday 8 July 2008

Sample Location / Identification		BH601	BH602	BH603	BH604	BH604A
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled						
Receipt Date		27/06/08	27/06/08	27/06/08	27/06/08	27/06/08
ECõS Sample ID		S0807092	S0807093	S0807094	S0807095	S0807096
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#52	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#101	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#118	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#153	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#138	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#180	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005

Client Project Name: Durham Rd, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Tuesday 8 July 2008

Sample Location / Identification		BH606A	BH608	TP912
Top Depth / m				2.30
Bottom Depth / m				2.40
Sample No.				
Sample Type				
Date Sampled				
Receipt Date		27/06/08	27/06/08	27/06/08
ECõS Sample ID		S0807097	S0807098	S0807099
Matrix Type		Ground Water	Ground Water	Ground Water
Determinand	**Units**			
pH	N/A	8.4	7.9	8.1
Phenols	ug/l	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	0.04	1.66	3.88
Naphthalene	ug/l	0.02	0.04	0.02
Acenaphthylene	ug/l	<0.02	<0.02	0.05
Acenaphthene	ug/l	<0.02	0.19	<0.02
Fluorene	ug/l	<0.02	0.05	<0.02
Phenanthrene	ug/l	0.02	0.09	0.15
Anthracene	ug/l	<0.02	0.03	0.08
Fluoranthene	ug/l	<0.02	0.19	0.40
Pyrene	ug/l	<0.02	0.16	0.35
Benzo(a)anthracene	ug/l	<0.01	0.13	0.32
Chrysene	ug/l	<0.01	0.14	0.34
Benzo(b)+(j)fluoranthene	ug/l	<0.01	0.24	0.66
Benzo(k)fluoranthene	ug/l	<0.01	0.08	0.25
Benzo(a)pyrene	ug/l	<0.01	0.13	0.41
Indeno(1,2,3-cd)pyrene	ug/l	<0.01	0.08	0.36
Dibenz(a,h)anthracene	ug/l	<0.01	0.03	0.10
Benzo(g,h,i)perylene	ug/l	<0.01	0.10	0.40
Arsenic	ug/l	8.7 U	2.1 U	5.5 U
Cadmium	ug/l	0.22 U	0.01 U	0.28 U
Chromium	ug/l	12.92 U	2.91 U	2.51 U
Lead	ug/l	0.3 U	<0.2 U	3.3 U
Mercury	ug/l	0.03 U	0.03 U	0.02 U
Nickel	ug/l	3.0 U	4.0 U	5.9 U
Selenium	ug/l	10.6 U	0.5 U	4.4 U
Benzene	mg/l	<0.01	<0.01	<0.01
Toluene	mg/l	<0.01	<0.01	<0.01
Ethylbenzene	mg/l	<0.01	<0.01	<0.01
m+p-Xylene	mg/l	<0.01	<0.01	<0.01
o-Xylene	mg/l	<0.01	<0.01	<0.01
TPH	mg/l	<0.05	0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01

Client Project Name: Durham Rd, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Tuesday 8 July 2008

Sample Location / Identification		BH606A	BH608	TP912
Top Depth / m				2.30
Bottom Depth / m				2.40
Sample No.				
Sample Type				
Date Sampled				
Receipt Date		27/06/08	27/06/08	27/06/08
ECõS Sample ID		S0807097	S0807098	S0807099
Matrix Type		Ground Water	Ground Water	Ground Water
Determinand	**Units**			
TPH EC16-EC21	mg/l	<0.01	0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	ug/l	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#52	ug/l	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#101	ug/l	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#118	ug/l	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#153	ug/l	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#138	ug/l	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#180	ug/l	<0.005	<0.005	<0.005

Client Project Name: Durham Rd, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Tuesday 8 July 2008

Notes and Preservation Details

PCB analyses undertaken by UKAS laboratory number 1549.

End of Test Report

Client: **Norwest Holst Ltd - Soil Engineering Div**
Parkside Lane
Dewsbury Road
LEEDS
West Yorkshire
LS11 5SX

FAO: Mr C Wilkinson

Test Report Number: R08/1172

Client Project Name:	**Durham Road**
Client Project Number:	**F15285**
Your Order Number:	**F15285**
Order Receipt Date:	**04/07/08**
Reporting Date:	**Thursday 17 July 2008**

If you have any queries regarding this report please contact our Customer Services Section

ECõS Environmental Limited
Low Moor Business Park, Common Road, Bradford BD12 0NB
Tel: 01274 691122 Fax: 01274 608100

Client Project Name: Durham Road | **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 | **Reporting Date: Thursday 17 July 2008**

Comments

All analyses are carried out using the laboratory's standard methods unless otherwise agreed.

The test results in this report refer only to the actual samples on which testing has been performed.

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This testing laboratory cannot be held responsible for the accuracy of test sample locations or descriptions when supplied by a third party.

Soil Samples

Results are expressed on a dried mass basis. Assisted drying carried out @ 40°C.

See key in Notes section for explanation of numerical categories for asbestos results, if applicable.

All material is crushed if possible after assisted drying. Material which cannot be crushed is removed prior to analysis. See Notes section for details, if applicable.

Samples submitted for leachate determination were prepared using agreed procedures and analysed using UKAS accredited methodology where appropriate.

Results are expressed without correction for recovery factors.

Results marked with a ^{U} are UKAS accredited.

Sample Pretreatment (as listed in method statement)

AD = Assisted drying @ 40°C R = As Received

Sample Type

B = Bulk disturbed sample
C = Core Sample
D = Small disturbed sample
ES = Environmental Soil Sample
P = Piston sample
U = Undisturbed sample - open drive
W = Water Sample
EW = Environmental Water Sample

Sample Results

Analysis not requested
*** Test not completed. Please see notes on last page

Signed:_____

For and on behalf of ECõS Environmental Limited

Approved signatories:

Name	Position
J R Brown	Business Development Manager
L Dewell	Production Manager
J Stoddart	Technical Manager

Client Project Name: Durham Road **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 **Reporting Date: Thursday 17 July 2008**

Water Samples

Method Statement

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
pH	pH-meter	R	N/A	No	11/07/08
Phenols	HPLC-EC	R	0.5 ug/l	No	10/07/08
PAH (sum of PAH 17)	GC-MS	R	0.02 ug/l	No	10/07/08
Naphthalene	GC-MS	R	0.02 ug/l	No	10/07/08
Acenaphthylene	GC-MS	R	0.02 ug/l	No	10/07/08
Acenaphthene	GC-MS	R	0.02 ug/l	No	10/07/08
Fluorene	GC-MS	R	0.02 ug/l	No	10/07/08
Phenanthrene	GC-MS	R	0.02 ug/l	No	10/07/08
Anthracene	GC-MS	R	0.02 ug/l	No	10/07/08
Fluoranthene	GC-MS	R	0.02 ug/l	No	10/07/08
Pyrene	GC-MS	R	0.02 ug/l	No	10/07/08
Benzo(a)anthracene	GC-MS	R	0.01 ug/l	No	10/07/08
Chrysene	GC-MS	R	0.01 ug/l	No	10/07/08
Benzo(b)+(j)fluoranthene	GC-MS	R	0.01 ug/l	No	10/07/08
Benzo(k)fluoranthene	GC-MS	R	0.01 ug/l	No	10/07/08
Benzo(a)pyrene	GC-MS	R	0.01 ug/l	No	10/07/08
Indeno(1,2,3-cd)pyrene	GC-MS	R	0.01 ug/l	No	10/07/08
Dibenz(a,h)anthracene	GC-MS	R	0.01 ug/l	No	10/07/08
Benzo(g,h,i)perylene	GC-MS	R	0.01 ug/l	No	10/07/08
Arsenic	ICP-MS	R	0.2 ug/l	No	10/07/08
Cadmium	ICP-MS	R	0.01 ug/l	No	10/07/08
Chromium	ICP-MS	R	0.07 ug/l	No	11/07/08
Lead	ICP-MS	R	0.2 ug/l	No	11/07/08
Mercury	ICP-MS	R	0.02 ug/l	No	10/07/08
Nickel	ICP-MS	R	0.5 ug/l	No	10/07/08
Selenium	ICP-MS	R	0.5 ug/l	No	10/07/08
Benzene	HS-GC-MS	R	1 ug/l	No	11/07/08
Toluene	HS-GC-MS	R	1 ug/l	No	11/07/08
Ethylbenzene	HS-GC-MS	R	1 ug/l	No	11/07/08
m+p-Xylene	HS-GC-MS	R	1 ug/l	No	11/07/08
o-Xylene	HS-GC-MS	R	1 ug/l	No	11/07/08
TPH	GC-FID	R	0.05 mg/l	No	10/07/08
TPH EC10-EC12	GC-FID	R	0.01 mg/l	No	10/07/08
TPH EC12-EC16	GC-FID	R	0.01 mg/l	No	10/07/08
TPH EC16-EC21	GC-FID	R	0.01 mg/l	No	10/07/08
TPH EC21-EC35	GC-FID	R	0.05 mg/l	No	10/07/08
TPH EC35-EC40	GC-FID	R	0.05 mg/l	No	10/07/08
TPH EC5-EC6	HS-GC-FID	R	0.01 mg/l	No	10/07/08
TPH EC6-EC8	HS-GC-FID	R	0.01 mg/l	No	10/07/08
TPH EC8-EC10	HS-GC-FID	R	0.01 mg/l	No	10/07/08
TPH	GC-FID	R	0.4 mg/l	No	10/07/08
PAH (sum of PAH 17)	GC-MS	R	0.01 mg/l	No	10/07/08

Client Project Name: Durham Road **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 **Reporting Date: Thursday 17 July 2008**

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
Naphthalene	GC-MS	R	0.01 mg/l	No	10/07/08
Acenaphthylene	GC-MS	R	0.01 mg/l	No	10/07/08
Acenaphthene	GC-MS	R	0.01 mg/l	No	10/07/08
Fluorene	GC-MS	R	0.01 mg/l	No	10/07/08
Phenanthrene	GC-MS	R	0.01 mg/l	No	10/07/08
Anthracene	GC-MS	R	0.01 mg/l	No	10/07/08
Fluoranthene	GC-MS	R	0.01 mg/l	No	10/07/08
Pyrene	GC-MS	R	0.01 mg/l	No	10/07/08
Benzo(a)anthracene	GC-MS	R	0.01 mg/l	No	10/07/08
Chrysene	GC-MS	R	0.01 mg/l	No	10/07/08
Benzo(b)+(j)fluoranthene	GC-MS	R	0.01 mg/l	No	10/07/08
Benzo(k)fluoranthene	GC-MS	R	0.01 mg/l	No	10/07/08
Benzo(a)pyrene	GC-MS	R	0.01 mg/l	No	10/07/08
Indeno(1,2,3-cd)pyrene	GC-MS	R	0.01 mg/l	No	10/07/08
Dibenz(a,h)anthracene	GC-MS	R	0.01 mg/l	No	10/07/08
Benzo(g,h,i)perylene	GC-MS	R	0.01 mg/l	No	10/07/08
Polychlorinated biphenyl BZ#101	GC-MS	R	0.005 ug/l	Yes	11/07/08
Polychlorinated biphenyl BZ#118	GC-MS	R	0.005 ug/l	Yes	11/07/08
Polychlorinated biphenyl BZ#138	GC-MS	R	0.005 ug/l	Yes	11/07/08
Polychlorinated biphenyl BZ#153	GC-MS	R	0.005 ug/l	Yes	11/07/08
Polychlorinated biphenyl BZ#180	GC-MS	R	0.005 ug/l	Yes	11/07/08
Polychlorinated biphenyl BZ#28	GC-MS	R	0.005 ug/l	Yes	11/07/08
Polychlorinated biphenyl BZ#52	GC-MS	R	0.005 ug/l	Yes	11/07/08

Client Project Name: Durham Road | **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 | **Reporting Date: Thursday 17 July 2008**

Sample Location / Identification		BH606A	BH607	BH608	BH601	BH602
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled						
Receipt Date		04/07/08	04/07/08	04/07/08	04/07/08	04/07/08
ECõS Sample ID		S0807434	S0807435	S0807436	S0807437	S0807438
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
pH	N/A	8.5	7.7	7.5	7.7	7.7
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	<0.02	<0.01	1.09	<0.02	<0.02
Naphthalene	ug/l	<0.02	<0.01	0.16	<0.02	<0.02
Acenaphthylene	ug/l	<0.02	<0.01	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.01	0.46	<0.02	<0.02
Fluorene	ug/l	<0.02	<0.01	0.11	<0.02	<0.02
Phenanthrene	ug/l	<0.02	<0.01	0.04	<0.02	<0.02
Anthracene	ug/l	<0.02	<0.01	<0.02	<0.02	<0.02
Fluoranthene	ug/l	<0.02	<0.01	0.07	<0.02	<0.02
Pyrene	ug/l	<0.02	<0.01	0.06	<0.02	<0.02
Benzo(a)anthracene	ug/l	<0.01	<0.01	0.03	<0.01	<0.01
Chrysene	ug/l	<0.01	<0.01	0.03	<0.01	<0.01
Benzo(b)+(j)fluoranthene	ug/l	<0.01	<0.01	0.05	0.01	<0.01
Benzo(k)fluoranthene	ug/l	<0.01	<0.01	0.02	<0.01	<0.01
Benzo(a)pyrene	ug/l	<0.01	<0.01	0.03	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	<0.01	<0.01	0.02	<0.01	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	<0.01	<0.01	0.02	<0.01	<0.01
Arsenic	ug/l	15.1 U	2.7 U	2.7 U	1.3	3.4 U
Cadmium	ug/l	0.11 U	0.19 U	0.01 U	0.36	0.52 U
Chromium	ug/l	9.52 U	1.31 U	0.77 U	0.36	1.40 U
Lead	ug/l	<0.2 U	0.4 U	0.9 U	4.7	18.4 U
Mercury	ug/l	0.05 U	0.03 U	<0.02 U	<0.02	<0.02 U
Nickel	ug/l	1.3 U	2.7 U	7.0 U	10.3	13.4 U
Selenium	ug/l	13.6 U	1.6 U	0.9 U	2.3	<0.5 U
Benzene	ug/l	<1	<1	<1	<1	<1
Toluene	ug/l	<1	<1	<1	<1	<1
Ethylbenzene	ug/l	<1	<1	<1	<1	<1
m+p-Xylene	ug/l	<1	<1	<1	<1	<1
o-Xylene	ug/l	<1	<1	<1	<1	<1
TPH	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01

Client Project Name: Durham Road | **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 | **Reporting Date: Thursday 17 July 2008**

Sample Location / Identification		BH606A	BH607	BH608	BH601	BH602
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled						
Receipt Date		04/07/08	04/07/08	04/07/08	04/07/08	04/07/08
ECõS Sample ID		S0807434	S0807435	S0807436	S0807437	S0807438
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
PAH (sum of PAH 17)	mg/l	#	<0.01	#	#	#
Naphthalene	mg/l	#	<0.01	#	#	#
Acenaphthylene	mg/l	#	<0.01	#	#	#
Acenaphthene	mg/l	#	<0.01	#	#	#
Fluorene	mg/l	#	<0.01	#	#	#
Phenanthrene	mg/l	#	<0.01	#	#	#
Anthracene	mg/l	#	<0.01	#	#	#
Fluoranthene	mg/l	#	<0.01	#	#	#
Pyrene	mg/l	#	<0.01	#	#	#
Benzo(a)anthracene	mg/l	#	<0.01	#	#	#
Chrysene	mg/l	#	<0.01	#	#	#
Benzo(b)+(j)fluoranthene	mg/l	#	<0.01	#	#	#
Benzo(k)fluoranthene	mg/l	#	<0.01	#	#	#
Benzo(a)pyrene	mg/l	#	<0.01	#	#	#
Indeno(1,2,3-cd)pyrene	mg/l	#	<0.01	#	#	#
Dibenz(a,h)anthracene	mg/l	#	<0.01	#	#	#
Benzo(g,h,i)perylene	mg/l	#	<0.01	#	#	#
TPH	mg/l	#	<0.4	#	#	#
Polychlorinated biphenyl BZ#28	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#52	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#101	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#118	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#138	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#153	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#180	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005

Client Project Name: Durham Road | **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 | **Reporting Date: Thursday 17 July 2008**

Sample Location / Identification		BH603	BH604	BH604A
Top Depth / m				
Bottom Depth / m				
Sample No.				
Sample Type				
Date Sampled				
Receipt Date		04/07/08	04/07/08	04/07/08
ECõS Sample ID		S0807439	S0807440	S0807441
Matrix Type		Ground Water	Ground Water	Ground Water
Determinand	**Units**			
pH	N/A	7.8	7.5	7.9
Phenols	ug/l	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	<0.02	0.05	0.02
Naphthalene	ug/l	<0.02	0.03	0.02
Acenaphthylene	ug/l	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	<0.02
Fluorene	ug/l	<0.02	<0.02	<0.02
Phenanthrene	ug/l	<0.02	0.02	<0.02
Anthracene	ug/l	<0.02	<0.02	<0.02
Fluoranthene	ug/l	<0.02	<0.02	<0.02
Pyrene	ug/l	<0.02	<0.02	<0.02
Benzo(a)anthracene	ug/l	<0.01	<0.01	<0.01
Chrysene	ug/l	<0.01	<0.01	<0.01
Benzo(b)+(j)fluoranthene	ug/l	<0.01	<0.01	<0.01
Benzo(k)fluoranthene	ug/l	<0.01	<0.01	<0.01
Benzo(a)pyrene	ug/l	<0.01	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	<0.01	<0.01	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	<0.01	<0.01	<0.01
Arsenic	ug/l	3.6 U	1.1 U	53.2 U
Cadmium	ug/l	0.27 U	0.36 U	0.04 U
Chromium	ug/l	0.79 U	0.58 U	9.81 U
Lead	ug/l	1.0 U	<0.2 U	<0.2 U
Mercury	ug/l	<0.02 U	<0.02 U	<0.02 U
Nickel	ug/l	14.0 U	26.3 U	1.3 U
Selenium	ug/l	1.1 U	1.9 U	12.6 U
Benzene	ug/l	<1	<1	<1
Toluene	ug/l	<1	<1	<1
Ethylbenzene	ug/l	<1	<1	<1
m+p-Xylene	ug/l	<1	<1	<1
o-Xylene	ug/l	<1	<1	<1
TPH	mg/l	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01

Client Project Name: Durham Road **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 **Reporting Date: Thursday 17 July 2008**

Sample Location / Identification		BH603	BH604	BH604A
Top Depth / m				
Bottom Depth / m				
Sample No.				
Sample Type				
Date Sampled				
Receipt Date		04/07/08	04/07/08	04/07/08
ECõS Sample ID		S0807439	S0807440	S0807441
Matrix Type		Ground Water	Ground Water	Ground Water
Determinand	**Units**			
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	µg/l	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#52	µg/l	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#101	µg/l	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#118	µg/l	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#138	µg/l	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#153	µg/l	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#180	µg/l	<0.005	<0.005	<0.005

Client Project Name: Durham Road

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Thursday 17 July 2008

Notes and Preservation Details

PCB analyses undertaken by UKAS laboratory number 1549.

End of Test Report

Client: **Norwest Holst Ltd - Soil Engineering Div**
Parkside Lane
Dewsbury Road
LEEDS
West Yorkshire
LS11 5SX

FAO: Mr C Wilkinson

Test Report Number: R08/1266

Client Project Name:	**Durham Road, Newport**
Client Project Number:	**F15285**
Your Order Number:	**F15285**
Order Receipt Date:	**18/07/08**
Reporting Date:	**Thursday 31 July 2008**

If you have any queries regarding this report please contact our Customer Services Section

ECõS Environmental Limited
Low Moor Business Park, Common Road, Bradford BD12 0NB
Tel: 01274 691122 Fax: 01274 608100

Client Project Name: Durham Road, Newport | **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 | **Reporting Date: Thursday 31 July 2008**

Comments

All analyses are carried out using the laboratory's standard methods unless otherwise agreed.

The test results in this report refer only to the actual samples on which testing has been performed.

Any opinions and/or interpretations expressed herein are outside the scope of the testing laboratory's UKAS accreditation.

The test report shall not be reproduced, except in full, without the testing laboratory's written approval.

This testing laboratory cannot be held responsible for the condition or suitability of samples submitted for testing by a third party or for the competency of personnel other than its own staff.

This testing laboratory cannot be held responsible for the accuracy of test sample locations or descriptions when supplied by a third party.

Soil Samples

Results are expressed on a dried mass basis. Assisted drying carried out @ 40°C.

See key in Notes section for explanation of numerical categories for asbestos results, if applicable.

All material is crushed if possible after assisted drying. Material which cannot be crushed is removed prior to analysis. See Notes section for details, if applicable.

Samples submitted for leachate determination were prepared using agreed procedures and analysed using UKAS accredited methodology where appropriate.

Results are expressed without correction for recovery factors.

Results marked with a ^{U} are UKAS accredited.

Sample Pretreatment (as listed in method statement)

AD = Assisted drying @ 40°C R = As Received

Sample Type

B = Bulk disturbed sample
C = Core Sample
D = Small disturbed sample
ES = Environmental Soil Sample
P = Piston sample
U = Undisturbed sample - open drive
W = Water Sample
EW = Environmental Water Sample

Sample Results

Analysis not requested
*** Test not completed. Please see notes on last page

Signed:_____

For and on behalf of ECõS Environmental Limited

Approved signatories:

Name	Position
J R Brown	Business Development Manager
L Dewell	Production Manager
J Stoddart	Technical Manager

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Thursday 31 July 2008

Water Samples

Method Statement

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
pH	pH-meter	R	N/A	No	25/07/08
Phenols	HPLC-EC	R	0.5 ug/l	No	25/07/08
PAH (sum of PAH 17)	GC-MS	R	0.02 ug/l	No	25/07/08
Naphthalene	GC-MS	R	0.02 ug/l	No	28/07/08
Acenaphthylene	GC-MS	R	0.02 ug/l	No	25/07/08
Acenaphthene	GC-MS	R	0.02 ug/l	No	25/07/08
Fluorene	GC-MS	R	0.02 ug/l	No	25/07/08
Phenanthrene	GC-MS	R	0.02 ug/l	No	25/07/08
Anthracene	GC-MS	R	0.02 ug/l	No	25/07/08
Fluoranthene	GC-MS	R	0.02 ug/l	No	25/07/08
Pyrene	GC-MS	R	0.02 ug/l	No	25/07/08
Benzo(a)anthracene	GC-MS	R	0.01 ug/l	No	25/07/08
Chrysene	GC-MS	R	0.01 ug/l	No	25/07/08
Benzo(b)+(j)fluoranthene	GC-MS	R	0.01 ug/l	No	25/07/08
Benzo(k)fluoranthene	GC-MS	R	0.01 ug/l	No	25/07/08
Benzo(a)pyrene	GC-MS	R	0.01 ug/l	No	25/07/08
Indeno(1,2,3-cd)pyrene	GC-MS	R	0.01 ug/l	No	25/07/08
Dibenz(a,h)anthracene	GC-MS	R	0.01 ug/l	No	25/07/08
Benzo(g,h,i)perylene	GC-MS	R	0.01 ug/l	No	25/07/08
Arsenic	ICP-MS	R	0.2 ug/l	No	24/07/08
Cadmium	ICP-MS	R	0.01 ug/l	No	24/07/08
Chromium	ICP-MS	R	0.07 ug/l	No	24/07/08
Lead	ICP-MS	R	0.2 ug/l	No	24/07/08
Mercury	ICP-MS	R	0.02 ug/l	No	24/07/08
Nickel	ICP-MS	R	0.5 ug/l	No	24/07/08
Selenium	ICP-MS	R	0.5 ug/l	No	24/07/08
Benzene	HS-GC-MS	R	1 ug/l	No	25/07/08
Toluene	HS-GC-MS	R	1 ug/l	No	25/07/08
Ethylbenzene	HS-GC-MS	R	1 ug/l	No	25/07/08
m+p-Xylene	HS-GC-MS	R	2 ug/l	No	25/07/08
o-Xylene	HS-GC-MS	R	1 ug/l	No	25/07/08
TPH	GC-FID	R	0.05 mg/l	No	25/07/08
TPH EC5-EC6	HS-GC-FID	R	0.01 mg/l	No	23/07/08
TPH EC6-EC8	HS-GC-FID	R	0.01 mg/l	No	23/07/08
TPH EC8-EC10	HS-GC-FID	R	0.01 mg/l	No	23/07/08
TPH EC10-EC12	GC-FID	R	0.01 mg/l	No	25/07/08
TPH EC12-EC16	GC-FID	R	0.01 mg/l	No	25/07/08
TPH EC16-EC21	GC-FID	R	0.01 mg/l	No	25/07/08
TPH EC21-EC35	GC-FID	R	0.05 mg/l	No	25/07/08
TPH EC35-EC40	GC-FID	R	0.05 mg/l	No	25/07/08
Polychlorinated biphenyl BZ#28	GC/MS (HR)	R	0.005 ug/l	Yes	29/07/08
Polychlorinated biphenyl BZ#52	GC/MS (HR)	R	0.005 ug/l	Yes	29/07/08

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Thursday 31 July 2008

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
Polychlorinated biphenyl BZ#101	GC/MS (HR)	R	0.005 ug/l	Yes	29/07/08
Polychlorinated biphenyl BZ#118	GC/MS (HR)	R	0.005 ug/l	Yes	29/07/08
Polychlorinated biphenyl BZ#153	GC/MS (HR)	R	0.005 ug/l	Yes	29/07/08
Polychlorinated biphenyl BZ#138	GC/MS (HR)	R	0.005 ug/l	Yes	29/07/08
Polychlorinated biphenyl BZ#180	GC/MS (HR)	R	0.005 ug/l	Yes	29/07/08

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Thursday 31 July 2008

Sample Location / Identification		BH601	BH602	BH603	BH604	BH604A
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled		17/07/08	17/07/08	17/07/08	17/07/08	
Receipt Date		18/07/08	18/07/08	18/07/08	18/07/08	18/07/08
ECõS Sample ID		S0807987	S0807988	S0807989	S0807990	S0807991
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
pH	N/A	7.4	7.2	7.2	7.3	7.9
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	0.03	0.02	<0.02	<0.02	<0.02
Naphthalene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluorene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Phenanthrene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Anthracene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluoranthene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Pyrene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Benzo(a)anthracene	ug/l	0.01	0.01	<0.01	<0.01	<0.01
Chrysene	ug/l	0.01	0.01	<0.01	<0.01	<0.01
Benzo(b)+(j)fluoranthene	ug/l	0.01	<0.01	<0.01	<0.01	<0.01
Benzo(k)fluoranthene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)pyrene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Arsenic	ug/l	0.9 U	2.1 U	2.8 U	0.2 U	26.1 U
Cadmium	ug/l	0.30 U	0.06 U	0.22 U	0.25 U	0.02 U
Chromium	ug/l	0.97 U	1.39 U	0.49 U	1.81 U	11.82 U
Lead	ug/l	2.6 U	3.7 U	0.3 U	0.2 U	<0.2 U
Mercury	ug/l	0.03 U	<0.02 U	<0.02 U	<0.02 U	0.02 U
Nickel	ug/l	10.1 U	7.8 U	9.2 U	15.1 U	0.7 U
Selenium	ug/l	1.8 U	<0.5 U	3.1 U	0.7 U	8.0 U
Benzene	ug/l	<1	<1	<1	<1	<1
Toluene	ug/l	<1	<1	<1	<1	<1
Ethylbenzene	ug/l	<1	<1	<1	<1	<1
m+p-Xylene	ug/l	<2	<2	<2	<2	<2
o-Xylene	ug/l	<1	<1	<1	<1	<1
TPH	mg/l	<0.10	<0.10	<0.10	<0.10	<0.10
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Thursday 31 July 2008

Sample Location / Identification		BH601	BH602	BH603	BH604	BH604A
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled		17/07/08	17/07/08	17/07/08	17/07/08	
Receipt Date		18/07/08	18/07/08	18/07/08	18/07/08	18/07/08
ECõS Sample ID		S0807987	S0807988	S0807989	S0807990	S0807991
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC10-EC12	mg/l	<0.02	<0.02	<0.02	<0.02	<0.02
TPH EC12-EC16	mg/l	<0.02	<0.02	<0.02	<0.02	<0.02
TPH EC16-EC21	mg/l	<0.02	<0.02	<0.02	<0.02	<0.02
TPH EC21-EC35	mg/l	<0.10	<0.10	<0.10	<0.10	<0.10
TPH EC35-EC40	mg/l	<0.10	<0.10	<0.10	<0.10	<0.10
Polychlorinated biphenyl BZ#28	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#52	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#101	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#118	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#153	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#138	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#180	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Thursday 31 July 2008

Sample Location / Identification		BH605	BH606A	BH607	BH608	GW101
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled		17/07/08	17/07/08	17/07/08	17/07/08	17/07/08
Receipt Date		18/07/08	18/07/08	18/07/08	18/07/08	18/07/08
ECõS Sample ID		S0807992	S0807993	S0807994	S0807995	S0807996
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
pH	N/A	7.5	7.6	7.6	7.2	7.6
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	0.05	<0.02	<0.02	0.66	69.40
Naphthalene	ug/l	0.05	<0.02	<0.02	0.06	<5.00
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02	<5.00
Acenaphthene	ug/l	<0.02	<0.02	<0.02	0.33	<5.00
Fluorene	ug/l	<0.02	<0.02	<0.02	0.06	<5.00
Phenanthrene	ug/l	<0.02	<0.02	<0.02	<0.02	12.10
Anthracene	ug/l	<0.02	<0.02	<0.02	<0.02	<10.0
Fluoranthene	ug/l	<0.02	<0.02	<0.02	0.04	13.25
Pyrene	ug/l	<0.02	<0.02	<0.02	0.03	17.93
Benzo(a)anthracene	ug/l	<0.01	<0.01	<0.01	0.03	3.45
Chrysene	ug/l	<0.01	<0.01	<0.01	0.02	5.83
Benzo(b)+(j)fluoranthene	ug/l	<0.01	<0.01	<0.01	0.03	4.80
Benzo(k)fluoranthene	ug/l	<0.01	<0.01	<0.01	<0.01	1.65
Benzo(a)pyrene	ug/l	<0.01	<0.01	<0.01	0.02	4.05
Indeno(1,2,3-cd)pyrene	ug/l	<0.01	<0.01	<0.01	0.01	3.35
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.25
Benzo(g,h,i)perylene	ug/l	<0.01	<0.01	<0.01	0.02	3.00
Arsenic	ug/l	1.4 U	7.3 U	6.8 U	1.5 U	3.6 U
Cadmium	ug/l	0.47 U	0.04 U	0.03 U	<0.01 U	0.03 U
Chromium	ug/l	1.39 U	12.81 U	13.18 U	2.59 U	1.95 U
Lead	ug/l	<0.2 U	0.4 U	0.6 U	0.3 U	2.5 U
Mercury	ug/l	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.02 U
Nickel	ug/l	31.3 U	1.7 U	1.8 U	5.9 U	5.2 U
Selenium	ug/l	1.6 U	10.1 U	10.2 U	0.6 U	1.6 U
Benzene	ug/l	<1	<1	<1	<1	65
Toluene	ug/l	<1	<1	<1	<1	<1
Ethylbenzene	ug/l	<1	<1	<1	<1	3
m+p-Xylene	ug/l	<2	<2	<2	<2	<2
o-Xylene	ug/l	<1	<1	<1	<1	<1
TPH	mg/l	<0.10	<0.10	<0.10	<0.10	79.78
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	0.08

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Thursday 31 July 2008

Sample Location / Identification		BH605	BH606A	BH607	BH608	GW101
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled		17/07/08	17/07/08	17/07/08	17/07/08	17/07/08
Receipt Date		18/07/08	18/07/08	18/07/08	18/07/08	18/07/08
ECõS Sample ID		S0807992	S0807993	S0807994	S0807995	S0807996
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	0.20
TPH EC10-EC12	mg/l	<0.02	<0.02	<0.02	<0.02	3.21
TPH EC12-EC16	mg/l	<0.02	<0.02	<0.02	<0.02	25.46
TPH EC16-EC21	mg/l	<0.02	<0.02	<0.02	<0.02	26.94
TPH EC21-EC35	mg/l	<0.10	<0.10	<0.10	<0.10	19.48
TPH EC35-EC40	mg/l	<0.10	<0.10	<0.10	<0.10	4.68
Polychlorinated biphenyl BZ#28	µg/l	<0.005	<0.005	<0.005	<0.005	0.07
Polychlorinated biphenyl BZ#52	µg/l	<0.005	<0.005	<0.005	<0.005	0.27
Polychlorinated biphenyl BZ#101	µg/l	<0.005	<0.005	<0.005	<0.005	0.25
Polychlorinated biphenyl BZ#118	µg/l	<0.005	<0.005	<0.005	<0.005	0.11
Polychlorinated biphenyl BZ#153	µg/l	<0.005	<0.005	<0.005	<0.005	0.11
Polychlorinated biphenyl BZ#138	µg/l	<0.005	<0.005	<0.005	<0.005	0.13
Polychlorinated biphenyl BZ#180	µg/l	<0.005	<0.005	<0.005	<0.005	0.05

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Thursday 31 July 2008

Notes and Preservation Details

PCB analyses undertaken by UKAS laboratory number 1549.

End of Test Report

Client: **Norwest Holst Ltd - Soil Engineering Div**
Parkside Lane
Dewsbury Road
LEEDS
West Yorkshire
LS11 5SX

FAO: Mr C Wilkinson

Test Report Number: R08/1316

Client Project Name:	**Durham Road, Newport**
Client Project Number:	**F15285**
Your Order Number:	**F15285**
Order Receipt Date:	**25/07/08**
Reporting Date:	**Thursday 14 August 2008**

If you have any queries regarding this report please contact our Customer Services Section

ECõS Environmental Limited
Low Moor Business Park, Common Road, Bradford BD12 0NB
Tel: 01274 691122 Fax: 01274 608100

Client Project Name: Durham Road, Newport | **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 | **Reporting Date: Thursday 14 August 2008**

Comments

All analyses are carried out using the laboratory's standard methods unless otherwise agreed.

The test results in this report refer only to the actual samples on which testing has been performed.

Any opinions and/or interpretations expressed herein are outside the scope of the testing laboratory's UKAS accreditation.

The test report shall not be reproduced, except in full, without the testing laboratory's written approval.

This testing laboratory cannot be held responsible for the condition or suitability of samples submitted for testing by a third party or for the competency of personnel other than its own staff.

This testing laboratory cannot be held responsible for the accuracy of test sample locations or descriptions when supplied by a third party.

Soil Samples

Results are expressed on a dried mass basis. Assisted drying carried out @ 40°C.

See key in Notes section for explanation of numerical categories for asbestos results, if applicable.

All material is crushed if possible after assisted drying. Material which cannot be crushed is removed prior to analysis. See Notes section for details, if applicable.

Samples submitted for leachate determination were prepared using agreed procedures and analysed using UKAS accredited methodology where appropriate.

Results are expressed without correction for recovery factors.

Results marked with a ^{U} are UKAS accredited.

Sample Pretreatment (as listed in method statement)

AD = Assisted drying @ 40°C R = As Received

Sample Type

B = Bulk disturbed sample
C = Core Sample
D = Small disturbed sample
ES = Environmental Soil Sample
P = Piston sample
U = Undisturbed sample - open drive
W = Water Sample
EW = Environmental Water Sample

Sample Results

Analysis not requested
*** Test not completed. Please see notes on last page

Signed:_____

For and on behalf of ECõS Environmental Limited

Approved signatories:

Name	Position
J R Brown	Business Development Manager
L Dewell	Production Manager
J Stoddart	Technical Manager

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Thursday 14 August 2008

Water Samples

Method Statement

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
pH	pH-meter	R	N/A	No	06/08/08
Phenols	HPLC-EC	R	0.5 ug/l	No	07/08/08
PAH (sum of PAH 17)	GC-MS	R	0.02 ug/l	No	13/08/08
Naphthalene	GC-MS	R	0.02 ug/l	No	13/08/08
Acenaphthylene	GC-MS	R	0.02 ug/l	No	13/08/08
Acenaphthene	GC-MS	R	0.02 ug/l	No	13/08/08
Fluorene	GC-MS	R	0.02 ug/l	No	13/08/08
Phenanthrene	GC-MS	R	0.02 ug/l	No	13/08/08
Anthracene	GC-MS	R	0.02 ug/l	No	13/08/08
Fluoranthene	GC-MS	R	0.02 ug/l	No	13/08/08
Pyrene	GC-MS	R	0.02 ug/l	No	13/08/08
Benzo(a)anthracene	GC-MS	R	0.01 ug/l	No	13/08/08
Chrysene	GC-MS	R	0.01 ug/l	No	13/08/08
Benzo(b)+(j)fluoranthene	GC-MS	R	0.01 ug/l	No	13/08/08
Benzo(k)fluoranthene	GC-MS	R	0.01 ug/l	No	13/08/08
Benzo(a)pyrene	GC-MS	R	0.01 ug/l	No	13/08/08
Indeno(1,2,3-cd)pyrene	GC-MS	R	0.01 ug/l	No	13/08/08
Dibenz(a,h)anthracene	GC-MS	R	0.01 ug/l	No	13/08/08
Benzo(g,h,i)perylene	GC-MS	R	0.01 ug/l	No	13/08/08
Arsenic	ICP-MS	R	0.2 ug/l	No	07/08/08
Cadmium	ICP-MS	R	0.01 ug/l	No	07/08/08
Chromium	ICP-MS	R	0.07 ug/l	No	07/08/08
Lead	ICP-MS	R	0.2 ug/l	No	07/08/08
Mercury	ICP-MS	R	0.02 ug/l	No	07/08/08
Nickel	ICP-MS	R	0.5 ug/l	No	07/08/08
Selenium	ICP-MS	R	0.5 ug/l	No	07/08/08
Benzene	HS-GC-MS	R	1 ug/l	No	07/08/08
Toluene	HS-GC-MS	R	1 ug/l	No	07/08/08
Ethylbenzene	HS-GC-MS	R	1 ug/l	No	07/08/08
m+p-Xylene	HS-GC-MS	R	2 ug/l	No	07/08/08
o-Xylene	HS-GC-MS	R	1 ug/l	No	07/08/08
TPH	GC-FID	R	0.05 mg/l	No	13/08/08
TPH EC10-EC12	GC-FID	R	0.01 mg/l	No	13/08/08
TPH EC12-EC16	GC-FID	R	0.01 mg/l	No	13/08/08
TPH EC16-EC21	GC-FID	R	0.01 mg/l	No	13/08/08
TPH EC21-EC35	GC-FID	R	0.05 mg/l	No	13/08/08
TPH EC35-EC40	GC-FID	R	0.05 mg/l	No	13/08/08
TPH EC5-EC6	HS-GC-FID	R	0.01 mg/l	No	07/08/08
TPH EC6-EC8	HS-GC-FID	R	0.01 mg/l	No	07/08/08
TPH EC8-EC10	HS-GC-FID	R	0.01 mg/l	No	07/08/08
Polychlorinated biphenyl BZ#101	GC-MS (HR)	R	0.005 ug/l	Yes	05/08/08
Polychlorinated biphenyl BZ#118	GC-MS (HR)	R	0.005 ug/l	Yes	05/08/08

Client Project Name: Durham Road, Newport **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 **Reporting Date: Thursday 14 August 2008**

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
Polychlorinated biphenyl BZ#138	GC-MS (HR)	R	0.005 ug/l	Yes	05/08/08
Polychlorinated biphenyl BZ#153	GC-MS (HR)	R	0.005 ug/l	Yes	05/08/08
Polychlorinated biphenyl BZ#180	GC-MS (HR)	R	0.005 ug/l	Yes	05/08/08
Polychlorinated biphenyl BZ#28	GC-MS (HR)	R	0.005 ug/l	Yes	05/08/08
Polychlorinated biphenyl BZ#52	GC-MS (HR)	R	0.005 ug/l	Yes	05/08/08

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Thursday 14 August 2008

Sample Location / Identification		BH603	BH608	BH604	BH606A	BH604A
Top Depth / m		2.21	1.85	2.38	5.18	7.50
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled		24/07/08	24/07/08	24/07/08	24/07/08	24/07/08
Receipt Date		25/07/08	25/07/08	25/07/08	25/07/08	25/07/08
ECõS Sample ID		S0808331	S0808332	S0808333	S0808334	S0808335
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
pH	N/A	6.7	6.9	6.8	7.3	7.6
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	0.64	1.22	0.16	0.05	0.04
Naphthalene	ug/l	<0.02	0.10	<0.02	<0.02	0.02
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	0.38	<0.02	<0.02	<0.02
Fluorene	ug/l	<0.02	0.06	<0.02	<0.02	<0.02
Phenanthrene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Anthracene	ug/l	<0.02	0.02	<0.02	<0.02	<0.02
Fluoranthene	ug/l	0.05	0.10	0.04	<0.02	<0.02
Pyrene	ug/l	0.04	0.09	0.03	<0.02	<0.02
Benzo(a)anthracene	ug/l	0.06	0.07	0.02	<0.01	<0.01
Chrysene	ug/l	0.08	0.07	0.01	<0.01	<0.01
Benzo(b)+(j)fluoranthene	ug/l	0.11	0.10	0.02	<0.01	<0.01
Benzo(k)fluoranthene	ug/l	0.05	0.03	<0.01	<0.01	<0.01
Benzo(a)pyrene	ug/l	0.07	0.07	0.01	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	0.05	0.05	<0.01	<0.01	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	0.08	0.06	0.01	<0.01	<0.01
Arsenic	ug/l	3.3 U	1.5 U	0.4 U	9.9 U	23.2 U
Cadmium	ug/l	0.25 U	<0.01 U	0.41 U	0.05 U	0.03 U
Chromium	ug/l	2.58 U	<0.7* U	<0.7* U	3.90 U	6.20 U
Lead	ug/l	0.3 U	<0.2 U	0.2 U	<0.2 U	<0.2 U
Mercury	ug/l	<0.02 U	<0.02 U	<0.02 U	0.03 U	0.07 U
Nickel	ug/l	14.1 U	6.0 U	33.6 U	3.4 U	1.4 U
Selenium	ug/l	3.6 U	0.8 U	1.5 U	0.9 U	0.7 U
Benzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Toluene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Ethylbenzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
m+p-Xylene	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
o-Xylene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
TPH	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Thursday 14 August 2008

Sample Location / Identification		BH603	BH608	BH604	BH606A	BH604A
Top Depth / m		2.21	1.85	2.38	5.18	7.50
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled		24/07/08	24/07/08	24/07/08	24/07/08	24/07/08
Receipt Date		25/07/08	25/07/08	25/07/08	25/07/08	25/07/08
ECõS Sample ID		S0808331	S0808332	S0808333	S0808334	S0808335
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
TPH EC16-EC21	mg/l	<0.01	0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#101	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#118	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#138	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#153	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#180	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#28	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#52	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Thursday 14 August 2008

Sample Location / Identification	Bowser
Top Depth / m	
Bottom Depth / m	
Sample No.	
Sample Type	
Date Sampled	24/07/08
Receipt Date	25/07/08
ECõS Sample ID	S0808336
Matrix Type	Other Water

Determinand	Units	
pH	N/A	8.3
Phenols	ug/l	<0.5
PAH (sum of PAH 17)	ug/l	<0.02
Naphthalene	ug/l	<0.02
Acenaphthylene	ug/l	<0.02
Acenaphthene	ug/l	<0.02
Fluorene	ug/l	<0.02
Phenanthrene	ug/l	<0.02
Anthracene	ug/l	<0.02
Fluoranthene	ug/l	<0.02
Pyrene	ug/l	<0.02
Benzo(a)anthracene	ug/l	<0.01
Chrysene	ug/l	<0.01
Benzo(b)+(j)fluoranthene	ug/l	<0.01
Benzo(k)fluoranthene	ug/l	<0.01
Benzo(a)pyrene	ug/l	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01
Benzo(g,h,i)perylene	ug/l	<0.01
Arsenic	ug/l	5.1
Cadmium	ug/l	0.1
Chromium	ug/l	13.4
Lead	ug/l	<2.0
Mercury	ug/l	0.5
Nickel	ug/l	5.2
Selenium	ug/l	<5.0
Benzene	ug/l	<1
Toluene	ug/l	<1
Ethylbenzene	ug/l	<1
m+p-Xylene	ug/l	<2
o-Xylene	ug/l	<1
TPH	mg/l	<0.05
TPH EC10-EC12	mg/l	<0.01
TPH EC12-EC16	mg/l	<0.01
TPH EC16-EC21	mg/l	<0.01

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Thursday 14 August 2008

Sample Location / Identification	Bowser
Top Depth / m	
Bottom Depth / m	
Sample No.	
Sample Type	
Date Sampled	24/07/08
Receipt Date	25/07/08
ECõS Sample ID	S0808336
Matrix Type	Other Water

Determinand	Units	
TPH EC21-EC35	mg/l	<0.05
TPH EC35-EC40	mg/l	<0.05
TPH EC5-EC6	mg/l	<0.01
TPH EC6-EC8	mg/l	<0.01
TPH EC8-EC10	mg/l	<0.01
Polychlorinated biphenyl BZ#101	ug/l	<0.005
Polychlorinated biphenyl BZ#118	ug/l	<0.005
Polychlorinated biphenyl BZ#138	ug/l	<0.005
Polychlorinated biphenyl BZ#153	ug/l	<0.005
Polychlorinated biphenyl BZ#180	ug/l	<0.005
Polychlorinated biphenyl BZ#28	ug/l	<0.005
Polychlorinated biphenyl BZ#52	ug/l	<0.005

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Thursday 14 August 2008

Notes and Preservation Details

PCB analyses undertaken by UKAS laboratory number 1549.

*LOD raised due to dilution prior to analysis.

End of Test Report

Client: **Norwest Holst Ltd - Soil Engineering Div**
Parkside Lane
Dewsbury Road
LEEDS
West Yorkshire
LS11 5SX

FAO: Mr C Wilkinson

Test Report Number: R08/1372

Client Project Name:	**Durham Road, Newport**
Client Project Number:	**F15285**
Your Order Number:	**F15285**
Order Receipt Date:	**04/08/08**
Reporting Date:	**Wednesday 20 August 2008**

If you have any queries regarding this report please contact our Customer Services Section

ECõS Environmental Limited
Low Moor Business Park, Common Road, Bradford BD12 0NB
Tel: 01274 691122 Fax: 01274 608100

Client Project Name: Durham Road, Newport | **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 | **Reporting Date: Wednesday 20 August 2008**

Comments

All analyses are carried out using the laboratory's standard methods unless otherwise agreed.

The test results in this report refer only to the actual samples on which testing has been performed.

Any opinions and/or interpretations expressed herein are outside the scope of the testing laboratory's UKAS accreditation.

The test report shall not be reproduced, except in full, without the testing laboratory's written approval.

This testing laboratory cannot be held responsible for the condition or suitability of samples submitted for testing by a third party or for the competency of personnel other than its own staff.

This testing laboratory cannot be held responsible for the accuracy of test sample locations or descriptions when supplied by a third party.

Soil Samples

Results are expressed on a dried mass basis. Assisted drying carried out @ 40°C.

See key in Notes section for explanation of numerical categories for asbestos results, if applicable.

All material is crushed if possible after assisted drying. Material which cannot be crushed is removed prior to analysis. See Notes section for details, if applicable.

Samples submitted for leachate determination were prepared using agreed procedures and analysed using UKAS accredited methodology where appropriate.

Results are expressed without correction for recovery factors.

Results marked with a ^{U} are UKAS accredited.

Sample Pretreatment (as listed in method statement)

AD = Assisted drying @ 40°C R = As Received

Sample Type

B = Bulk disturbed sample
C = Core Sample
D = Small disturbed sample
ES = Environmental Soil Sample
P = Piston sample
U = Undisturbed sample - open drive
W = Water Sample
EW = Environmental Water Sample

Sample Results

Analysis not requested
*** Test not completed. Please see notes on last page

Signed:_____

For and on behalf of ECõS Environmental Limited

Approved signatories:

Name	Position
J R Brown	Business Development Manager
L Dewell	Production Manager
J Stoddart	Technical Manager

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Wednesday 20 August 2008

Water Samples

Method Statement

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
pH	pH-meter	R	N/A	No	15/08/08
Phenols	HPLC-EC	R	0.5 ug/l	No	20/08/08
PAH (sum of PAH 17)	GC-MS	R	0.02 ug/l	No	15/08/08
Naphthalene	GC-MS	R	0.02 ug/l	No	15/08/08
Acenaphthylene	GC-MS	R	0.02 ug/l	No	15/08/08
Acenaphthene	GC-MS	R	0.02 ug/l	No	15/08/08
Fluorene	GC-MS	R	0.02 ug/l	No	15/08/08
Phenanthrene	GC-MS	R	0.02 ug/l	No	15/08/08
Anthracene	GC-MS	R	0.02 ug/l	No	15/08/08
Fluoranthene	GC-MS	R	0.02 ug/l	No	15/08/08
Pyrene	GC-MS	R	0.02 ug/l	No	15/08/08
Benzo(a)anthracene	GC-MS	R	0.01 ug/l	No	15/08/08
Chrysene	GC-MS	R	0.01 ug/l	No	15/08/08
Benzo(b)+(j)fluoranthene	GC-MS	R	0.01 ug/l	No	15/08/08
Benzo(k)fluoranthene	GC-MS	R	0.01 ug/l	No	15/08/08
Benzo(a)pyrene	GC-MS	R	0.01 ug/l	No	15/08/08
Indeno(1,2,3-cd)pyrene	GC-MS	R	0.01 ug/l	No	15/08/08
Dibenz(a,h)anthracene	GC-MS	R	0.01 ug/l	No	15/08/08
Benzo(g,h,i)perylene	GC-MS	R	0.01 ug/l	No	15/08/08
Arsenic	ICP-MS	R	0.2 ug/l	No	15/08/08
Cadmium	ICP-MS	R	0.01 ug/l	No	15/08/08
Chromium	ICP-MS	R	0.07 ug/l	No	15/08/08
Lead	ICP-MS	R	0.2 ug/l	No	15/08/08
Mercury	ICP-MS	R	0.02 ug/l	No	15/08/08
Nickel	ICP-MS	R	0.5 ug/l	No	15/08/08
Selenium	ICP-MS	R	0.5 ug/l	No	15/08/08
Benzene	HS-GC-MS	R	1 ug/l	No	15/08/08
Toluene	HS-GC-MS	R	1 ug/l	No	15/08/08
Ethylbenzene	HS-GC-MS	R	1 ug/l	No	15/08/08
m+p-Xylene	HS-GC-MS	R	2 ug/l	No	15/08/08
o-Xylene	HS-GC-MS	R	1 ug/l	No	15/08/08
TPH	GC-FID	R	0.05 mg/l	No	15/08/08
TPH EC10-EC12	GC-FID	R	0.01 mg/l	No	15/08/08
TPH EC12-EC16	GC-FID	R	0.01 mg/l	No	15/08/08
TPH EC16-EC21	GC-FID	R	0.01 mg/l	No	15/08/08
TPH EC21-EC35	GC-FID	R	0.05 mg/l	No	15/08/08
TPH EC35-EC40	GC-FID	R	0.05 mg/l	No	15/08/08
TPH EC5-EC6	HS-GC-FID	R	0.01 mg/l	No	15/08/08
TPH EC6-EC8	HS-GC-FID	R	0.01 mg/l	No	15/08/08
TPH EC8-EC10	HS-GC-FID	R	0.01 mg/l	No	15/08/08
Polychlorinated biphenyl BZ#28	GC-MS	R	0.005 ug/l	Yes	12/08/08
Polychlorinated biphenyl BZ#52	GC-MS	R	0.005 ug/l	Yes	12/08/08

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Wednesday 20 August 2008

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
Polychlorinated biphenyl BZ#101	GC-MS	R	0.005 ug/l	Yes	12/08/08
Polychlorinated biphenyl BZ#118	GC-MS	R	0.005 ug/l	Yes	12/08/08
Polychlorinated biphenyl BZ#153	GC-MS	R	0.005 ug/l	Yes	12/08/08
Polychlorinated biphenyl BZ#138	GC-MS	R	0.005 ug/l	Yes	12/08/08
Polychlorinated biphenyl BZ#180	GC-MS	R	0.005 ug/l	Yes	12/08/08

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Wednesday 20 August 2008

Sample Location / Identification		BH601	BH602	BH603	BH604	BH604A
Top Depth / m		1.96	2.12	2.22	2.15	6.91
Bottom Depth / m						
Sample No.						
Sample Type		W	W	W	W	W
Date Sampled		31/07/08	31/07/08	31/07/08	31/07/08	31/07/08
Receipt Date		04/08/08	04/08/08	04/08/08	04/08/08	04/08/08
ECõS Sample ID		S0808790	S0808791	S0808792	S0808793	S0808794
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
pH	N/A	7.2	7.0	6.9	7.3	7.7
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	0.49	0.98	1.46	0.11	0.03
Naphthalene	ug/l	<0.02	0.03	<0.02	<0.02	0.02
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluorene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Phenanthrene	ug/l	0.03	0.04	0.04	0.02	<0.02
Anthracene	ug/l	<0.02	<0.02	0.03	<0.02	<0.02
Fluoranthene	ug/l	0.05	0.09	0.08	<0.02	<0.02
Pyrene	ug/l	0.05	0.08	0.08	<0.02	<0.02
Benzo(a)anthracene	ug/l	0.04	0.10	0.12	<0.01	<0.01
Chrysene	ug/l	0.05	0.10	0.17	<0.01	<0.01
Benzo(b)+(j)fluoranthene	ug/l	0.08	0.16	0.29	0.01	<0.01
Benzo(k)fluoranthene	ug/l	0.03	0.07	0.07	<0.01	<0.01
Benzo(a)pyrene	ug/l	0.06	0.10	0.15	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	0.03	0.11	0.19	<0.01	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	0.02	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	0.04	0.08	0.21	<0.01	<0.01
Arsenic	ug/l	0.5 U	<0.2 U	3.1 U	0.2 U	16.6 U
Cadmium	ug/l	0.32 U	0.09 U	0.22 U	0.29 U	0.07 U
Chromium	ug/l	3.74 U	3.22 U	2.73 U	3.70 U	14.45 U
Lead	ug/l	0.2 U	0.8 U	0.2 U	0.7 U	0.2 U
Mercury	ug/l	0.03 U	<0.02 U	<0.02 U	<0.02 U	0.03 U
Nickel	ug/l	16.1 U	8.8 U	10.3 U	16.9 U	1.1 U
Selenium	ug/l	1.2 U	0.7 U	5.5 U	1.0 U	7.3 U
Benzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Toluene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Ethylbenzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
m+p-Xylene	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
o-Xylene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
TPH	mg/l	<0.05	0.09	0.09	<0.1*	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.02*	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.02*	<0.01

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Wednesday 20 August 2008

Sample Location / Identification		BH601	BH602	BH603	BH604	BH604A
Top Depth / m		1.96	2.12	2.22	2.15	6.91
Bottom Depth / m						
Sample No.						
Sample Type		W	W	W	W	W
Date Sampled		31/07/08	31/07/08	31/07/08	31/07/08	31/07/08
Receipt Date		04/08/08	04/08/08	04/08/08	04/08/08	04/08/08
ECõS Sample ID		S0808790	S0808791	S0808792	S0808793	S0808794
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
TPH EC16-EC21	mg/l	<0.01	0.01	<0.01	<0.02*	<0.01
TPH EC21-EC35	mg/l	<0.05	0.07	0.07	<0.1*	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.1*	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#52	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#101	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#118	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#153	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#138	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#180	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Wednesday 20 August 2008

Sample Location / Identification		BH605	BH606A	BH607	BH608	SM1
Top Depth / m		2.81	5.12	1.70	0.62	
Bottom Depth / m						
Sample No.						
Sample Type		W	W	W	W	W
Date Sampled		31/07/08	31/07/08	31/07/08	31/07/08	30/07/08
Receipt Date		04/08/08	04/08/08	04/08/08	04/08/08	04/08/08
ECõS Sample ID		S0808795	S0808796	S0808797	S0808798	S0808799
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
pH	N/A	7.5	7.4	7.3	7.2	6.9
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	0.69	0.04	0.49	2.18	3.84
Naphthalene	ug/l	<0.02	<0.02	<0.02	0.11	0.03
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	<0.02	0.48	0.06
Fluorene	ug/l	<0.02	<0.02	<0.02	0.13	0.05
Phenanthrene	ug/l	0.06	<0.02	0.03	0.06	0.31
Anthracene	ug/l	<0.02	<0.02	<0.02	0.03	0.18
Fluoranthene	ug/l	0.10	<0.02	0.07	0.17	0.63
Pyrene	ug/l	0.08	<0.02	0.06	0.13	0.52
Benzo(a)anthracene	ug/l	0.05	<0.01	0.05	0.12	0.25
Chrysene	ug/l	0.05	<0.01	0.06	0.13	0.36
Benzo(b)+(j)fluoranthene	ug/l	0.09	<0.01	0.07	0.24	0.51
Benzo(k)fluoranthene	ug/l	0.04	<0.01	0.04	0.07	0.14
Benzo(a)pyrene	ug/l	0.07	<0.01	0.04	0.17	0.25
Indeno(1,2,3-cd)pyrene	ug/l	0.05	<0.01	0.02	0.15	0.29
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	0.04	0.05
Benzo(g,h,i)perylene	ug/l	0.04	<0.01	0.04	0.12	0.18
Arsenic	ug/l	1.8 U	11.2 U	0.2 U	0.8 U	1.6 U
Cadmium	ug/l	0.09 U	0.02 U	0.15 U	<0.01 U	<0.01 U
Chromium	ug/l	6.65 U	17.21 U	3.80 U	3.92 U	1.79 U
Lead	ug/l	0.3 U	0.4 U	0.3 U	0.2 U	<0.2 U
Mercury	ug/l	0.04 U	0.02 U	<0.02 U	<0.02 U	<0.02 U
Nickel	ug/l	10.1 U	2.3 U	4.0 U	3.7 U	2.7 U
Selenium	ug/l	3.6 U	9.7 U	2.5 U	1.2 U	1.0 U
Benzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Toluene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Ethylbenzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
m+p-Xylene	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
o-Xylene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
TPH	mg/l	<0.1*	<0.05	0.19	0.14	5.07
TPH EC10-EC12	mg/l	<0.02*	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.02*	<0.01	<0.01	<0.01	0.07

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Wednesday 20 August 2008

Sample Location / Identification		BH605	BH606A	BH607	BH608	SM1
Top Depth / m		2.81	5.12	1.70	0.62	
Bottom Depth / m						
Sample No.						
Sample Type		W	W	W	W	W
Date Sampled		31/07/08	31/07/08	31/07/08	31/07/08	30/07/08
Receipt Date		04/08/08	04/08/08	04/08/08	04/08/08	04/08/08
ECõS Sample ID		S0808795	S0808796	S0808797	S0808798	S0808799
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
TPH EC16-EC21	mg/l	<0.02*	<0.01	<0.01	0.02	1.97
TPH EC21-EC35	mg/l	<0.1*	<0.05	0.18	0.10	2.67
TPH EC35-EC40	mg/l	<0.1*	<0.05	<0.05	<0.05	0.35
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	0.03
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#52	ug/l	<0.005 U	<0.005 U	0.007 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#101	ug/l	<0.005 U	<0.005 U	0.008 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#118	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#153	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#138	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#180	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Wednesday 20 August 2008

Sample Location / Identification	SM2
Top Depth / m	
Bottom Depth / m	
Sample No.	
Sample Type	W
Date Sampled	30/07/08
Receipt Date	04/08/08
ECõS Sample ID	S0808800
Matrix Type	Ground Water

Determinand	Units	
pH	N/A	7.8
Phenols	ug/l	<0.5
PAH (sum of PAH 17)	ug/l	6.13
Naphthalene	ug/l	0.02
Acenaphthylene	ug/l	0.03
Acenaphthene	ug/l	0.08
Fluorene	ug/l	0.06
Phenanthrene	ug/l	0.37
Anthracene	ug/l	0.08
Fluoranthene	ug/l	0.89
Pyrene	ug/l	0.69
Benzo(a)anthracene	ug/l	0.47
Chrysene	ug/l	0.55
Benzo(b)+(j)fluoranthene	ug/l	0.94
Benzo(k)fluoranthene	ug/l	0.24
Benzo(a)pyrene	ug/l	0.58
Indeno(1,2,3-cd)pyrene	ug/l	0.57
Dibenz(a,h)anthracene	ug/l	0.12
Benzo(g,h,i)perylene	ug/l	0.43
Arsenic	ug/l	1.2 U
Cadmium	ug/l	<0.01 U
Chromium	ug/l	1.87 U
Lead	ug/l	<0.2 U
Mercury	ug/l	<0.02 U
Nickel	ug/l	0.8 U
Selenium	ug/l	0.9 U
Benzene	ug/l	<1 U
Toluene	ug/l	<1 U
Ethylbenzene	ug/l	<1 U
m+p-Xylene	ug/l	<2 U
o-Xylene	ug/l	<1 U
TPH	mg/l	0.26
TPH EC10-EC12	mg/l	<0.01
TPH EC12-EC16	mg/l	<0.01

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Wednesday 20 August 2008

Sample Location / Identification	SM2
Top Depth / m	
Bottom Depth / m	
Sample No.	
Sample Type	W
Date Sampled	30/07/08
Receipt Date	04/08/08
ECõS Sample ID	S0808800
Matrix Type	Ground Water

Determinand	Units	
TPH EC16-EC21	mg/l	0.06
TPH EC21-EC35	mg/l	0.15
TPH EC35-EC40	mg/l	0.05
TPH EC5-EC6	mg/l	<0.01
TPH EC6-EC8	mg/l	<0.01
TPH EC8-EC10	mg/l	<0.01
Polychlorinated biphenyl BZ#28	ug/l	<0.005 U
Polychlorinated biphenyl BZ#52	ug/l	<0.005 U
Polychlorinated biphenyl BZ#101	ug/l	<0.005 U
Polychlorinated biphenyl BZ#118	ug/l	<0.005 U
Polychlorinated biphenyl BZ#153	ug/l	<0.005 U
Polychlorinated biphenyl BZ#138	ug/l	<0.005 U
Polychlorinated biphenyl BZ#180	ug/l	<0.005 U

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Wednesday 20 August 2008

Notes and Preservation Details

PCB analyses undertaken by UKAS laboratory number 1549.

*LOD raised due to sample volume available for extraction.

End of Test Report

Client: **Norwest Holst Ltd - Soil Engineering Div**
Parkside Lane
Dewsbury Road
LEEDS
West Yorkshire
LS11 5SX

FAO: Mr C Wilkinson

Test Report Number: R08/1409

Client Project Name:	**Durham Road, Newport**
Client Project Number:	**F15285**
Your Order Number:	**F15285**
Order Receipt Date:	**08/08/08**
Reporting Date:	**Wednesday 20 August 2008**

If you have any queries regarding this report please contact our Customer Services Section

ECõS Environmental Limited
Low Moor Business Park, Common Road, Bradford BD12 0NB
Tel: 01274 691122 Fax: 01274 608100

Client Project Name: Durham Road, Newport | **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 | **Reporting Date: Wednesday 20 August 2008**

Comments

All analyses are carried out using the laboratory's standard methods unless otherwise agreed.

The test results in this report refer only to the actual samples on which testing has been performed.

Any opinions and/or interpretations expressed herein are outside the scope of the testing laboratory's UKAS accreditation.

The test report shall not be reproduced, except in full, without the testing laboratory's written approval.

This testing laboratory cannot be held responsible for the condition or suitability of samples submitted for testing by a third party or for the competency of personnel other than its own staff.

This testing laboratory cannot be held responsible for the accuracy of test sample locations or descriptions when supplied by a third party.

Soil Samples

Results are expressed on a dried mass basis. Assisted drying carried out @ 40°C.

See key in Notes section for explanation of numerical categories for asbestos results, if applicable.

All material is crushed if possible after assisted drying. Material which cannot be crushed is removed prior to analysis. See Notes section for details, if applicable.

Samples submitted for leachate determination were prepared using agreed procedures and analysed using UKAS accredited methodology where appropriate.

Results are expressed without correction for recovery factors.

Results marked with a ^{U} are UKAS accredited.

Sample Pretreatment (as listed in method statement)

AD = Assisted drying @ 40°C R = As Received

Sample Type

B = Bulk disturbed sample
C = Core Sample
D = Small disturbed sample
ES = Environmental Soil Sample
P = Piston sample
U = Undisturbed sample - open drive
W = Water Sample
EW = Environmental Water Sample

Sample Results

Analysis not requested
*** Test not completed. Please see notes on last page

Signed:_____

For and on behalf of ECõS Environmental Limited

Approved signatories:

Name	Position
J R Brown	Business Development Manager
L Dewell	Production Manager
J Stoddart	Technical Manager

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Wednesday 20 August 2008

Water Samples

Method Statement

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
pH	pH-meter	R	N/A	No	11/08/08
Phenols	HPLC-EC	R	0.5 ug/l	No	18/08/08
PAH (sum of PAH 17)	GC-MS	R	0.02 ug/l	No	11/08/08
Naphthalene	GC-MS	R	0.02 ug/l	No	11/08/08
Acenaphthylene	GC-MS	R	0.02 ug/l	No	11/08/08
Acenaphthene	GC-MS	R	0.02 ug/l	No	11/08/08
Fluorene	GC-MS	R	0.02 ug/l	No	11/08/08
Phenanthrene	GC-MS	R	0.02 ug/l	No	11/08/08
Anthracene	GC-MS	R	0.02 ug/l	No	11/08/08
Fluoranthene	GC-MS	R	0.02 ug/l	No	11/08/08
Pyrene	GC-MS	R	0.02 ug/l	No	11/08/08
Benzo(a)anthracene	GC-MS	R	0.01 ug/l	No	11/08/08
Chrysene	GC-MS	R	0.01 ug/l	No	11/08/08
Benzo(b)+(j)fluoranthene	GC-MS	R	0.01 ug/l	No	11/08/08
Benzo(k)fluoranthene	GC-MS	R	0.01 ug/l	No	11/08/08
Benzo(a)pyrene	GC-MS	R	0.01 ug/l	No	11/08/08
Indeno(1,2,3-cd)pyrene	GC-MS	R	0.01 ug/l	No	11/08/08
Dibenz(a,h)anthracene	GC-MS	R	0.01 ug/l	No	11/08/08
Benzo(g,h,i)perylene	GC-MS	R	0.01 ug/l	No	11/08/08
Arsenic	ICP-MS	R	0.2 ug/l	No	13/08/08
Cadmium	ICP-MS	R	0.01 ug/l	No	13/08/08
Chromium	ICP-MS	R	0.07 ug/l	No	13/08/08
Lead	ICP-MS	R	0.2 ug/l	No	13/08/08
Mercury	ICP-MS	R	0.02 ug/l	No	13/08/08
Nickel	ICP-MS	R	0.5 ug/l	No	13/08/08
Selenium	ICP-MS	R	0.5 ug/l	No	13/08/08
Benzene	HS-GC-MS	R	1 ug/l	No	19/08/08
Toluene	HS-GC-MS	R	1 ug/l	No	19/08/08
Ethylbenzene	HS-GC-MS	R	1 ug/l	No	19/08/08
m+p-Xylene	HS-GC-MS	R	2 ug/l	No	19/08/08
o-Xylene	HS-GC-MS	R	1 ug/l	No	19/08/08
TPH	GC-FID	R	0.05 mg/l	No	19/08/08
TPH EC10-EC12	GC-FID	R	0.01 mg/l	No	11/08/08
TPH EC12-EC16	GC-FID	R	0.01 mg/l	No	11/08/08
TPH EC16-EC21	GC-FID	R	0.01 mg/l	No	11/08/08
TPH EC21-EC35	GC-FID	R	0.05 mg/l	No	11/08/08
TPH EC35-EC40	GC-FID	R	0.05 mg/l	No	11/08/08
TPH EC5-EC6	HS-GC-FID	R	0.01 mg/l	No	11/08/08
TPH EC6-EC8	HS-GC-FID	R	0.01 mg/l	No	19/08/08
TPH EC8-EC10	HS-GC-FID	R	0.01 mg/l	No	19/08/08
Polychlorinated biphenyl BZ#28	GC-MS	R	0.005 ug/l	Yes	14/08/08
Polychlorinated biphenyl BZ#52	GC-MS	R	0.005 ug/l	Yes	14/08/08

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Wednesday 20 August 2008

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
Polychlorinated biphenyl BZ#101	GC-MS	R	0.005 ug/l	Yes	14/08/08
Polychlorinated biphenyl BZ#118	GC-MS	R	0.005 ug/l	Yes	14/08/08
Polychlorinated biphenyl BZ#153	GC-MS	R	0.005 ug/l	Yes	14/08/08
Polychlorinated biphenyl BZ#138	GC-MS	R	0.005 ug/l	Yes	14/08/08
Polychlorinated biphenyl BZ#180	GC-MS	R	0.005 ug/l	Yes	14/08/08

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Wednesday 20 August 2008

Sample Location / Identification		TP601	TP602	TP603	TP604	TP604A
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type		W	W	W	W	W
Date Sampled		07/08/08	07/08/08	07/08/08	07/08/08	07/08/08
Receipt Date		08/08/08	08/08/08	08/08/08	08/08/08	08/08/08
ECõS Sample ID		S0809004	S0809005	S0809006	S0809007	S0809008
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
pH	N/A	7.0	6.9	6.9	7.0	7.5
Phenols	ug/l	77.7	<0.5	44.7	40.3	12.3
PAH (sum of PAH 17)	ug/l	0.21	0.06	0.17	0.05	0.04
Naphthalene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluorene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Phenanthrene	ug/l	<0.02	<0.02	0.03	<0.02	<0.02
Anthracene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluoranthene	ug/l	0.02	<0.02	<0.02	<0.02	<0.02
Pyrene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Benzo(a)anthracene	ug/l	0.02	<0.01	<0.01	<0.01	<0.01
Chrysene	ug/l	0.02	<0.01	0.02	<0.01	<0.01
Benzo(b)+(j)fluoranthene	ug/l	0.03	<0.01	0.03	<0.01	<0.01
Benzo(k)fluoranthene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)pyrene	ug/l	0.02	<0.01	0.01	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	0.02	<0.01	0.01	<0.01	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	0.02	<0.01	0.02	<0.01	<0.01
Arsenic	ug/l	1.5 U	2.7 U	3.8 U	0.7 U	12.9 U
Cadmium	ug/l	0.30 U	0.03 U	0.23 U	0.27 U	0.02 U
Chromium	ug/l	2.57 U	2.85 U	2.26 U	3.28 U	11.90 U
Lead	ug/l	1.6 U	0.3 U	0.2 U	<0.2 U	<0.2 U
Mercury	ug/l	0.04 U	0.02 U	<0.02 U	<0.02 U	0.02 U
Nickel	ug/l	11.4 U	9.3 U	9.5 U	13.3 U	1.2 U
Selenium	ug/l	1.3 U	<0.5 U	3.6 U	<0.5 U	<0.5 U
Benzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Toluene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Ethylbenzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
m+p-Xylene	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
o-Xylene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
TPH	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Wednesday 20 August 2008

Sample Location / Identification		TP601	TP602	TP603	TP604	TP604A
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type		W	W	W	W	W
Date Sampled		07/08/08	07/08/08	07/08/08	07/08/08	07/08/08
Receipt Date		08/08/08	08/08/08	08/08/08	08/08/08	08/08/08
ECõS Sample ID		S0809004	S0809005	S0809006	S0809007	S0809008
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#52	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#101	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#118	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#153	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#138	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#180	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Wednesday 20 August 2008

Sample Location / Identification		TP606A	TP607	TP608
Top Depth / m				
Bottom Depth / m				
Sample No.				
Sample Type		W	W	W
Date Sampled		07/08/08	07/08/08	07/08/08
Receipt Date		08/08/08	08/08/08	08/08/08
ECõS Sample ID		S0809009	S0809010	S0809011
Matrix Type		Ground Water	Ground Water	Ground Water
Determinand	**Units**			
pH	N/A	7.4	7.2	7.0
Phenols	ug/l	<0.5	46.6	46.6
PAH (sum of PAH 17)	ug/l	0.03	0.07	0.80
Naphthalene	ug/l	0.08	<0.02	0.20
Acenaphthylene	ug/l	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	0.35
Fluorene	ug/l	<0.02	<0.02	0.09
Phenanthrene	ug/l	<0.02	0.02	0.03
Anthracene	ug/l	<0.02	<0.02	<0.02
Fluoranthene	ug/l	<0.02	<0.02	0.03
Pyrene	ug/l	<0.02	<0.02	0.03
Benzo(a)anthracene	ug/l	<0.01	<0.01	0.01
Chrysene	ug/l	<0.01	<0.01	<0.01
Benzo(b)+(j)fluoranthene	ug/l	<0.01	<0.01	0.03
Benzo(k)fluoranthene	ug/l	<0.01	<0.01	<0.01
Benzo(a)pyrene	ug/l	<0.01	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	<0.01	<0.01	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	<0.01	<0.01	0.01
Arsenic	ug/l	11.4 U	2.0 U	1.7 U
Cadmium	ug/l	0.01 U	0.15 U	<0.01 U
Chromium	ug/l	14.68 U	3.34 U	3.35 U
Lead	ug/l	<0.2 U	0.2 U	<0.2 U
Mercury	ug/l	<0.02 U	<0.02 U	<0.02 U
Nickel	ug/l	1.2 U	4.1 U	4.8 U
Selenium	ug/l	<0.5 U	3.4 U	<0.5 U
Benzene	ug/l	<1 U	<1 U	<1 U
Toluene	ug/l	<1 U	<1 U	<1 U
Ethylbenzene	ug/l	<1 U	<1 U	<1 U
m+p-Xylene	ug/l	<2 U	<2 U	<2 U
o-Xylene	ug/l	<1 U	<1 U	<1 U
TPH	mg/l	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Wednesday 20 August 2008

Sample Location / Identification		TP606A	TP607	TP608
Top Depth / m				
Bottom Depth / m				
Sample No.				
Sample Type		W	W	W
Date Sampled		07/08/08	07/08/08	07/08/08
Receipt Date		08/08/08	08/08/08	08/08/08
ECõS Sample ID		S0809009	S0809010	S0809011
Matrix Type		Ground Water	Ground Water	Ground Water
Determinand	**Units**			
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	ug/l	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#52	ug/l	<0.005 U	0.006 U	<0.005 U
Polychlorinated biphenyl BZ#101	ug/l	<0.005 U	0.013 U	<0.005 U
Polychlorinated biphenyl BZ#118	ug/l	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#153	ug/l	<0.005 U	0.021 U	<0.005 U
Polychlorinated biphenyl BZ#138	ug/l	<0.005 U	0.018 U	<0.005 U
Polychlorinated biphenyl BZ#180	ug/l	<0.005 U	0.012 U	<0.005 U

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Wednesday 20 August 2008

Notes and Preservation Details

PCB analyses undertaken by UKAS laboratory number 1549.

End of Test Report

Client: **Norwest Holst Ltd - Soil Engineering Div**
Parkside Lane
Dewsbury Road
LEEDS
West Yorkshire
LS11 5SX

FAO: Mr C Wilkinson

Test Report Number: R08/1448

Client Project Name:	**Durham Road, Newport**
Client Project Number:	**F15285**
Your Order Number:	**F15285**
Order Receipt Date:	**15/08/08**
Reporting Date:	**Monday 01 September, 2008**

If you have any queries regarding this report please contact our Customer Services Section

ECõS Environmental Limited
Low Moor Business Park, Common Road, Bradford BD12 0NB
Tel: 01274 691122 Fax: 01274 608100

Client Project Name: Durham Road, Newport | **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 | **Reporting Date: Monday 01 September, 2008**

Comments

All analyses are carried out using the laboratory's standard methods unless otherwise agreed.

The test results in this report refer only to the actual samples on which testing has been performed.

Any opinions and/or interpretations expressed herein are outside the scope of the testing laboratory's UKAS accreditation.

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This laboratory cannot be held responsible for the accuracy of test sample locations or descriptions when supplied by a third party.

Soil Samples

Results are expressed on a dry mass basis. Assisted drying carried out @ 40°C.

See key in Notes section for explanation of numerical categories for asbestos results, if applicable.

All material is crushed if possible after assisted drying. Material which cannot be crushed is removed prior to analysis. See Notes section for details, if applicable.

Samples submitted for leachate determination were prepared using agreed procedures and analysed using UKAS accredited methodology where appropriate.

Results are expressed without correction for recovery factors.

Results marked with a ^{U} are UKAS accredited.

Sample Pretreatment (as listed in method statement)

AD = Assisted drying @ 40°C R = As Received

Sample Type

B = Bulk disturbed sample
C = Core Sample
D = Small disturbed sample
ES = Environmental Soil Sample
P = Piston sample
U = Undisturbed sample - open drive
W = Water Sample
EW = Environmental Water Sample

Sample Results

\# Analysis not requested
*** Test not completed. Please see notes on last page

Signed:_____

For and on behalf of ECõS Environmental Limited

Approved signatories:

Name	Position
J R Brown	Business Development Manager
L Dewell	Production Manager
J Stoddart	Technical Manager

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Monday 01 September, 2008

Water Samples

Method Statement

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
pH	pH-meter	R	N/A	No	21/08/2008
Phenols	HPLC-EC	R	0.5 ug/l	No	28/08/2008
PAH (sum of PAH 17)	GC-MS	R	0.02 ug/l	No	29/08/2008
Naphthalene	GC-MS	R	0.02 ug/l	No	29/08/2008
Acenaphthylene	GC-MS	R	0.02 ug/l	No	29/08/2008
Acenaphthene	GC-MS	R	0.02 ug/l	No	29/08/2008
Fluorene	GC-MS	R	0.02 ug/l	No	29/08/2008
Phenanthrene	GC-MS	R	0.02 ug/l	No	29/08/2008
Anthracene	GC-MS	R	0.02 ug/l	No	29/08/2008
Fluoranthene	GC-MS	R	0.02 ug/l	No	29/08/2008
Pyrene	GC-MS	R	0.02 ug/l	No	19/08/2008
Benzo(a)anthracene	GC-MS	R	0.01 ug/l	No	29/08/2008
Chrysene	GC-MS	R	0.01 ug/l	No	29/08/2008
Benzo(b)+(j)fluoranthene	GC-MS	R	0.01 ug/l	No	29/08/2008
Benzo(k)fluoranthene	GC-MS	R	0.01 ug/l	No	19/08/2008
Benzo(a)pyrene	GC-MS	R	0.01 ug/l	No	19/08/2008
Indeno(1,2,3-cd)pyrene	GC-MS	R	0.01 ug/l	No	19/08/2008
Dibenz(a,h)anthracene	GC-MS	R	0.01 ug/l	No	19/08/2008
Benzo(g,h,i)perylene	GC-MS	R	0.01 ug/l	No	19/08/2008
Arsenic	ICP-MS	R	0.2 ug/l	No	21/08/2008
Cadmium	ICP-MS	R	0.01 ug/l	No	21/08/2008
Chromium	ICP-MS	R	0.07 ug/l	No	21/08/2008
Lead	ICP-MS	R	0.2 ug/l	No	21/08/2008
Mercury	ICP-MS	R	0.02 ug/l	No	21/08/2008
Nickel	ICP-MS	R	0.5 ug/l	No	21/08/2008
Selenium	ICP-MS	R	0.5 ug/l	No	21/08/2008
Benzene	HS-GC-MS	R	1 ug/l	No	29/08/2008
Toluene	HS-GC-MS	R	1 ug/l	No	29/08/2008
Ethylbenzene	HS-GC-MS	R	1 ug/l	No	29/08/2008
m+p-Xylene	HS-GC-MS	R	2 ug/l	No	29/08/2008
o-Xylene	HS-GC-MS	R	1 ug/l	No	29/08/2008
TPH	GC-FID	R	0.05 mg/l	No	29/08/2008
TPH EC10-EC12	GC-FID	R	0.01 mg/l	No	29/08/2008
TPH EC12-EC16	GC-FID	R	0.01 mg/l	No	29/08/2008
TPH EC16-EC21	GC-FID	R	0.01 mg/l	No	29/08/2008
TPH EC21-EC35	GC-FID	R	0.05 mg/l	No	29/08/2008
TPH EC35-EC40	GC-FID	R	0.05 mg/l	No	29/08/2008
TPH EC5-EC6	HS-GC-FID	R	0.01 mg/l	No	28/08/2008
TPH EC6-EC8	HS-GC-FID	R	0.01 mg/l	No	28/08/2008
TPH EC8-EC10	HS-GC-FID	R	0.01 mg/l	No	28/08/2008
Polychlorinated biphenyl BZ#28	GC-MS (HR)	R	0.005 ug/l	Yes	26/08/2008
Polychlorinated biphenyl BZ#52	GC-MS (HR)	R	0.005 ug/l	Yes	26/08/2008

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Monday 01 September, 2008

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
Polychlorinated biphenyl BZ#101	GC-MS (HR)	R	0.005 ug/l	Yes	26/08/2008
Polychlorinated biphenyl BZ#118	GC-MS (HR)	R	0.005 ug/l	Yes	26/08/2008
Polychlorinated biphenyl BZ#153	GC-MS (HR)	R	0.005 ug/l	Yes	26/08/2008
Polychlorinated biphenyl BZ#138	GC-MS (HR)	R	0.005 ug/l	Yes	26/08/2008
Polychlorinated biphenyl BZ#180	GC-MS (HR)	R	0.005 ug/l	Yes	26/08/2008

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Monday 01 September, 2008

Sample Location		BH601	BH602	BH603	BH604	BH604A
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled		14/08/08	14/08/08	14/08/08	14/08/08	14/08/08
Receipt Date		15/08/08	15/08/08	15/08/08	15/08/08	15/08/08
ECõS Sample ID		S0809246	S0809247	S0809248	S0809249	S0809250
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
pH	N/A	7.4	7.2	7.3	7.4	8.0
Phenols	ug/l	18.4	13.0	11.8	16.3	<0.5
PAH (sum of PAH 17)	ug/l	0.10	0.05	<0.02	<0.02	<0.02
Naphthalene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluorene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Phenanthrene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Anthracene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluoranthene	ug/l	0.02	<0.02	<0.02	<0.02	<0.02
Pyrene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Benzo(a)anthracene	ug/l	0.01	0.01	<0.01	<0.01	<0.01
Chrysene	ug/l	0.01	0.01	<0.01	<0.01	<0.01
Benzo(b)+(j)fluoranthene	ug/l	0.02	0.02	<0.01	<0.01	<0.01
Benzo(k)fluoranthene	ug/l	0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)pyrene	ug/l	0.01	<0.01	<0.01	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	0.01	<0.01	<0.01	<0.01	<0.01
Arsenic	ug/l	1.2 U	1.3 U	2.5 U	0.5 U	11.9 U
Cadmium	ug/l	0.32 U	0.62 U	0.13 U	0.23 U	0.03 U
Chromium	ug/l	2.13 U	2.53 U	1.53 U	2.22 U	13.25 U
Lead	ug/l	3.2 U	2.5 U	<0.2 U	<0.2 U	<0.2 U
Mercury	ug/l	0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.02 U
Nickel	ug/l	8.8 U	13.1 U	5.9 U	8.6 U	0.8 U
Selenium	ug/l	3.9 U	2.2 U	2.9 U	2.8 U	<0.5 U
Benzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Toluene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Ethylbenzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
m+p-Xylene	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
o-Xylene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
TPH	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Monday 01 September, 2008

Sample Location		BH601	BH602	BH603	BH604	BH604A
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled		14/08/08	14/08/08	14/08/08	14/08/08	14/08/08
Receipt Date		15/08/08	15/08/08	15/08/08	15/08/08	15/08/08
ECõS Sample ID		S0809246	S0809247	S0809248	S0809249	S0809250
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#52	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#101	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#118	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#153	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#138	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#180	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Monday 01 September, 2008

Sample Location		BH606	BH606A	BH607	BH608
Top Depth / m					
Bottom Depth / m					
Sample No.					
Sample Type					
Date Sampled		14/08/08	14/08/08	14/08/08	14/08/08
Receipt Date		15/08/08	15/08/08	15/08/08	15/08/08
ECõS Sample ID		S0809251	S0809252	S0809253	S0809254
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**				
pH	N/A	7.5	7.6	7.6	7.4
Phenols	ug/l	<0.5	<0.5	8.2	<0.5
PAH (sum of PAH 17)	ug/l	0.44	<0.02	<0.02	0.64
Naphthalene	ug/l	<0.02	<0.02	<0.02	0.06
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	<0.02	0.18
Fluorene	ug/l	<0.02	<0.02	<0.02	0.04
Phenanthrene	ug/l	0.04	<0.02	<0.02	0.03
Anthracene	ug/l	<0.02	<0.02	<0.02	<0.02
Fluoranthene	ug/l	0.06	<0.02	<0.02	0.06
Pyrene	ug/l	0.05	<0.02	<0.02	0.05
Benzo(a)anthracene	ug/l	0.04	<0.01	<0.01	0.04
Chrysene	ug/l	0.04	<0.01	<0.01	0.04
Benzo(b)+(j)fluoranthene	ug/l	0.07	<0.01	<0.01	0.06
Benzo(k)fluoranthene	ug/l	0.03	<0.01	<0.01	0.02
Benzo(a)pyrene	ug/l	0.04	<0.01	<0.01	0.03
Indeno(1,2,3-cd)pyrene	ug/l	0.03	<0.01	<0.01	0.02
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	0.04	<0.01	<0.01	0.03
Arsenic	ug/l	2.0 U	2.4 U	1.7 U	1.0 U
Cadmium	ug/l	0.23 U	<0.01 U	0.11 U	0.01 U
Chromium	ug/l	2.26 U	8.17 U	2.53 U	1.67 U
Lead	ug/l	8.3 U	<0.2 U	0.2 U	<0.2 U
Mercury	ug/l	<0.02 U	<0.02 U	<0.02 U	<0.02 U
Nickel	ug/l	3.7 U	3.2 U	2.3 U	8.2 U
Selenium	ug/l	1.9 U	<0.5 U	1.8 U	<0.5 U
Benzene	ug/l	<1 U	<1 U	<1 U	<1 U
Toluene	ug/l	<1 U	<1 U	<1 U	<1 U
Ethylbenzene	ug/l	<1 U	<1 U	<1 U	<1 U
m+p-Xylene	ug/l	<2 U	<2 U	<2 U	<2 U
o-Xylene	ug/l	<1 U	<1 U	<1 U	<1 U
TPH	mg/l	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Monday 01 September, 2008

Sample Location		BH606	BH606A	BH607	BH608
Top Depth / m					
Bottom Depth / m					
Sample No.					
Sample Type					
Date Sampled		14/08/08	14/08/08	14/08/08	14/08/08
Receipt Date		15/08/08	15/08/08	15/08/08	15/08/08
ECõS Sample ID		S0809251	S0809252	S0809253	S0809254
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**				
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#52	ug/l	<0.005 U	<0.005 U	0.014 U	<0.005 U
Polychlorinated biphenyl BZ#101	ug/l	<0.005 U	<0.005 U	0.006 U	<0.005 U
Polychlorinated biphenyl BZ#118	ug/l	<0.005 U	<0.005 U	0.008 U	<0.005 U
Polychlorinated biphenyl BZ#153	ug/l	<0.005 U	<0.005 U	0.026 U	<0.005 U
Polychlorinated biphenyl BZ#138	ug/l	<0.005 U	<0.005 U	0.026 U	<0.005 U
Polychlorinated biphenyl BZ#180	ug/l	<0.005 U	<0.005 U	0.032 U	<0.005 U

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Monday 01 September, 2008

Notes and Preservation Details

PCB analyses undertaken by UKAS laboratory number 1549.

End of Test Report

Client: **Norwest Holst Ltd - Soil Engineering Div**
Parkside Lane
Dewsbury Road
LEEDS
West Yorkshire
LS11 5SX

FAO: Mr C Wilkinson

Test Report Number: R08/1479

Client Project Name:	**Durham Road, Newport**
Client Project Number:	**F15285**
Your Order Number:	**F15285**
Order Receipt Date:	**22/08/08**
Reporting Date:	**Tuesday 09 September, 2008**

If you have any queries regarding this report please contact our Customer Services Section

ECõS Environmental Limited
Low Moor Business Park, Common Road, Bradford BD12 0NB
Tel: 01274 691122 Fax: 01274 608100

Client Project Name: Durham Road, Newport | **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 | **Reporting Date: Tuesday 09 September, 2008**

Comments

All analyses are carried out using the laboratory's standard methods unless otherwise agreed.

The test results in this report refer only to the actual samples on which testing has been performed.

Any opinions and/or interpretations expressed herein are outside the scope of the testing laboratory's UKAS accreditation.

The test report shall not be reproduced, except in full, without the testing laboratory's written approval.

This testing laboratory cannot be held responsible for the condition or suitability of samples submitted for testing by a third party or for the competency of personnel other than its own staff.

This laboratory cannot be held responsible for the accuracy of test sample locations or descriptions when supplied by a third party.

Soil Samples

Results are expressed on a dry mass basis. Assisted drying carried out @ 40°C.

See key in Notes section for explanation of numerical categories for asbestos results, if applicable.

All material is crushed if possible after assisted drying. Material which cannot be crushed is removed prior to analysis. See Notes section for details, if applicable.

Samples submitted for leachate determination were prepared using agreed procedures and analysed using UKAS accredited methodology where appropriate.

Results are expressed without correction for recovery factors.

Results marked with a ^{U} are UKAS accredited.

Sample Pretreatment (as listed in method statement)

AD = Assisted drying @ 40°C R = As Received

Sample Type

B = Bulk disturbed sample
C = Core Sample
D = Small disturbed sample
ES = Environmental Soil Sample
P = Piston sample
U = Undisturbed sample - open drive
W = Water Sample
EW = Environmental Water Sample

Sample Results

Analysis not requested
*** Test not completed. Please see notes on last page

Signed:_____

For and on behalf of ECõS Environmental Limited

Approved signatories:

Name	Position
J R Brown	Business Development Manager
L Dewell	Production Manager
J Stoddart	Technical Manager

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Tuesday 09 September, 2008

Water Samples

Method Statement

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
pH	pH-meter	R	N/A	No	27/08/2008
Phenols	HPLC-EC	R	0.5 ug/l	No	28/08/2008
PAH (sum of PAH 17)	GC-MS	R	0.02 ug/l	No	09/09/2008
Naphthalene	GC-MS	R	0.02 ug/l	No	09/09/2008
Acenaphthylene	GC-MS	R	0.02 ug/l	No	09/09/2008
Acenaphthene	GC-MS	R	0.02 ug/l	No	09/09/2008
Fluorene	GC-MS	R	0.02 ug/l	No	09/09/2008
Phenanthrene	GC-MS	R	0.02 ug/l	No	09/09/2008
Anthracene	GC-MS	R	0.02 ug/l	No	09/09/2008
Fluoranthene	GC-MS	R	0.02 ug/l	No	09/09/2008
Pyrene	GC-MS	R	0.02 ug/l	No	09/09/2008
Benzo(a)anthracene	GC-MS	R	0.01 ug/l	No	09/09/2008
Chrysene	GC-MS	R	0.01 ug/l	No	09/09/2008
Benzo(b)+(j)fluoranthene	GC-MS	R	0.01 ug/l	No	09/09/2008
Benzo(k)fluoranthene	GC-MS	R	0.01 ug/l	No	09/09/2008
Benzo(a)pyrene	GC-MS	R	0.01 ug/l	No	09/09/2008
Indeno(1,2,3-cd)pyrene	GC-MS	R	0.01 ug/l	No	09/09/2008
Dibenz(a,h)anthracene	GC-MS	R	0.01 ug/l	No	09/09/2008
Benzo(g,h,i)perylene	GC-MS	R	0.01 ug/l	No	09/09/2008
Arsenic	ICP-MS	R	0.2 ug/l	No	28/08/2008
Cadmium	ICP-MS	R	0.01 ug/l	No	28/08/2008
Chromium	ICP-MS	R	0.07 ug/l	No	28/08/2008
Lead	ICP-MS	R	0.2 ug/l	No	28/08/2008
Mercury	ICP-MS	R	0.02 ug/l	No	28/08/2008
Nickel	ICP-MS	R	0.5 ug/l	No	28/08/2008
Selenium	ICP-MS	R	0.5 ug/l	No	28/08/2008
Benzene	HS-GC-MS	R	1 ug/l	No	03/09/2008
Toluene	HS-GC-MS	R	1 ug/l	No	03/09/2008
Ethylbenzene	HS-GC-MS	R	1 ug/l	No	03/09/2008
m+p-Xylene	HS-GC-MS	R	2 ug/l	No	03/09/2008
o-Xylene	HS-GC-MS	R	1 ug/l	No	03/09/2008
TPH	GC-FID	R	0.05 mg/l	No	03/09/2008
TPH EC10-EC12	GC-FID	R	0.01 mg/l	No	03/09/2008
TPH EC12-EC16	GC-FID	R	0.01 mg/l	No	03/09/2008
TPH EC16-EC21	GC-FID	R	0.01 mg/l	No	03/09/2008
TPH EC21-EC35	GC-FID	R	0.05 mg/l	No	03/09/2008
TPH EC35-EC40	GC-FID	R	0.05 mg/l	No	03/09/2008
TPH EC5-EC6	HS-GC-FID	R	0.01 mg/l	No	28/08/2008
TPH EC6-EC8	HS-GC-FID	R	0.01 mg/l	No	28/08/2008
TPH EC8-EC10	HS-GC-FID	R	0.01 mg/l	No	28/08/2008
Polychlorinated biphenyl BZ#28	GC-MS (HR)	R	0.005 ug/l	Yes	02/09/2008
Polychlorinated biphenyl BZ#52	GC-MS (HR)	R	0.005 ug/l	Yes	02/09/2008

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Tuesday 09 September, 2008

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
Polychlorinated biphenyl BZ#101	GC-MS (HR)	R	0.005 ug/l	Yes	02/09/2008
Polychlorinated biphenyl BZ#118	GC-MS (HR)	R	0.005 ug/l	Yes	02/09/2008
Polychlorinated biphenyl BZ#153	GC-MS (HR)	R	0.005 ug/l	Yes	02/09/2008
Polychlorinated biphenyl BZ#138	GC-MS (HR)	R	0.005 ug/l	Yes	02/09/2008
Polychlorinated biphenyl BZ#180	GC-MS (HR)	R	0.005 ug/l	Yes	02/09/2008

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Tuesday 09 September, 2008

Sample Location		BH601	BH602	BH603	BH604	BH604A
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled		21/08/08	21/08/08	21/08/08	21/08/08	21/08/08
Receipt Date		22/08/08	22/08/08	22/08/08	22/08/08	22/08/08
ECõS Sample ID		S0809449	S0809450	S0809451	S0809452	S0809453
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
pH	N/A	7.1	6.9	7.0	7.0	7.7
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	0.43	0.80	0.35	0.41	<0.04*
Naphthalene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.04*
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.04*
Acenaphthene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.04*
Fluorene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.04*
Phenanthrene	ug/l	0.04	0.07	0.04	0.03	<0.04*
Anthracene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.04*
Fluoranthene	ug/l	0.04	0.05	0.04	0.06	<0.04*
Pyrene	ug/l	0.04	0.05	0.04	0.05	<0.04*
Benzo(a)anthracene	ug/l	0.04	0.06	0.02	0.04	<0.02*
Chrysene	ug/l	0.04	0.08	0.04	0.05	<0.02*
Benzo(b)+(j)fluoranthene	ug/l	0.08	0.15	0.05	0.06	<0.02*
Benzo(k)fluoranthene	ug/l	0.03	0.05	0.02	0.02	<0.02*
Benzo(a)pyrene	ug/l	0.05	0.10	0.04	0.04	<0.02*
Indeno(1,2,3-cd)pyrene	ug/l	0.04	0.07	0.03	0.03	<0.02*
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.02*
Benzo(g,h,i)perylene	ug/l	0.04	0.12	0.03	0.03	<0.02*
Arsenic	ug/l	1.3 U	1.7 U	2.9 U	0.7 U	10.3 U
Cadmium	ug/l	0.43 U	0.62 U	0.11 U	0.23 U	0.02 U
Chromium	ug/l	3.23 U	4.06 U	2.44 U	3.59 U	13.77 U
Lead	ug/l	2.3 U	2.2 U	<0.2 U	0.2 U	<0.2 U
Mercury	ug/l	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.02 U
Nickel	ug/l	10.3 U	16.6 U	4.8 U	11.3 U	0.6 U
Selenium	ug/l	3.2 U	1.4 U	2.0 U	3.9 U	<0.5 U
Benzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Toluene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Ethylbenzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
m+p-Xylene	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
o-Xylene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
TPH	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Tuesday 09 September, 2008

Sample Location		BH601	BH602	BH603	BH604	BH604A
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled		21/08/08	21/08/08	21/08/08	21/08/08	21/08/08
Receipt Date		22/08/08	22/08/08	22/08/08	22/08/08	22/08/08
ECõS Sample ID		S0809449	S0809450	S0809451	S0809452	S0809453
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#52	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#101	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#118	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#153	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#138	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#180	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Tuesday 09 September, 2008

Sample Location		BH606	BH606A	BH607	BH608
Top Depth / m					
Bottom Depth / m					
Sample No.					
Sample Type					
Date Sampled		21/08/08	21/08/08	21/08/08	21/08/08
Receipt Date		22/08/08	22/08/08	22/08/08	22/08/08
ECõS Sample ID		S0809454	S0809455	S0809456	S0809457
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**				
pH	N/A	7.2	7.5	7.3	7.2
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	0.35	4.42	<0.02	0.35
Naphthalene	ug/l	<0.02	0.07	<0.02	0.03
Acenaphthylene	ug/l	<0.02	0.04	<0.02	<0.02
Acenaphthene	ug/l	<0.02	0.52	<0.02	<0.02
Fluorene	ug/l	<0.02	0.24	<0.02	<0.02
Phenanthrene	ug/l	0.03	0.65	<0.02	<0.02
Anthracene	ug/l	<0.02	0.19	<0.02	<0.02
Fluoranthene	ug/l	0.04	0.75	<0.02	0.04
Pyrene	ug/l	0.04	0.56	<0.02	0.04
Benzo(a)anthracene	ug/l	0.03	0.21	<0.01	0.03
Chrysene	ug/l	0.04	0.23	<0.01	0.03
Benzo(b)+(j)fluoranthene	ug/l	0.05	0.30	<0.01	0.05
Benzo(k)fluoranthene	ug/l	0.02	0.09	<0.01	0.02
Benzo(a)pyrene	ug/l	0.04	0.21	<0.01	0.04
Indeno(1,2,3-cd)pyrene	ug/l	0.03	0.17	<0.01	0.03
Dibenz(a,h)anthracene	ug/l	<0.01	0.03	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	0.03	0.19	<0.01	0.03
Arsenic	ug/l	1.5 U	10.4 U	3.7 U	1.0 U
Cadmium	ug/l	0.36 U	<0.01 U	0.15 U	0.01 U
Chromium	ug/l	3.13 U	13.45 U	3.62 U	2.59 U
Lead	ug/l	3.4 U	<0.2 U	0.2 U	<0.2 U
Mercury	ug/l	<0.02 U	<0.02 U	<0.02 U	<0.02 U
Nickel	ug/l	4.1 U	1.0 U	2.1 U	8.0 U
Selenium	ug/l	<0.5 U	<0.5 U	3.7 U	<0.5 U
Benzene	ug/l	<1 U	<1 U	<1 U	<1 U
Toluene	ug/l	<1 U	<1 U	<1 U	<1 U
Ethylbenzene	ug/l	<1 U	<1 U	<1 U	<1 U
m+p-Xylene	ug/l	<2 U	<2 U	<2 U	<2 U
o-Xylene	ug/l	<1 U	<1 U	<1 U	<1 U
TPH	mg/l	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01

Client Project Name: Durham Road, Newport | **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 | **Reporting Date: Tuesday 09 September, 2008**

Sample Location		BH606	BH606A	BH607	BH608
Top Depth / m					
Bottom Depth / m					
Sample No.					
Sample Type					
Date Sampled		21/08/08	21/08/08	21/08/08	21/08/08
Receipt Date		22/08/08	22/08/08	22/08/08	22/08/08
ECõS Sample ID		S0809454	S0809455	S0809456	S0809457
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**				
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#52	ug/l	<0.005 U	<0.005 U	0.009 U	<0.005 U
Polychlorinated biphenyl BZ#101	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#118	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#153	ug/l	<0.005 U	<0.005 U	0.011 U	<0.005 U
Polychlorinated biphenyl BZ#138	ug/l	<0.005 U	<0.005 U	0.012 U	<0.005 U
Polychlorinated biphenyl BZ#180	ug/l	<0.005 U	<0.005 U	0.010 U	<0.005 U

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Tuesday 09 September, 2008

Notes and Preservation Details

PCB analyses undertaken by UKAS laboratory number 1549.

*LOD determined by volume of sample available for extraction.

End of Test Report

Client: **Norwest Holst Ltd - Soil Engineering Div**
Parkside Lane
Dewsbury Road
LEEDS
West Yorkshire
LS11 5SX

FAO: Mr C Wilkinson

Test Report Number: R08/1504

Client Project Name:	**Durham Road, Newport**
Client Project Number:	**F15285**
Your Order Number:	**F15285**
Order Receipt Date:	**29/08/08**
Reporting Date:	**Friday 12 September 2008**

If you have any queries regarding this report please contact our Customer Services Section

ECõS Environmental Limited
Low Moor Business Park, Common Road, Bradford BD12 0NB
Tel: 01274 691122 Fax: 01274 608100

Client Project Name: Durham Road, Newport | **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 | **Reporting Date: Friday 12 September 2008**

Comments

All analyses are carried out using the laboratory's standard methods unless otherwise agreed.

The test results in this report refer only to the actual samples on which testing has been performed.

Any opinions and/or interpretations expressed herein are outside the scope of the testing laboratory's UKAS accreditation.

The test report shall not be reproduced, except in full, without the testing laboratory's written approval.

This testing laboratory cannot be held responsible for the condition or suitability of samples submitted for testing by a third party or for the competency of personnel other than its own staff.

This testing laboratory cannot be held responsible for the accuracy of test sample locations or descriptions when supplied by a third party.

Soil Samples

Results are expressed on a dried mass basis. Assisted drying carried out @ 40°C.

See key in Notes section for explanation of numerical categories for asbestos results, if applicable.

All material is crushed if possible after assisted drying. Material which cannot be crushed is removed prior to analysis. See Notes section for details, if applicable.

Samples submitted for leachate determination were prepared using agreed procedures and analysed using UKAS accredited methodology where appropriate.

Results are expressed without correction for recovery factors.

Results marked with a ^{U} are UKAS accredited.

Sample Pretreatment (as listed in method statement)

AD = Assisted drying @ 40°C R = As Received

Sample Type

B = Bulk disturbed sample
C = Core Sample
D = Small disturbed sample
ES = Environmental Soil Sample
P = Piston sample
U = Undisturbed sample - open drive
W = Water Sample
EW = Environmental Water Sample

Sample Results

\# Analysis not requested
*** Test not completed. Please see notes on last page

Signed:_____

For and on behalf of ECõS Environmental Limited

Approved signatories:

Name	Position
J R Brown	Business Development Manager
L Dewell	Production Manager
J Stoddart	Technical Manager

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Friday 12 September 2008

Water Samples

Method Statement

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
pH	pH-meter	R	N/A	No	04/09/08
Phenols	HPLC-EC	R	0.5 ug/l	No	03/09/08
PAH (sum of PAH 17)	GC-MS	R	0.02 ug/l	No	09/09/08
Naphthalene	GC-MS	R	0.02 ug/l	No	09/09/08
Acenaphthylene	GC-MS	R	0.02 ug/l	No	09/09/08
Acenaphthene	GC-MS	R	0.02 ug/l	No	09/09/08
Fluorene	GC-MS	R	0.02 ug/l	No	09/09/08
Phenanthrene	GC-MS	R	0.02 ug/l	No	09/09/08
Anthracene	GC-MS	R	0.02 ug/l	No	09/09/08
Fluoranthene	GC-MS	R	0.02 ug/l	No	09/09/08
Pyrene	GC-MS	R	0.02 ug/l	No	09/09/08
Benzo(a)anthracene	GC-MS	R	0.01 ug/l	No	09/09/08
Chrysene	GC-MS	R	0.01 ug/l	No	09/09/08
Benzo(b)+(j)fluoranthene	GC-MS	R	0.01 ug/l	No	09/09/08
Benzo(k)fluoranthene	GC-MS	R	0.01 ug/l	No	09/09/08
Benzo(a)pyrene	GC-MS	R	0.01 ug/l	No	09/09/08
Indeno(1,2,3-cd)pyrene	GC-MS	R	0.01 ug/l	No	09/09/08
Dibenz(a,h)anthracene	GC-MS	R	0.01 ug/l	No	09/09/08
Benzo(g,h,i)perylene	GC-MS	R	0.01 ug/l	No	09/09/08
Arsenic	ICP-MS	R	0.2 ug/l	No	02/09/08
Cadmium	ICP-MS	R	0.01 ug/l	No	02/09/08
Chromium	ICP-MS	R	0.07 ug/l	No	02/09/08
Lead	ICP-MS	R	0.2 ug/l	No	02/09/08
Mercury	ICP-MS	R	0.02 ug/l	No	02/09/08
Nickel	ICP-MS	R	0.5 ug/l	No	02/09/08
Selenium	ICP-MS	R	0.5 ug/l	No	02/09/08
Benzene	HS-GC-MS	R	1 ug/l	No	08/09/08
Toluene	HS-GC-MS	R	1 ug/l	No	08/09/08
Ethylbenzene	HS-GC-MS	R	1 ug/l	No	08/09/08
m+p-Xylene	HS-GC-MS	R	2 ug/l	No	08/09/08
o-Xylene	HS-GC-MS	R	1 ug/l	No	08/09/08
TPH	GC-FID	R	0.05 mg/l	No	09/09/08
TPH EC10-EC12	GC-FID	R	0.01 mg/l	No	09/09/08
TPH EC12-EC16	GC-FID	R	0.01 mg/l	No	09/09/08
TPH EC16-EC21	GC-FID	R	0.01 mg/l	No	09/09/08
TPH EC21-EC35	GC-FID	R	0.05 mg/l	No	09/09/08
TPH EC35-EC40	GC-FID	R	0.05 mg/l	No	09/09/08
TPH EC5-EC6	HS-GC-FID	R	0.01 mg/l	No	08/09/08
TPH EC6-EC8	HS-GC-FID	R	0.01 mg/l	No	08/09/08
TPH EC8-EC10	HS-GC-FID	R	0.01 mg/l	No	08/09/08
Polychlorinated biphenyl BZ#101	GC-MS	R	0.005 ug/l	Yes	10/09/08
Polychlorinated biphenyl BZ#118	GC-MS	R	0.005 ug/l	Yes	10/09/08

Client Project Name: Durham Road, Newport **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 **Reporting Date: Friday 12 September 2008**

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
Polychlorinated biphenyl BZ#138	GC-MS	R	0.005 ug/l	Yes	10/09/08
Polychlorinated biphenyl BZ#153	GC-MS	R	0.005 ug/l	Yes	10/09/08
Polychlorinated biphenyl BZ#180	GC-MS	R	0.005 ug/l	Yes	10/09/08
Polychlorinated biphenyl BZ#28	GC-MS	R	0.005 ug/l	Yes	10/09/08
Polychlorinated biphenyl BZ#52	GC-MS	R	0.005 ug/l	Yes	10/09/08

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Friday 12 September 2008

Sample Location / Identification		BH601	BH602	BH603	BH604	BH604A
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled		28/08/08	28/08/08	28/08/08	28/08/08	28/08/08
Receipt Date		29/08/08	29/08/08	29/08/08	29/08/08	29/08/08
ECõS Sample ID		S0809634	S0809635	S0809636	S0809637	S0809638
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
pH	N/A	7.5	7.1	7.2	7.2	7.7
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	<0.02	<0.02	<0.02	0.18	<0.02
Naphthalene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluorene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Phenanthrene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Anthracene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluoranthene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Pyrene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Benzo(a)anthracene	ug/l	<0.01	<0.01	<0.01	0.01	<0.01
Chrysene	ug/l	<0.01	<0.01	<0.01	0.02	<0.01
Benzo(b)+(j)fluoranthene	ug/l	<0.01	<0.01	<0.01	0.03	<0.01
Benzo(k)fluoranthene	ug/l	<0.01	<0.01	<0.01	0.02	<0.01
Benzo(a)pyrene	ug/l	<0.01	<0.01	<0.01	0.02	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	<0.01	<0.01	<0.01	0.03	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	0.03	<0.01
Benzo(g,h,i)perylene	ug/l	<0.01	<0.01	<0.01	0.03	<0.01
Arsenic	ug/l	0.7 U	<0.2 U	3.5 U	0.2 U	6.3 U
Cadmium	ug/l	0.32 U	0.60 U	0.12 U	0.26 U	0.09 U
Chromium	ug/l	0.67 U	1.74 U	0.69 U	0.84 U	8.55 U
Lead	ug/l	1.9 U	2.1 U	<0.2 U	<0.2 U	<0.2 U
Mercury	ug/l	<0.02 U	<0.02 U	<0.02 U	<0.02 U	0.38 U
Nickel	ug/l	9.3 U	14.7 U	5.2 U	13.9 U	1.7 U
Selenium	ug/l	<0.5 U	<0.5 U	1.3 U	2.3 U	5.4 U
Benzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Toluene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Ethylbenzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
m+p-Xylene	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
o-Xylene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
TPH	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Friday 12 September 2008

Sample Location / Identification		BH601	BH602	BH603	BH604	BH604A
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled		28/08/08	28/08/08	28/08/08	28/08/08	28/08/08
Receipt Date		29/08/08	29/08/08	29/08/08	29/08/08	29/08/08
ECõS Sample ID		S0809634	S0809635	S0809636	S0809637	S0809638
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	µg/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#52	µg/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#101	µg/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#118	µg/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#153	µg/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#138	µg/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#180	µg/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Friday 12 September 2008

Sample Location / Identification		BH06	BH06A	BH607	BH608	SM1
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled		28/08/08	28/08/08	28/08/08	28/08/08	28/08/08
Receipt Date		29/08/08	29/08/08	29/08/08	29/08/08	29/08/08
ECõS Sample ID		S0809639	S0809640	S0809641	S0809642	S0809643
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
pH	N/A	7.3	7.5	7.3	7.3	7.4
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	0.05	<0.02	<0.02	<0.02	<0.02
Naphthalene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluorene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Phenanthrene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Anthracene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluoranthene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Pyrene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Benzo(a)anthracene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Chrysene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(b)+(j)fluoranthene	ug/l	0.02	<0.01	<0.01	<0.01	<0.01
Benzo(k)fluoranthene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)pyrene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	0.01	<0.01	<0.01	<0.01	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	0.02	<0.01	<0.01	<0.01	<0.01
Arsenic	ug/l	1.4 U	2.6 U	2.4 U	0.5 U	0.9 U
Cadmium	ug/l	0.39 U	0.03 U	0.17 U	0.01 U	<0.01 U
Chromium	ug/l	1.33 U	5.34 U	1.02 U	1.36 U	0.57 U
Lead	ug/l	5.3 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Mercury	ug/l	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.02 U
Nickel	ug/l	49.2 U	1.9 U	2.2 U	6.2 U	1.2 U
Selenium	ug/l	1.1 U	3.4 U	1.0 U	0.8 U	0.8 U
Benzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Toluene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Ethylbenzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
m+p-Xylene	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
o-Xylene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
TPH	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Friday 12 September 2008

Sample Location / Identification		BH06	BH06A	BH607	BH608	SM1
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled		28/08/08	28/08/08	28/08/08	28/08/08	28/08/08
Receipt Date		29/08/08	29/08/08	29/08/08	29/08/08	29/08/08
ECõS Sample ID		S0809639	S0809640	S0809641	S0809642	S0809643
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	µg/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#52	µg/l	<0.005 U	<0.005 U	0.016 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#101	µg/l	<0.005 U	<0.005 U	0.022 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#118	µg/l	<0.005 U	<0.005 U	0.014 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#153	µg/l	<0.005 U	<0.005 U	0.060 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#138	µg/l	<0.005 U	<0.005 U	0.077 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#180	µg/l	<0.005 U	<0.005 U	0.150 U	<0.005 U	<0.005 U

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Friday 12 September 2008

Sample Location / Identification	SM2
Top Depth / m	
Bottom Depth / m	
Sample No.	
Sample Type	
Date Sampled	28/08/08
Receipt Date	29/08/08
ECõS Sample ID	S0809644
Matrix Type	Ground Water

Determinand	Units	
pH	N/A	7.9
Phenols	ug/l	<0.5
PAH (sum of PAH 17)	ug/l	<0.02
Naphthalene	ug/l	<0.02
Acenaphthylene	ug/l	<0.02
Acenaphthene	ug/l	<0.02
Fluorene	ug/l	<0.02
Phenanthrene	ug/l	<0.02
Anthracene	ug/l	<0.02
Fluoranthene	ug/l	<0.02
Pyrene	ug/l	<0.02
Benzo(a)anthracene	ug/l	<0.01
Chrysene	ug/l	<0.01
Benzo(b)+(j)fluoranthene	ug/l	<0.01
Benzo(k)fluoranthene	ug/l	<0.01
Benzo(a)pyrene	ug/l	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01
Benzo(g,h,i)perylene	ug/l	<0.01
Arsenic	ug/l	1.1 U
Cadmium	ug/l	0.01 U
Chromium	ug/l	0.69 U
Lead	ug/l	<0.2 U
Mercury	ug/l	<0.02 U
Nickel	ug/l	1.1 U
Selenium	ug/l	<0.5 U
Benzene	ug/l	<1 U
Toluene	ug/l	<1 U
Ethylbenzene	ug/l	<1 U
m+p-Xylene	ug/l	<2 U
o-Xylene	ug/l	<1 U
TPH	mg/l	<0.05
TPH EC10-EC12	mg/l	<0.01
TPH EC12-EC16	mg/l	<0.01

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Friday 12 September 2008

Sample Location / Identification	SM2
Top Depth / m	
Bottom Depth / m	
Sample No.	
Sample Type	
Date Sampled	28/08/08
Receipt Date	29/08/08
ECõS Sample ID	S0809644
Matrix Type	Ground Water

Determinand	Units	
TPH EC16-EC21	mg/l	<0.01
TPH EC21-EC35	mg/l	<0.05
TPH EC35-EC40	mg/l	<0.05
TPH EC5-EC6	mg/l	<0.01
TPH EC6-EC8	mg/l	<0.01
TPH EC8-EC10	mg/l	<0.01
Polychlorinated biphenyl BZ#28	µg/l	<0.005 U
Polychlorinated biphenyl BZ#52	µg/l	<0.005 U
Polychlorinated biphenyl BZ#101	µg/l	<0.005 U
Polychlorinated biphenyl BZ#118	µg/l	<0.005 U
Polychlorinated biphenyl BZ#153	µg/l	<0.005 U
Polychlorinated biphenyl BZ#138	µg/l	<0.005 U
Polychlorinated biphenyl BZ#180	µg/l	<0.005 U

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Friday 12 September 2008

Notes and Preservation Details

PCB analyses undertaken by UKAS laboratory number 1549.

End of Test Report

Client: **Norwest Holst Ltd - Soil Engineering Div**
Parkside Lane
Dewsbury Road
LEEDS
West Yorkshire
LS11 5SX

FAO: Mr C Wilkinson

Test Report Number: R08/1530

Client Project Name:	**Durham Road, Newport**
Client Project Number:	**F15285**
Your Order Number:	**None Specified**
Order Receipt Date:	**05/09/08**
Reporting Date:	**Monday 22 September, 2008**

If you have any queries regarding this report please contact our Customer Services Section

ECõS Environmental Limited
Low Moor Business Park, Common Road, Bradford BD12 0NB
Tel: 01274 691122 Fax: 01274 608100

Client Project Name: Durham Road, Newport | **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 | **Reporting Date: Monday 22 September, 2008**

Comments

All analyses are carried out using the laboratory's standard methods unless otherwise agreed.

The test results in this report refer only to the actual samples on which testing has been performed.

Any opinions and/or interpretations expressed herein are outside the scope of the testing laboratory's UKAS accreditation.

The test report shall not be reproduced, except in full, without the testing laboratory's written approval.

This testing laboratory cannot be held responsible for the condition or suitability of samples submitted for testing by a third party or for the competency of personnel other than its own staff.

This laboratory cannot be held responsible for the accuracy of test sample locations or descriptions when supplied by a third party.

Soil Samples

Results are expressed on a dry mass basis. Assisted drying carried out @ 40°C.

See key in Notes section for explanation of numerical categories for asbestos results, if applicable.

All material is crushed if possible after assisted drying. Material which cannot be crushed is removed prior to analysis. See Notes section for details, if applicable.

Samples submitted for leachate determination were prepared using agreed procedures and analysed using UKAS accredited methodology where appropriate.

Results are expressed without correction for recovery factors.

Results marked with a ^{U} are UKAS accredited.

Sample Pretreatment (as listed in method statement)

AD = Assisted drying @ 40°C
R = As Received

Sample Type

B = Bulk disturbed sample
C = Core Sample
D = Small disturbed sample
ES = Environmental Soil Sample
P = Piston sample
U = Undisturbed sample - open drive
W = Water Sample
EW = Environmental Water Sample

Sample Results

Analysis not requested
*** Test not completed. Please see notes on last page

Signed:_____

For and on behalf of ECõS Environmental Limited

Approved signatories:

Name	Position
J R Brown	Business Development Manager
L Dewell	Production Manager
J Stoddart	Technical Manager

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Monday 22 September, 2008

Water Samples

Method Statement

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
pH	pH-meter	R	N/A	No	10/09/2008
Phenols	HPLC-EC	R	0.5 ug/l	No	12/09/2008
PAH (sum of PAH 17)	GC-MS	R	0.02 ug/l	No	17/09/2008
Naphthalene	GC-MS	R	0.02 ug/l	No	10/09/2008
Acenaphthylene	GC-MS	R	0.02 ug/l	No	10/09/2008
Acenaphthene	GC-MS	R	0.02 ug/l	No	18/09/2008
Fluorene	GC-MS	R	0.02 ug/l	No	18/09/2008
Phenanthrene	GC-MS	R	0.02 ug/l	No	18/09/2008
Anthracene	GC-MS	R	0.02 ug/l	No	18/09/2008
Fluoranthene	GC-MS	R	0.02 ug/l	No	18/09/2008
Pyrene	GC-MS	R	0.02 ug/l	No	18/09/2008
Benzo(a)anthracene	GC-MS	R	0.01 ug/l	No	18/09/2008
Chrysene	GC-MS	R	0.01 ug/l	No	18/09/2008
Benzo(b)+(j)fluoranthene	GC-MS	R	0.01 ug/l	No	18/09/2008
Benzo(k)fluoranthene	GC-MS	R	0.01 ug/l	No	18/09/2008
Benzo(a)pyrene	GC-MS	R	0.01 ug/l	No	18/09/2008
Indeno(1,2,3-cd)pyrene	GC-MS	R	0.01 ug/l	No	18/09/2008
Dibenz(a,h)anthracene	GC-MS	R	0.01 ug/l	No	18/09/2008
Benzo(g,h,i)perylene	GC-MS	R	0.01 ug/l	No	18/09/2008
Arsenic	ICP-MS	R	0.2 ug/l	No	11/09/2008
Cadmium	ICP-MS	R	0.01 ug/l	No	11/09/2008
Chromium	ICP-MS	R	0.07 ug/l	No	11/09/2008
Lead	ICP-MS	R	0.2 ug/l	No	11/09/2008
Mercury	ICP-MS	R	0.02 ug/l	No	11/09/2008
Nickel	ICP-MS	R	0.5 ug/l	No	11/09/2008
Selenium	ICP-MS	R	0.5 ug/l	No	11/09/2008
Benzene	HS-GC-MS	R	1 ug/l	No	11/09/2008
Toluene	HS-GC-MS	R	1 ug/l	No	11/09/2008
Ethylbenzene	HS-GC-MS	R	1 ug/l	No	11/09/2008
m+p-Xylene	HS-GC-MS	R	2 ug/l	No	11/09/2008
o-Xylene	HS-GC-MS	R	1 ug/l	No	11/09/2008
TPH	GC-FID	R	0.05 mg/l	No	11/09/2008
TPH EC10-EC12	GC-FID	R	0.01 mg/l	No	11/09/2008
TPH EC12-EC16	GC-FID	R	0.01 mg/l	No	11/09/2008
TPH EC16-EC21	GC-FID	R	0.01 mg/l	No	11/09/2008
TPH EC21-EC35	GC-FID	R	0.05 mg/l	No	11/09/2008
TPH EC35-EC40	GC-FID	R	0.05 mg/l	No	11/09/2008
TPH EC5-EC6	HS-GC-FID	R	0.01 mg/l	No	11/09/2008
TPH EC6-EC8	HS-GC-FID	R	0.01 mg/l	No	11/09/2008
TPH EC8-EC10	HS-GC-FID	R	0.01 mg/l	No	11/09/2008
Polychlorinated biphenyl BZ#28	GC-MS (HR)	R	0.005 ug/l	Yes	19/09/2008
Polychlorinated biphenyl BZ#52	GC-MS (HR)	R	0.005 ug/l	Yes	19/09/2008

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Monday 22 September, 2008

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
Polychlorinated biphenyl BZ#101	GC-MS (HR)	R	0.005 ug/l	Yes	19/09/2008
Polychlorinated biphenyl BZ#118	GC-MS (HR)	R	0.005 ug/l	Yes	19/09/2008
Polychlorinated biphenyl BZ#153	GC-MS (HR)	R	0.005 ug/l	Yes	19/09/2008
Polychlorinated biphenyl BZ#138	GC-MS (HR)	R	0.005 ug/l	Yes	19/09/2008
Polychlorinated biphenyl BZ#180	GC-MS (HR)	R	0.005 ug/l	Yes	19/09/2008

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Monday 22 September, 2008

Sample Location		BH601	BH602	BH603	BH604	BH604A
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled		04/09/08	04/09/08	04/09/08	04/09/08	04/09/08
Receipt Date		05/09/08	05/09/08	05/09/08	05/09/08	05/09/08
ECõS Sample ID		S0809756	S0809757	S0809758	S0809759	S0809760
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
pH	N/A	7.2	6.9	7.1	7.0	7.6
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	0.04	<0.02	<0.02	0.24	<0.02
Naphthalene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluorene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Phenanthrene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Anthracene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluoranthene	ug/l	<0.02	<0.02	<0.02	0.05	<0.02
Pyrene	ug/l	<0.02	<0.02	<0.02	0.04	<0.02
Benzo(a)anthracene	ug/l	<0.01	<0.01	<0.01	0.03	<0.01
Chrysene	ug/l	<0.01	<0.01	<0.01	0.03	<0.01
Benzo(b)+(j)fluoranthene	ug/l	0.02	<0.01	<0.01	0.04	<0.01
Benzo(k)fluoranthene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)pyrene	ug/l	0.01	<0.01	<0.01	0.03	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	<0.01	<0.01	<0.01	0.02	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	0.01	<0.01	<0.01	0.02	<0.01
Arsenic	ug/l	1.1 U	0.9 U	3.4 U	0.3 U	8.9 U
Cadmium	ug/l	0.39 U	0.75 U	0.11 U	0.24 U	0.03 U
Chromium	ug/l	2.04 U	2.66 U	2.66 U	1.98 U	12.79 U
Lead	ug/l	2.0 U	2.4 U	<0.2 U	0.2 U	<0.2 U
Mercury	ug/l	0.03 U	0.02 U	<0.02 U	<0.02 U	0.02 U
Nickel	ug/l	8.6 U	21.4 U	4.0 U	11.5 U	0.7 U
Selenium	ug/l	2.4 U	<0.5 U	1.3 U	2.5 U	7.9 U
Benzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Toluene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Ethylbenzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
m+p-Xylene	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
o-Xylene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
TPH	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Monday 22 September, 2008

Sample Location		BH601	BH602	BH603	BH604	BH604A
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled		04/09/08	04/09/08	04/09/08	04/09/08	04/09/08
Receipt Date		05/09/08	05/09/08	05/09/08	05/09/08	05/09/08
ECõS Sample ID		S0809756	S0809757	S0809758	S0809759	S0809760
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#52	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#101	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#118	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#153	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#138	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#180	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Monday 22 September, 2008

Sample Location		BH606	BH606A	BH608
Top Depth / m				
Bottom Depth / m				
Sample No.				
Sample Type				
Date Sampled		04/09/08	04/09/08	04/09/08
Receipt Date		05/09/08	05/09/08	05/09/08
ECõS Sample ID		S0809761	S0809762	S0809763
Matrix Type		Ground Water	Ground Water	Ground Water
Determinand	**Units**			
pH	N/A	7.3	7.3	6.9
Phenols	ug/l	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	0.25	<0.02	<0.02
Naphthalene	ug/l	<0.02	<0.02	<0.02
Acenaphthylene	ug/l	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	<0.02
Fluorene	ug/l	<0.02	<0.02	<0.02
Phenanthrene	ug/l	<0.02	<0.02	<0.02
Anthracene	ug/l	<0.02	<0.02	<0.02
Fluoranthene	ug/l	<0.02	<0.02	<0.02
Pyrene	ug/l	<0.02	<0.02	<0.02
Benzo(a)anthracene	ug/l	0.02	<0.01	<0.01
Chrysene	ug/l	0.03	<0.01	<0.01
Benzo(b)+(j)fluoranthene	ug/l	0.03	<0.01	<0.01
Benzo(k)fluoranthene	ug/l	0.04	<0.01	<0.01
Benzo(a)pyrene	ug/l	0.02	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	0.04	<0.01	<0.01
Dibenz(a,h)anthracene	ug/l	0.04	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	0.04	<0.01	<0.01
Arsenic	ug/l	1.2 U	3.8 U	1.4 U
Cadmium	ug/l	0.24 U	0.02 U	0.02 U
Chromium	ug/l	2.33 U	8.20 U	1.48 U
Lead	ug/l	13.0 U	<0.2 U	0.4 U
Mercury	ug/l	<0.02 U	<0.02 U	<0.02 U
Nickel	ug/l	2.9 U	1.1 U	8.0 U
Selenium	ug/l	0.7 U	5.2 U	1.1 U
Benzene	ug/l	<1 U	<1 U	<1 U
Toluene	ug/l	<1 U	<1 U	<1 U
Ethylbenzene	ug/l	<1 U	<1 U	<1 U
m+p-Xylene	ug/l	<2 U	<2 U	<2 U
o-Xylene	ug/l	<1 U	<1 U	<1 U
TPH	mg/l	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Monday 22 September, 2008

	Sample Location	BH606	BH606A	BH608
	Top Depth / m			
	Bottom Depth / m			
	Sample No.			
	Sample Type			
	Date Sampled	04/09/08	04/09/08	04/09/08
	Receipt Date	05/09/08	05/09/08	05/09/08
	ECõS Sample ID	S0809761	S0809762	S0809763
	Matrix Type	Ground Water	Ground Water	Ground Water
Determinand	**Units**			
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	ug/l	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#52	ug/l	<0.005 U	<0.005 U	0.013 U
Polychlorinated biphenyl BZ#101	ug/l	0.009 U	<0.005 U	0.014 U
Polychlorinated biphenyl BZ#118	ug/l	<0.005 U	<0.005 U	0.010 U
Polychlorinated biphenyl BZ#153	ug/l	0.006 U	<0.005 U	0.011 U
Polychlorinated biphenyl BZ#138	ug/l	0.009 U	<0.005 U	0.021 U
Polychlorinated biphenyl BZ#180	ug/l	<0.005 U	<0.005 U	0.013 U

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Monday 22 September, 2008

Notes and Preservation Details

PCB analyses undertaken by UKAS laboratory number 1549.

End of Test Report

Client: **Norwest Holst Ltd - Soil Engineering Div**
Parkside Lane
Dewsbury Road
LEEDS
West Yorkshire
LS11 5SX

FAO: Mr C Wilkinson

Test Report Number: R08/1552

Client Project Name:	**Durham Road, Newport**
Client Project Number:	**F15285**
Your Order Number:	**F15285**
Order Receipt Date:	**11/09/08**
Reporting Date:	**Monday 29 September 2008**

If you have any queries regarding this report please contact our Customer Services Section

ECõS Environmental Limited
Low Moor Business Park, Common Road, Bradford BD12 0NB
Tel: 01274 691122 Fax: 01274 608100

Client Project Name: Durham Road, Newport | **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 | **Reporting Date: Monday 29 September 2008**

Comments

All analyses are carried out using the laboratory's standard methods unless otherwise agreed.

The test results in this report refer only to the actual samples on which testing has been performed.

Any opinions and/or interpretations expressed herein are outside the scope of the testing laboratory's UKAS accreditation.

The test report shall not be reproduced, except in full, without the testing laboratory's written approval.

This testing laboratory cannot be held responsible for the condition or suitability of samples submitted for testing by a third party or for the competency of personnel other than its own staff.

This testing laboratory cannot be held responsible for the accuracy of test sample locations or descriptions when supplied by a third party.

Soil Samples

Results are expressed on a dried mass basis. Assisted drying carried out @ 40°C.

See key in Notes section for explanation of numerical categories for asbestos results, if applicable.

All material is crushed if possible after assisted drying. Material which cannot be crushed is removed prior to analysis. See Notes section for details, if applicable.

Samples submitted for leachate determination were prepared using agreed procedures and analysed using UKAS accredited methodology where appropriate.

Results are expressed without correction for recovery factors.

Results marked with a ^{U} are UKAS accredited.

Sample Pretreatment (as listed in method statement)

AD = Assisted drying @ 40°C R = As Received

Sample Type

B = Bulk disturbed sample
C = Core Sample
D = Small disturbed sample
ES = Environmental Soil Sample
P = Piston sample
U = Undisturbed sample - open drive
W = Water Sample
EW = Environmental Water Sample

Sample Results

Analysis not requested
*** Test not completed. Please see notes on last page

Signed:_____

For and on behalf of ECõS Environmental Limited

Approved signatories:

Name	Position
J R Brown	Business Development Manager
L Dewell	Production Manager
J Stoddart	Technical Manager

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Monday 29 September 2008

Water Samples

Method Statement

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
pH	pH-meter	R	N/A	No	25/09/08
Phenols	HPLC-EC	R	0.5 ug/l	No	22/09/08
PAH (sum of PAH 17)	GC-MS	R	0.02 ug/l	No	25/09/08
Naphthalene	GC-MS	R	0.02 ug/l	No	25/09/08
Acenaphthylene	GC-MS	R	0.02 ug/l	No	25/09/08
Acenaphthene	GC-MS	R	0.02 ug/l	No	25/09/08
Fluorene	GC-MS	R	0.02 ug/l	No	25/09/08
Phenanthrene	GC-MS	R	0.02 ug/l	No	25/09/08
Anthracene	GC-MS	R	0.02 ug/l	No	25/09/08
Fluoranthene	GC-MS	R	0.02 ug/l	No	25/09/08
Pyrene	GC-MS	R	0.02 ug/l	No	25/09/08
Benzo(a)anthracene	GC-MS	R	0.01 ug/l	No	25/09/08
Chrysene	GC-MS	R	0.01 ug/l	No	25/09/08
Benzo(b)+(j)fluoranthene	GC-MS	R	0.01 ug/l	No	25/09/08
Benzo(k)fluoranthene	GC-MS	R	0.01 ug/l	No	25/09/08
Benzo(a)pyrene	GC-MS	R	0.01 ug/l	No	25/09/08
Indeno(1,2,3-cd)pyrene	GC-MS	R	0.01 ug/l	No	25/09/08
Dibenz(a,h)anthracene	GC-MS	R	0.01 ug/l	No	25/09/08
Benzo(g,h,i)perylene	GC-MS	R	0.01 ug/l	No	25/09/08
Arsenic	ICP-MS	R	0.2 ug/l	No	18/09/08
Cadmium	ICP-MS	R	0.01 ug/l	No	18/09/08
Chromium	ICP-MS	R	0.07 ug/l	No	18/09/08
Lead	ICP-MS	R	0.2 ug/l	No	18/09/08
Mercury	ICP-MS	R	0.02 ug/l	No	18/09/08
Nickel	ICP-MS	R	0.5 ug/l	No	18/09/08
Selenium	ICP-MS	R	0.5 ug/l	No	18/09/08
Benzene	HS-GC-MS	R	1 ug/l	No	23/09/08
Toluene	HS-GC-MS	R	1 ug/l	No	23/09/08
Ethylbenzene	HS-GC-MS	R	1 ug/l	No	23/09/08
m+p-Xylene	HS-GC-MS	R	2 ug/l	No	23/09/08
o-Xylene	HS-GC-MS	R	1 ug/l	No	23/09/08
TPH LL	GC-FID	R	0.05 mg/l	No	23/09/08
TPH EC10-EC12	GC-FID	R	0.01 mg/l	No	23/09/08
TPH EC12-EC16	GC-FID	R	0.01 mg/l	No	23/09/08
TPH EC16-EC21	GC-FID	R	0.01 mg/l	No	23/09/08
TPH EC21-EC35	GC-FID	R	0.05 mg/l	No	23/09/08
TPH EC35-EC40	GC-FID	R	0.05 mg/l	No	23/09/08
TPH EC5-EC6	HS-GC-FID	R	0.01 mg/l	No	18/09/08
TPH EC6-EC8	HS-GC-FID	R	0.01 mg/l	No	18/09/08
TPH EC8-EC10	HS-GC-FID	R	0.01 mg/l	No	18/09/08
Polychlorinated biphenyl BZ#101	GC-MS	R	0.005 ug/l	Yes	23/09/08
Polychlorinated biphenyl BZ#118	GC-MS	R	0.005 ug/l	Yes	23/09/08

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Monday 29 September 2008

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
Polychlorinated biphenyl BZ#138	GC-MS	R	0.005 ug/l	Yes	23/09/08
Polychlorinated biphenyl BZ#153	GC-MS	R	0.005 ug/l	Yes	23/09/08
Polychlorinated biphenyl BZ#180	GC-MS	R	0.005 ug/l	Yes	23/09/08
Polychlorinated biphenyl BZ#28	GC-MS	R	0.005 ug/l	Yes	23/09/08
Polychlorinated biphenyl BZ#52	GC-MS	R	0.005 ug/l	Yes	23/09/08

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Monday 29 September 2008

Sample Location / Identification		BH601	BH602	BH603	BH604	BH604A
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type		W	W	W	W	W
Date Sampled		10/09/08	10/09/08	10/09/08	10/09/08	10/09/08
Receipt Date		11/09/08	11/09/08	11/09/08	11/09/08	11/09/08
ECõS Sample ID		S0809876	S0809877	S0809878	S0809879	S0809880
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
pH	N/A	7.5	7.6	7.3	7.2	8.0
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	<0.02	4.25	<0.02	7.86	1.13
Naphthalene	ug/l	<0.02	0.07	<0.02	0.06	0.35
Acenaphthylene	ug/l	<0.02	0.06	<0.02	0.08	0.02
Acenaphthene	ug/l	<0.02	0.04	<0.02	0.04	0.06
Fluorene	ug/l	<0.02	0.05	<0.02	0.05	0.19
Phenanthrene	ug/l	<0.02	0.25	<0.02	0.47	0.37
Anthracene	ug/l	<0.02	0.08	<0.02	0.13	0.04
Fluoranthene	ug/l	<0.02	0.37	<0.02	1.05	<0.02
Pyrene	ug/l	<0.02	0.35	<0.02	0.92	0.09
Benzo(a)anthracene	ug/l	<0.01	0.35	<0.01	0.64	<0.01
Chrysene	ug/l	<0.01	0.39	<0.01	0.74	<0.01
Benzo(b)+(j)fluoranthene	ug/l	<0.01	0.71	<0.01	1.15	<0.01
Benzo(k)fluoranthene	ug/l	<0.01	0.25	<0.01	0.35	<0.01
Benzo(a)pyrene	ug/l	<0.01	0.44	<0.01	0.69	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	<0.01	0.34	<0.01	0.66	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	0.10	<0.01	0.20	<0.01
Benzo(g,h,i)perylene	ug/l	<0.01	0.41	<0.01	0.64	<0.01
Arsenic	ug/l	1.0 U	1.0 U	4.4 U	0.8 U	7.4 U
Cadmium	ug/l	0.35 U	0.37 U	0.05 U	0.30 U	<0.01 U
Chromium	ug/l	1.26 U	2.07 U	0.68 U	1.62 U	10.42 U
Lead	ug/l	1.7 U	0.6 U	<0.2 U	<0.2 U	<0.2 U
Mercury	ug/l	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.02 U
Nickel	ug/l	7.1 U	13.8 U	3.0 U	16.8 U	0.7 U
Selenium	ug/l	2.0 U	<0.5 U	3.0 U	5.2 U	<0.5 U
Benzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Toluene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Ethylbenzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
m+p-Xylene	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
o-Xylene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
TPH	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Monday 29 September 2008

Sample Location / Identification		BH601	BH602	BH603	BH604	BH604A
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type		W	W	W	W	W
Date Sampled		10/09/08	10/09/08	10/09/08	10/09/08	10/09/08
Receipt Date		11/09/08	11/09/08	11/09/08	11/09/08	11/09/08
ECõS Sample ID		S0809876	S0809877	S0809878	S0809879	S0809880
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#52	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#101	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#118	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#153	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#138	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#180	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Monday 29 September 2008

Sample Location / Identification		BH606	BH606A	BH607	BH608
Top Depth / m					
Bottom Depth / m					
Sample No.					
Sample Type		W	W	W	W
Date Sampled		10/09/08	10/09/08	10/09/08	10/09/08
Receipt Date		11/09/08	11/09/08	11/09/08	11/09/08
ECõS Sample ID		S0809881	S0809882	S0809883	S0809884
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**				
pH	N/A	7.6	7.6	7.5	7.5
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	0.04	<0.02	<0.02	<0.02
Naphthalene	ug/l	<0.02	<0.02	<0.02	<0.02
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	<0.02	<0.02
Fluorene	ug/l	<0.02	<0.02	<0.02	<0.02
Phenanthrene	ug/l	<0.02	<0.02	<0.02	<0.02
Anthracene	ug/l	<0.02	<0.02	<0.02	<0.02
Fluoranthene	ug/l	<0.02	<0.02	<0.02	<0.02
Pyrene	ug/l	<0.02	<0.02	<0.02	<0.02
Benzo(a)anthracene	ug/l	<0.01	<0.01	<0.01	<0.01
Chrysene	ug/l	<0.01	<0.01	<0.01	<0.01
Benzo(b)+(j)fluoranthene	ug/l	<0.01	<0.01	<0.01	<0.01
Benzo(k)fluoranthene	ug/l	<0.01	<0.01	<0.01	<0.01
Benzo(a)pyrene	ug/l	<0.01	<0.01	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	<0.01	<0.01	<0.01	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	<0.01	<0.01	<0.01	<0.01
Arsenic	ug/l	1.8 U	3.3 U	3.8 U	1.0 U
Cadmium	ug/l	0.35 U	<0.01 U	0.05 U	0.04 U
Chromium	ug/l	1.89 U	4.52 U	1.83 U	1.12 U
Lead	ug/l	6.5 U	<0.2 U	0.4 U	<0.2 U
Mercury	ug/l	<0.02 U	<0.02 U	<0.02 U	<0.02 U
Nickel	ug/l	5.7 U	7.3 U	1.3 U	6.2 U
Selenium	ug/l	1.0 U	2.2 U	2.7 U	<0.5 U
Benzene	ug/l	<1 U	<1 U	<1 U	<1 U
Toluene	ug/l	<1 U	<1 U	<1 U	<1 U
Ethylbenzene	ug/l	<1 U	<1 U	<1 U	<1 U
m+p-Xylene	ug/l	<2 U	<2 U	<2 U	<2 U
o-Xylene	ug/l	<1 U	<1 U	<1 U	<1 U
TPH	mg/l	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Monday 29 September 2008

Sample Location / Identification		BH606	BH606A	BH607	BH608
Top Depth / m					
Bottom Depth / m					
Sample No.					
Sample Type		W	W	W	W
Date Sampled		10/09/08	10/09/08	10/09/08	10/09/08
Receipt Date		11/09/08	11/09/08	11/09/08	11/09/08
ECõS Sample ID		S0809881	S0809882	S0809883	S0809884
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**				
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#52	ug/l	<0.005 U	<0.005 U	0.013 U	0.015 U
Polychlorinated biphenyl BZ#101	ug/l	<0.005 U	<0.005 U	0.017 U	0.022 U
Polychlorinated biphenyl BZ#118	ug/l	<0.005 U	<0.005 U	<0.005 U	0.007 U
Polychlorinated biphenyl BZ#153	ug/l	<0.005 U	<0.005 U	0.009 U	0.016 U
Polychlorinated biphenyl BZ#138	ug/l	<0.005 U	<0.005 U	0.013 U	0.021 U
Polychlorinated biphenyl BZ#180	ug/l	<0.005 U	<0.005 U	0.005 U	0.009 U

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Monday 29 September 2008

Notes and Preservation Details

PCB analyses undertaken by UKAS laboratory number 1549.

End of Test Report

Client: **Norwest Holst Ltd - Soil Engineering Div**
Parkside Lane
Dewsbury Road
LEEDS
West Yorkshire
LS11 5SX

FAO: Mr C Wilkinson

Test Report Number: R08/1599

Client Project Name:	**Durham Road, Newport**
Client Project Number:	**F15285**
Your Order Number:	**F15285**
Order Receipt Date:	**19/09/08**
Reporting Date:	**Monday 6 October 2008**

If you have any queries regarding this report please contact our Customer Services Section

ECõS Environmental Limited
Low Moor Business Park, Common Road, Bradford BD12 0NB
Tel: 01274 691122 Fax: 01274 608100

Client Project Name: Durham Road, Newport | **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 | **Reporting Date: Monday 6 October 2008**

Comments

All analyses are carried out using the laboratory's standard methods unless otherwise agreed.

The test results in this report refer only to the actual samples on which testing has been performed.

Any opinions and/or interpretations expressed herein are outside the scope of the testing laboratory's UKAS accreditation.

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This testing laboratory cannot be held responsible for the accuracy of test sample locations or descriptions when supplied by a third party.

Soil Samples

Results are expressed on a dried mass basis. Assisted drying carried out @ 40°C.

See key in Notes section for explanation of numerical categories for asbestos results, if applicable.

All material is crushed if possible after assisted drying. Material which cannot be crushed is removed prior to analysis. See Notes section for details, if applicable.

Samples submitted for leachate determination were prepared using agreed procedures and analysed using UKAS accredited methodology where appropriate.

Results are expressed without correction for recovery factors.

Results marked with a ^{U} are UKAS accredited.

Sample Pretreatment (as listed in method statement)

AD = Assisted drying @ 40°C R = As Received

Sample Type

B = Bulk disturbed sample
C = Core Sample
D = Small disturbed sample
ES = Environmental Soil Sample
P = Piston sample
U = Undisturbed sample - open drive
W = Water Sample
EW = Environmental Water Sample

Sample Results

Analysis not requested
*** Test not completed. Please see notes on last page

Signed:_____

For and on behalf of ECõS Environmental Limited

Approved signatories:

Name	Position
J R Brown	Business Development Manager
L Dewell	Production Manager
J Stoddart	Technical Manager

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Monday 6 October 2008

Water Samples

Method Statement

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
pH	pH-meter	R	N/A	No	26/09/08
Phenols	HPLC-EC	R	0.5 ug/l	No	23/09/08
PAH (sum of PAH 17)	GC-MS	R	0.02 ug/l	No	26/09/08
Naphthalene	GC-MS	R	0.02 ug/l	No	26/09/08
Acenaphthylene	GC-MS	R	0.02 ug/l	No	26/09/08
Acenaphthene	GC-MS	R	0.02 ug/l	No	26/09/08
Fluorene	GC-MS	R	0.02 ug/l	No	02/10/08
Phenanthrene	GC-MS	R	0.02 ug/l	No	02/10/08
Anthracene	GC-MS	R	0.02 ug/l	No	02/10/08
Fluoranthene	GC-MS	R	0.02 ug/l	No	02/10/08
Pyrene	GC-MS	R	0.02 ug/l	No	02/10/08
Benzo(a)anthracene	GC-MS	R	0.01 ug/l	No	02/10/08
Chrysene	GC-MS	R	0.01 ug/l	No	02/10/08
Benzo(b)+(j)fluoranthene	GC-MS	R	0.01 ug/l	No	02/10/08
Benzo(k)fluoranthene	GC-MS	R	0.01 ug/l	No	02/10/08
Benzo(a)pyrene	GC-MS	R	0.01 ug/l	No	02/10/08
Indeno(1,2,3-cd)pyrene	GC-MS	R	0.01 ug/l	No	02/10/08
Dibenz(a,h)anthracene	GC-MS	R	0.01 ug/l	No	02/10/08
Benzo(g,h,i)perylene	GC-MS	R	0.01 ug/l	No	02/10/08
Arsenic	ICP-MS	R	0.2 ug/l	No	23/09/08
Cadmium	ICP-MS	R	0.01 ug/l	No	23/09/08
Chromium	ICP-MS	R	0.07 ug/l	No	23/09/08
Lead	ICP-MS	R	0.2 ug/l	No	23/09/08
Mercury	ICP-MS	R	0.02 ug/l	No	23/09/08
Nickel	ICP-MS	R	0.5 ug/l	No	23/09/08
Selenium	ICP-MS	R	0.5 ug/l	No	23/09/08
Benzene	HS-GC-MS	R	1 ug/l	No	01/10/08
Toluene	HS-GC-MS	R	1 ug/l	No	01/10/08
Ethylbenzene	HS-GC-MS	R	1 ug/l	No	01/10/08
m+p-Xylene	HS-GC-MS	R	2 ug/l	No	01/10/08
o-Xylene	HS-GC-MS	R	1 ug/l	No	01/10/08
TPH	GC-FID	R	0.05 mg/l	No	01/10/08
TPH EC10-EC12	GC-FID	R	0.01 mg/l	No	01/10/08
TPH EC12-EC16	GC-FID	R	0.01 mg/l	No	01/10/08
TPH EC16-EC21	GC-FID	R	0.01 mg/l	No	01/10/08
TPH EC21-EC35	GC-FID	R	0.05 mg/l	No	01/10/08
TPH EC35-EC40	GC-FID	R	0.05 mg/l	No	01/10/08
TPH EC5-EC6	HS-GC-FID	R	0.01 mg/l	No	01/10/08
TPH EC6-EC8	HS-GC-FID	R	0.01 mg/l	No	01/10/08
TPH EC8-EC10	HS-GC-FID	R	0.01 mg/l	No	01/10/08
Polychlorinated biphenyl BZ#28	GC-MS	R	0.005 ug/l	Yes	06/10/08
Polychlorinated biphenyl BZ#52	GC-MS	R	0.005 ug/l	Yes	06/10/08

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Monday 6 October 2008

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
Polychlorinated biphenyl BZ#101	GC-MS	R	0.005 ug/l	Yes	06/10/08
Polychlorinated biphenyl BZ#118	GC-MS	R	0.005 ug/l	Yes	06/10/08
Polychlorinated biphenyl BZ#153	GC-MS	R	0.005 ug/l	Yes	06/10/08
Polychlorinated biphenyl BZ#138	GC-MS	R	0.005 ug/l	Yes	06/10/08
Polychlorinated biphenyl BZ#180	GC-MS	R	0.005 ug/l	Yes	06/10/08

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Monday 6 October 2008

Sample Location / Identification		BH601	BH602	BH603	WT01	BH604
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type		W	W	W	W	W
Date Sampled		18/09/08	18/09/08	18/09/08	18/09/08	18/09/08
Receipt Date		19/09/08	19/09/08	19/09/08	19/09/08	19/09/08
ECõS Sample ID		S0810248	S0810249	S0810250	S0810251	S0810252
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
pH	N/A	7.6	7.3	7.5	8.1	7.7
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	<0.02	0.14	0.12	<0.02	0.73
Naphthalene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluorene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Phenanthrene	ug/l	<0.02	<0.02	<0.02	<0.02	0.04
Anthracene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluoranthene	ug/l	<0.02	<0.02	<0.02	<0.02	0.10
Pyrene	ug/l	<0.02	<0.02	<0.02	<0.02	0.08
Benzo(a)anthracene	ug/l	<0.01	0.01	0.02	<0.01	0.06
Chrysene	ug/l	<0.01	0.02	0.02	<0.01	0.08
Benzo(b)+(j)fluoranthene	ug/l	<0.01	0.04	0.03	<0.01	0.11
Benzo(k)fluoranthene	ug/l	<0.01	0.01	0.01	<0.01	0.04
Benzo(a)pyrene	ug/l	<0.01	0.02	0.01	<0.01	0.08
Indeno(1,2,3-cd)pyrene	ug/l	<0.01	0.01	0.01	<0.01	0.06
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	<0.01	0.02
Benzo(g,h,i)perylene	ug/l	<0.01	0.02	0.02	<0.01	0.06
Arsenic	ug/l	1.4 U	1.8 U	6.8 U	24.3 U	0.5 U
Cadmium	ug/l	0.36 U	0.22 U	0.09 U	0.10 U	0.30 U
Chromium	ug/l	1.81 U	2.97 U	2.24 U	2.12 U	1.83 U
Lead	ug/l	2.8 U	0.4 U	<0.2 U	6.7 U	<0.2 U
Mercury	ug/l	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.02 U
Nickel	ug/l	8.4 U	8.9 U	4.7 U	19.8 U	7.4 U
Selenium	ug/l	0.7 U	0.7 U	2.7 U	0.5 U	2.9 U
Benzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Toluene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Ethylbenzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
m+p-Xylene	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
o-Xylene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
TPH	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Monday 6 October 2008

Sample Location / Identification		BH601	BH602	BH603	WT01	BH604
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type		W	W	W	W	W
Date Sampled		18/09/08	18/09/08	18/09/08	18/09/08	18/09/08
Receipt Date		19/09/08	19/09/08	19/09/08	19/09/08	19/09/08
ECõS Sample ID		S0810248	S0810249	S0810250	S0810251	S0810252
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#52	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#101	ug/l	<0.005 U	<0.005 U	<0.005 U	0.007 U	<0.005 U
Polychlorinated biphenyl BZ#118	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#153	ug/l	<0.005 U	<0.005 U	<0.005 U	0.007 U	<0.005 U
Polychlorinated biphenyl BZ#138	ug/l	<0.005 U	<0.005 U	<0.005 U	0.010 U	<0.005 U
Polychlorinated biphenyl BZ#180	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Monday 6 October 2008

Sample Location / Identification		BH604A	BH606	BH606A	BH607	BH608
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type		W	W	W	W	W
Date Sampled		18/09/08	18/09/08	18/09/08	18/09/08	18/09/08
Receipt Date		19/09/08	19/09/08	19/09/08	19/09/08	19/09/08
ECõS Sample ID		S0810253	S0810254	S0810255	S0810256	S0810257
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
pH	N/A	8.0	7.5	7.7	7.6	7.6
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	<0.02	0.42	<0.02	<0.02	0.72
Naphthalene	ug/l	<0.02	<0.02	<0.02	<0.02	0.20
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	<0.02	<0.02	0.19
Fluorene	ug/l	<0.02	<0.02	<0.02	<0.02	0.05
Phenanthrene	ug/l	<0.02	0.06	<0.02	<0.02	0.02
Anthracene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluoranthene	ug/l	<0.02	0.05	<0.02	<0.02	0.04
Pyrene	ug/l	<0.02	0.04	<0.02	<0.02	0.03
Benzo(a)anthracene	ug/l	<0.01	0.04	<0.01	<0.01	0.02
Chrysene	ug/l	<0.01	0.04	<0.01	<0.01	0.03
Benzo(b)+(j)fluoranthene	ug/l	<0.01	0.06	<0.01	<0.01	0.04
Benzo(k)fluoranthene	ug/l	<0.01	0.02	<0.01	<0.01	0.02
Benzo(a)pyrene	ug/l	<0.01	0.05	<0.01	<0.01	0.03
Indeno(1,2,3-cd)pyrene	ug/l	<0.01	0.04	<0.01	<0.01	0.02
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	<0.01	0.04	<0.01	<0.01	0.02
Arsenic	ug/l	7.5 U	1.8 U	6.4 U	3.8 U	1.1 U
Cadmium	ug/l	0.01 U	0.49 U	<0.01 U	0.07 U	0.03 U
Chromium	ug/l	11.69 U	2.86 U	9.56 U	2.82 U	3.03 U
Lead	ug/l	<0.2 U	<0.2 U	<0.2 U	1.0 U	<0.2 U
Mercury	ug/l	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.02 U
Nickel	ug/l	0.6 U	10.5 U	0.9 U	1.3 U	5.0 U
Selenium	ug/l	<0.5 U	1.1 U	0.6 U	1.6 U	<0.5 U
Benzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Toluene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Ethylbenzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
m+p-Xylene	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
o-Xylene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
TPH	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Monday 6 October 2008

Sample Location / Identification		BH604A	BH606	BH606A	BH607	BH608
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type		W	W	W	W	W
Date Sampled		18/09/08	18/09/08	18/09/08	18/09/08	18/09/08
Receipt Date		19/09/08	19/09/08	19/09/08	19/09/08	19/09/08
ECõS Sample ID		S0810253	S0810254	S0810255	S0810256	S0810257
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#52	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#101	ug/l	<0.005 U	<0.005 U	<0.005 U	0.009 U	0.005 U
Polychlorinated biphenyl BZ#118	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#153	ug/l	<0.005 U	<0.005 U	<0.005 U	0.012 U	<0.005 U
Polychlorinated biphenyl BZ#138	ug/l	<0.005 U	<0.005 U	<0.005 U	0.012 U	<0.005 U
Polychlorinated biphenyl BZ#180	ug/l	<0.005 U	<0.005 U	<0.005 U	0.009 U	<0.005 U

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Monday 6 October 2008

Notes and Preservation Details

PCB analyses undertaken by UKAS laboratory number 1549.

End of Test Report

ECoS REPORT NO.		081638	F15285	Durham Ro	Norwest Holst Limited - Soil Engineering Division								
DATE ISSUED		30/10/08											
HOLE NO/SAMPLE ID		BH601	BH602	BH603	BH604	BH604A	BH606	BH606A	BH607	BH608	WT02	SM01	SM02
SAMPLE DEPTH													
SAMPLE NO.													
SAMPLE TYPE													
DATE SAMPLED													
RECEIPT DATE		26/09/08	26/09/08	26/09/08	26/09/08	26/09/08	26/09/08	26/09/08	26/09/08	26/09/08	26/09/08	26/09/08	26/09/08
OUR REF.		S0810537	S0810538	S0810539	S0810540	S0810541	S0810542	S0810543	S0810544	S0810545	S0810546	S0810547	S0810548
MATRIX		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
pH	N/A	7.5	7.3	7.8	7.5	8	7.6	7.6	7.5	7.3	7.7	8.1	7.5
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	<0.02	<0.02	<0.02	0.1	0.051	0.2	<0.02	<0.02	0.6	<0.02	<0.02	0.36
Naphthalene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.16	<0.02	<0.02	0.02
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	<0.02	<0.02	0.05	<0.02	<0.02	<0.02	0.33	<0.02	<0.02	<0.02
Fluorene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.07	<0.02	<0.02	0.02
Phenanthrene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.07
Anthracene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluoranthene	ug/l	<0.02	<0.02	<0.02	0.02	<0.02	0.05	<0.02	<0.02	0.03	<0.02	<0.02	0.09
Pyrene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	0.07
Benzo(a)anthracene	ug/l	<0.01	<0.01	<0.01	0.02	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
Chrysene	ug/l	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.05
Benzo(b)+(j)fluoranthene	ug/l	<0.01	<0.01	<0.01	0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
Benzo(k)fluoranthene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)pyrene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Arsenic	ug/l	1.5	1.1	2.9	0.4	8.5	1.3	3.4	3.9	0.8	7.1	1.4	2
Cadmium	ug/l	0.32	0.35	0.13	0.13	0.04	0.37	0.01	0.15	0.08	0.02	0.01	<0.01
Chromium	ug/l	1.98	3.43	1.77	2.5	12.48	2.85	10.55	3.02	3.26	2.3	1.3	2.22
Lead	ug/l	1.9	0.8	<0.2	0.3	<0.2	0.4	<0.2	0.4	0.2	1.2	<0.2	<0.2
Mercury	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Nickel	ug/l	8.9	9.7	6.9	5.6	1.3	7	0.9	2.4	3.7	12.1	1.4	1.6
Selenium	ug/l	1.5	0.6	2.2	2.3	0.6	0.7	<0.5	1.6	<0.5	0.5	1.1	1.1
Benzene	ug/l	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	ug/l	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	ug/l	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
m+p-Xylene	ug/l	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
o-Xylene	ug/l	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TPH	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#52	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#101	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.007	<0.005	<0.005
Polychlorinated biphenyl BZ#118	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#153	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.006	<0.005	<0.005
Polychlorinated biphenyl BZ#138	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.01	<0.005	<0.005
Polychlorinated biphenyl BZ#180	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

ECoS REPORT NO.		081666	Durham Rd			
DATE ISSUED		27/10/08	F15285			
HOLE NO/SAMPLE ID		BH608	WT03	BH602	BH604A	BH606A
SAMPLE DEPTH						
SAMPLE NO.						
SAMPLE TYPE		A.B	A.B	A.B	A.B	A.B
DATE SAMPLED						
RECEIPT DATE		03/10/08	03/10/08	03/10/08	03/10/08	03/10/08
OUR REF.		S0810724	S0810725	S0810726	S0810727	S0810728
MATRIX		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
pH	N/A	7.5	8	7.2	8.2	7.8
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	1.15	0.17	<0.02	<0.02	<0.02
Naphthalene	ug/l	0.1	0.05	<0.02	<0.02	<0.02
Acenaphthylene	ug/l	<0.04	<0.04	<0.02	<0.02	<0.02
Acenaphthene	ug/l	0.15	<0.04	<0.02	<0.02	<0.02
Fluorene	ug/l	0.06	<0.04	<0.02	<0.02	<0.02
Phenanthrene	ug/l	0.17	0.12	<0.02	<0.02	<0.02
Anthracene	ug/l	<0.04	<0.04	<0.02	<0.02	<0.02
Fluoranthene	ug/l	0.1	<0.04	<0.02	<0.02	<0.02
Pyrene	ug/l	0.09	<0.04	<0.02	<0.02	<0.02
Benzo(a)anthracene	ug/l	0.06	<0.02	<0.01	<0.01	<0.01
Chrysene	ug/l	0.07	<0.02	<0.01	<0.01	<0.01
Benzo(b)+(j)fluoranthene	ug/l	0.1	<0.02	<0.01	<0.01	<0.01
Benzo(k)fluoranthene	ug/l	0.05	<0.02	<0.01	<0.01	<0.01
Benzo(a)pyrene	ug/l	0.08	<0.02	<0.01	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	0.06	<0.02	<0.01	<0.01	<0.01
Dibenz(a,h)anthracene	ug/l	<0.02	<0.02	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	0.06	<0.02	<0.01	<0.01	<0.01
Arsenic	ug/l	0.3	6.7	1.2	6.3	3.4
Cadmium	ug/l	0.05	0.01	0.02	0.02	<0.01
Chromium	ug/l	2.12	1.9	2.49	11.58	9.26
Lead	ug/l	0.2	<0.2	<0.2	<0.2	<0.2
Mercury	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Nickel	ug/l	4	26.2	11.2	0.7	0.9
Selenium	ug/l	0.7	0.9	0.9	6.7	6.4
Benzene	ug/l	<1	<1	<1	<1	<1
Toluene	ug/l	<1	<1	<1	<1	<1
Ethylbenzene	ug/l	<1	<1	<1	<1	<1
m+p-Xylene	ug/l	<2	<2	<2	<2	<2
o-Xylene	ug/l	<1	<1	<1	<1	<1
TPH	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05

TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#101	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#118	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#138	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#153	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#180	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#28	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#52	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005

Client: **Norwest Holst Ltd - Soil Engineering Div**
Parkside Lane
Dewsbury Road
LEEDS
West Yorkshire
LS11 5SX

FAO: Mr C Wilkinson

Test Report Number: R08/1700

Client Project Name:	**Durham Road, Newport**
Client Project Number:	**F15285**
Your Order Number:	**F15285**
Order Receipt Date:	**10/10/08**
Reporting Date:	**Monday 3 November 2008**

If you have any queries regarding this report please contact our Customer Services Section

ECõS Environmental Limited
Low Moor Business Park, Common Road, Bradford BD12 0NB
Tel: 01274 691122 Fax: 01274 608100

Client Project Name: Durham Road, Newport | **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 | **Reporting Date: Monday 3 November 2008**

Comments

All analyses are carried out using the laboratory's standard methods unless otherwise agreed.

The test results in this report refer only to the actual samples on which testing has been performed.

Any opinions and/or interpretations expressed herein are outside the scope of the testing laboratory's UKAS accreditation.

The test report shall not be reproduced, except in full, without the testing laboratory's written approval.

This testing laboratory cannot be held responsible for the condition or suitability of samples submitted for testing by a third party or for the competency of personnel other than its own staff.

This testing laboratory cannot be held responsible for the accuracy of test sample locations or descriptions when supplied by a third party.

Soil Samples

Results are expressed on a dried mass basis. Assisted drying carried out @ 40°C.

See key in Notes section for explanation of numerical categories for asbestos results, if applicable.

All material is crushed if possible after assisted drying. Material which cannot be crushed is removed prior to analysis. See Notes section for details, if applicable.

Samples submitted for leachate determination were prepared using agreed procedures and analysed using UKAS accredited methodology where appropriate.

Results are expressed without correction for recovery factors.

Results marked with a ^{U} are UKAS accredited.

Sample Pretreatment (as listed in method statement)

AD = Assisted drying @ 40°C R = As Received

Sample Type

B = Bulk disturbed sample
C = Core Sample
D = Small disturbed sample
ES = Environmental Soil Sample
P = Piston sample
U = Undisturbed sample - open drive
W = Water Sample
EW = Environmental Water Sample

Sample Results

Analysis not requested
*** Test not completed. Please see notes on last page

Signed:_____

For and on behalf of ECõS Environmental Limited

Approved signatories:

Name	Position
J R Brown	Business Development Manager
L Dewell	Production Manager
J Stoddart	Technical Manager

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Monday 3 November 2008

Water Samples

Method Statement

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
pH	pH-meter	R	N/A	No	21/10/08
Phenols	HPLC-EC	R	0.5 ug/l	No	17/10/08
PAH (sum of PAH 17)	GC-MS	R	0.02 ug/l	No	23/10/08
Naphthalene	GC-MS	R	0.02 ug/l	No	23/10/08
Acenaphthylene	GC-MS	R	0.02 ug/l	No	23/10/08
Acenaphthene	GC-MS	R	0.02 ug/l	No	23/10/08
Fluorene	GC-MS	R	0.02 ug/l	No	23/10/08
Phenanthrene	GC-MS	R	0.02 ug/l	No	23/10/08
Anthracene	GC-MS	R	0.02 ug/l	No	23/10/08
Fluoranthene	GC-MS	R	0.02 ug/l	No	23/10/08
Pyrene	GC-MS	R	0.02 ug/l	No	23/10/08
Benzo(a)anthracene	GC-MS	R	0.01 ug/l	No	23/10/08
Chrysene	GC-MS	R	0.01 ug/l	No	23/10/08
Benzo(b)+(j)fluoranthene	GC-MS	R	0.01 ug/l	No	23/10/08
Benzo(k)fluoranthene	GC-MS	R	0.01 ug/l	No	23/10/08
Benzo(a)pyrene	GC-MS	R	0.01 ug/l	No	23/10/08
Indeno(1,2,3-cd)pyrene	GC-MS	R	0.01 ug/l	No	23/10/08
Dibenz(a,h)anthracene	GC-MS	R	0.01 ug/l	No	23/10/08
Benzo(g,h,i)perylene	GC-MS	R	0.01 ug/l	No	23/10/08
Arsenic	ICP-MS	R	0.2 ug/l	No	16/10/08
Cadmium	ICP-MS	R	0.01 ug/l	No	16/10/08
Chromium	ICP-MS	R	0.07 ug/l	No	16/10/08
Lead	ICP-MS	R	0.2 ug/l	No	16/10/08
Mercury	ICP-MS	R	0.02 ug/l	No	16/10/08
Nickel	ICP-MS	R	0.5 ug/l	No	16/10/08
Selenium	ICP-MS	R	0.5 ug/l	No	16/10/08
Benzene	HS-GC-MS	R	1 ug/l	No	03/11/08
Toluene	HS-GC-MS	R	1 ug/l	No	03/11/08
Ethylbenzene	HS-GC-MS	R	1 ug/l	No	03/11/08
m+p-Xylene	HS-GC-MS	R	2 ug/l	No	03/11/08
o-Xylene	HS-GC-MS	R	1 ug/l	No	03/11/08
TPH	GC-FID	R	0.05 mg/l	No	23/10/08
TPH EC10-EC12	GC-FID	R	0.01 mg/l	No	23/10/08
TPH EC12-EC16	GC-FID	R	0.01 mg/l	No	23/10/08
TPH EC16-EC21	GC-FID	R	0.01 mg/l	No	23/10/08
TPH EC21-EC35	GC-FID	R	0.05 mg/l	No	23/10/08
TPH EC35-EC40	GC-FID	R	0.05 mg/l	No	23/10/08
TPH EC5-EC6	HS-GC-FID	R	0.01 mg/l	No	31/10/08
TPH EC6-EC8	HS-GC-FID	R	0.01 mg/l	No	31/10/08
TPH EC8-EC10	HS-GC-FID	R	0.01 mg/l	No	31/10/08
Polychlorinated biphenyl BZ#101	GC-MS	R	0.005 ug/l	Yes	22/10/08
Polychlorinated biphenyl BZ#118	GC-MS	R	0.005 ug/l	Yes	22/10/08

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Monday 3 November 2008

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
Polychlorinated biphenyl BZ#138	GC-MS	R	0.005 ug/l	Yes	22/10/08
Polychlorinated biphenyl BZ#153	GC-MS	R	0.005 ug/l	Yes	22/10/08
Polychlorinated biphenyl BZ#180	GC-MS	R	0.005 ug/l	Yes	22/10/08
Polychlorinated biphenyl BZ#28	GC-MS	R	0.005 ug/l	Yes	22/10/08
Polychlorinated biphenyl BZ#52	GC-MS	R	0.005 ug/l	Yes	22/10/08

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Monday 3 November 2008

Sample Location / Identification		BH601	BH602	BH604	BH604A	BH606
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type		W	W	W	W	W
Date Sampled		09/10/08	09/10/08	09/10/08	09/10/08	09/10/08
Receipt Date		10/10/08	10/10/08	10/10/08	10/10/08	10/10/08
ECõS Sample ID		S0810977	S0810978	S0810979	S0810980	S0810981
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
pH	N/A	7.8	7.5	7.7	8.1	7.6
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	0.08	0.26	<0.02	0.02	0.65
Naphthalene	ug/l	0.05	0.06	<0.02	<0.02	0.06
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluorene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Phenanthrene	ug/l	0.03	0.03	<0.02	0.02	0.04
Anthracene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluoranthene	ug/l	<0.02	0.02	<0.02	<0.02	0.07
Pyrene	ug/l	<0.02	<0.02	<0.02	<0.02	0.07
Benzo(a)anthracene	ug/l	<0.01	0.01	<0.01	<0.01	0.04
Chrysene	ug/l	<0.01	0.02	<0.01	<0.01	0.05
Benzo(b)+(j)fluoranthene	ug/l	<0.01	0.03	<0.01	<0.01	0.07
Benzo(k)fluoranthene	ug/l	<0.01	<0.01	<0.01	<0.01	0.05
Benzo(a)pyrene	ug/l	<0.01	0.02	<0.01	<0.01	0.05
Indeno(1,2,3-cd)pyrene	ug/l	<0.01	0.02	<0.01	<0.01	0.06
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	<0.01	0.04
Benzo(g,h,i)perylene	ug/l	<0.01	0.02	<0.01	<0.01	0.06
Arsenic	ug/l	1.9 U	1.6 U	0.8 U	6.6 U	1.3 U
Cadmium	ug/l	0.30 U	0.33 U	0.16 U	0.02 U	0.40 U
Chromium	ug/l	2.61 U	3.02 U	2.54 U	11.35 U	2.16 U
Lead	ug/l	3.0 U	0.8 U	<0.2 U	<0.2 U	2.7 U
Mercury	ug/l	0.03 U	<0.02 U	<0.02 U	0.02 U	<0.02 U
Nickel	ug/l	10.1 U	8.3 U	7.4 U	0.6 U	5.4 U
Selenium	ug/l	1.6 U	0.9 U	1.2 U	<0.5 U	0.5 U
Benzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Toluene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Ethylbenzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
m+p-Xylene	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
o-Xylene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
TPH	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Monday 3 November 2008

Sample Location / Identification		BH601	BH602	BH604	BH604A	BH606
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type		W	W	W	W	W
Date Sampled		09/10/08	09/10/08	09/10/08	09/10/08	09/10/08
Receipt Date		10/10/08	10/10/08	10/10/08	10/10/08	10/10/08
ECõS Sample ID		S0810977	S0810978	S0810979	S0810980	S0810981
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#101	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#118	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#138	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#153	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#180	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#28	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#52	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Monday 3 November 2008

Sample Location / Identification		BH606A	BH607	BH608	WT04
Top Depth / m					
Bottom Depth / m					
Sample No.					
Sample Type		W	W	W	W
Date Sampled		09/10/08	09/10/08	09/10/08	09/10/08
Receipt Date		10/10/08	10/10/08	10/10/08	10/10/08
ECõS Sample ID		S0810982	S0810983	S0810984	S0810985
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**				
pH	N/A	7.8	7.8	7.7	8.2
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	0.06	0.23	1.75	0.22
Naphthalene	ug/l	0.04	0.03	0.50	0.07
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	0.88	0.11
Fluorene	ug/l	<0.02	<0.02	0.22	0.02
Phenanthrene	ug/l	0.02	<0.02	0.05	0.02
Anthracene	ug/l	<0.02	<0.02	<0.02	<0.02
Fluoranthene	ug/l	<0.02	0.02	0.05	<0.02
Pyrene	ug/l	<0.02	0.02	0.05	<0.02
Benzo(a)anthracene	ug/l	<0.01	0.02	<0.01	<0.01
Chrysene	ug/l	<0.01	0.03	<0.01	<0.01
Benzo(b)+(j)fluoranthene	ug/l	<0.01	0.03	<0.01	<0.01
Benzo(k)fluoranthene	ug/l	<0.01	0.02	<0.01	<0.01
Benzo(a)pyrene	ug/l	<0.01	0.02	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	<0.01	0.02	<0.01	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	<0.01	0.02	<0.01	<0.01
Arsenic	ug/l	3.5 U	2.3 U	0.9 U	3.8 U
Cadmium	ug/l	0.01 U	0.12 U	0.01 U	0.01 U
Chromium	ug/l	9.43 U	2.44 U	3.16 U	2.26 U
Lead	ug/l	<0.2 U	0.3 U	<0.2 U	<0.2 U
Mercury	ug/l	<0.02 U	<0.02 U	0.02 U	<0.02 U
Nickel	ug/l	0.8 U	3.1 U	1.7 U	11.0 U
Selenium	ug/l	<0.5 U	1.2 U	0.9 U	1.9 U
Benzene	ug/l	<1 U	<1 U	<1 U	<1 U
Toluene	ug/l	<1 U	<1 U	<1 U	<1 U
Ethylbenzene	ug/l	<1 U	<1 U	<1 U	<1 U
m+p-Xylene	ug/l	<2 U	<2 U	<2 U	<2 U
o-Xylene	ug/l	<1 U	<1 U	<1 U	<1 U
TPH	mg/l	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Monday 3 November 2008

Sample Location / Identification		BH606A	BH607	BH608	WT04
Top Depth / m					
Bottom Depth / m					
Sample No.					
Sample Type		W	W	W	W
Date Sampled		09/10/08	09/10/08	09/10/08	09/10/08
Receipt Date		10/10/08	10/10/08	10/10/08	10/10/08
ECõS Sample ID		S0810982	S0810983	S0810984	S0810985
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**				
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#101	ug/l	<0.005 U	0.023 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#118	ug/l	<0.005 U	0.012 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#138	ug/l	<0.005 U	0.027 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#153	ug/l	<0.005 U	0.024 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#180	ug/l	<0.005 U	0.017 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#28	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#52	ug/l	<0.005 U	0.014 U	<0.005 U	<0.005 U

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Monday 3 November 2008

Notes and Preservation Details

PCB analyses undertaken by UKAS laboratory number 1549.

End of Test Report

ECoS REPORT NO.		081738	Durham Road, Newport					
DATE ISSUED		05/11/08	F15285					
HOLE NO/SAMPLE ID		BH601	BH602	BH604	BH604A	BH606A	BH608	WT05
SAMPLE DEPTH								
SAMPLE NO.								
SAMPLE TYPE		W	W	W	W	W	W	W
DATE SAMPLED		16/10/08	16/10/08	16/10/08	16/10/08	16/10/08	16/10/08	16/10/08
RECEIPT DATE		17/10/08	17/10/08	17/10/08	17/10/08	17/10/08	17/10/08	17/10/08
OUR REF.		S0811247	S0811248	S0811249	S0811250	S0811251	S0811252	S0811253
MATRIX		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
pH	N/A	7.7	7.5	7.7	8	7.7	7.5	8.1
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	0.02	<0.02	<10	0.02	<0.02	1.5	<0.02
Naphthalene	ug/l	<0.02	<0.02	<10	0.02	<0.02	0.15	<0.02
Acenaphthylene	ug/l	<0.02	<0.02	<10	<0.02	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	<10	<0.02	<0.02	0.85	<0.02
Fluorene	ug/l	<0.02	<0.02	<10	<0.02	<0.02	0.22	<0.02
Phenanthrene	ug/l	<0.02	<0.02	<10	<0.02	<0.02	0.02	<0.02
Anthracene	ug/l	<0.02	<0.02	<10	<0.02	<0.02	<0.02	<0.02
Fluoranthene	ug/l	0.02	<0.02	<10	<0.02	<0.02	0.06	<0.02
Pyrene	ug/l	<0.02	<0.02	<10	<0.02	<0.02	0.06	<0.02
Benzo(a)anthracene	ug/l	<0.01	<0.01	<10	<0.01	<0.01	0.03	<0.01
Chrysene	ug/l	<0.01	<0.01	<10	<0.01	<0.01	0.03	<0.01
Benzo(b)+(j)fluoranthene	ug/l	<0.01	<0.01	<10	<0.01	<0.01	0.05	<0.01
Benzo(k)fluoranthene	ug/l	<0.01	<0.01	<10	<0.01	<0.01	0.02	<0.01
Benzo(a)pyrene	ug/l	<0.01	<0.01	<10	<0.01	<0.01	0.02	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	<0.01	<0.01	<10	<0.01	<0.01	<0.01	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<10	<0.01	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	<0.01	<0.01	<10	<0.01	<0.01	<0.01	<0.01
Arsenic	ug/l	1.2	<0.2	1	5.9	2.3	<0.2	1.9
Cadmium	ug/l	0.25	0.43	0.2	0.04	0.01	0.06	0.01
Chromium	ug/l	0.68	0.64	0.49	2.03	3.52	<0.07	1.09
Lead	ug/l	1.5	0.3	<0.2	<0.2	<0.2	<0.2	<0.2
Mercury	ug/l	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Nickel	ug/l	10.5	9	13.6	0.8	0.8	3.5	25.2
Selenium	ug/l	<0.5	0.6	0.8	5.7	5.6	<0.5	0.7
Benzene	ug/l	<1	<1	<1	<1	<1	<1	<1
Toluene	ug/l	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	ug/l	<1	<1	<1	<1	<1	<1	<1
m+p-Xylene	ug/l	<2	<2	<2	<2	<2	<2	<2
o-Xylene	ug/l	<1	<1	<1	<1	<1	<1	<1
TPH	mg/l	<0.05	<0.05	0.52	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.4	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.4	<0.01	<0.01	<0.01	<0.01
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.4	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.4	<0.05	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.4	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#52	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	0.006	<0.005
Polychlorinated biphenyl BZ#101	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	0.016	<0.005
Polychlorinated biphenyl BZ#118	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	0.014	<0.005
Polychlorinated biphenyl BZ#153	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	0.03	<0.005
Polychlorinated biphenyl BZ#138	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	0.038	<0.005
Polychlorinated biphenyl BZ#180	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	0.035	<0.005

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 8 samples
received 27 October 2008

Durham Road, Newport (F15285)

Chemtest

Report Date
29 October 2008

Login Batch No					48581							
Chemtest LIMS ID					AD58040	AD58042	AD58044	AD58046	AD58048	AD58050	AD58052	AD58054
Sample ID					SM01	SM02	WT05	BH601	BH602	BH604A	BH606A	BH608
Sample No					1 OF 2	1 OF 2	1 OF 2	1 OF 2	1 OF 2	1 OF 2	1 OF 2	1 OF 2
Depth												
Matrix					*WATER*	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*								
1010	pH	PH	-	U	7.6	7.2	7.3	6.8	6.7	7.2	7.0	6.9
1450	Arsenic	7440382	µg l⁻¹	U	1.3	2.9	5.4	2.3	3.2	8.4	13	1.3
	Cadmium	7440439	µg l⁻¹	U	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l⁻¹	U	1.4	1.2	3.5	3.0	4.1	9.8	7.1	3.7
	Mercury	7439976	µg l⁻¹	U	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Nickel	7440020	µg l⁻¹	U	1.1	1.7	14	15	14	1.8	1.3	2.4
	Lead	7439921	µg l⁻¹	U	<1	<1	<1	8.1	1.1	<1	<1	<1
	Selenium	7782492	µg l⁻¹	U	1.1	1.1	1.2	1.6	1.2	4.7	3.6	<1
1673	TPH >C6-C10		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l⁻¹	U	<10	<10	<10	<10	<10	<10	<10	<10
1700	Naphthalene	91203	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Fluorene	86737	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Anthracene	120127	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Pyrene	129000	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Chrysene	218019	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l⁻¹	N	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l⁻¹	U	<1	<1	<1	<1	<1	<1	<1	<1

All tests undertaken between 28-Oct-2008 and 29-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 8 samples
received 27 October 2008

Durham Road, Newport (F15285)

Chemtest

Report Date
29 October 2008

					48581							
					AD58040	AD58042	AD58044	AD58046	AD58048	AD58050	AD58052	AD58054
					SM01	SM02	WT05	BH601	BH602	BH604A	BH606A	BH608
					1 OF 2	1 OF 2	1 OF 2	1 OF 2	1 OF 2	1 OF 2	1 OF 2	1 OF 2
					WATER	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*
1760	Toluene	108883	µg l⁻¹	U	<1	<1	<1	<1	<1	<1	<1	<1
	Ethyl benzene	100414	µg l⁻¹	U	<1	<1	<1	<1	<1	<1	<1	<1
	m- & p-Xylene	1330207	µg l⁻¹	U	<1	<1	<1	<1	<1	<1	<1	<1
	o-Xylene	95476	µg l⁻¹	U	<1	<1	<1	<1	<1	<1	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 28-Oct-2008 and 29-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

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Dewsbury Road
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LABORATORY TEST REPORT

Results of analysis of 8 samples
received 27 October 2008

Durham Road, Newport (F15285)

Chemtest

Report Date
29 October 2008

					48581							
					AD58040	AD58042	AD58044	AD58046	AD58048	AD58050	AD58052	AD58054
					SM01	SM02	WT05	BH601	BH602	BH604A	BH606A	BH608
					1 OF 2	1 OF 2	1 OF 2	1 OF 2	1 OF 2	1 OF 2	1 OF 2	1 OF 2
					WATER	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*
1900	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 28-Oct-2008 and 29-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 31 October 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
05 November 2008

Login Batch No					**101748**		
Chemtest LIMS ID					AD59738	AD59739	AD59740
Sample ID					BH607	BH608	WT06
Sample No							
Depth							
Matrix					*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
1010	pH	PH	-	U	6.7	6.6	7.3
1450	Arsenic	7440382	µg l-1	U	2.0	3.2	3.6
	Cadmium	7440439	µg l-1	U	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l-1	U	1.9	2.0	1.9
	Mercury	7439976	µg l-1	U	<0.5	<0.5	<0.5
	Nickel	7440020	µg l-1	U	2.4	4.2	36
	Lead	7439921	µg l-1	U	4.9	<1	1.1
	Selenium	7782492	µg l-1	U	<1	<1	<1
1673	TPH >C6-C10		µg l-1	U	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l-1	U	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l-1	U	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l-1	U	<10	<10	<10
1700	Naphthalene	91203	µg l-1	N	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l-1	N	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l-1	N	<0.01	<0.01	<0.01
	Fluorene	86737	µg l-1	N	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l-1	N	<0.01	<0.01	<0.01
	Anthracene	120127	µg l-1	N	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l-1	N	<0.01	<0.01	<0.01
	Pyrene	129000	µg l-1	N	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l-1	N	<0.01	<0.01	<0.01
	Chrysene	218019	µg l-1	N	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l-1	N	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l-1	N	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l-1	N	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l-1	N	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l-1	N	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l-1	N	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l-1	N	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l-1	U	<1	<1	<1

All tests undertaken between 28-Oct-2008 and 5-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 31 October 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
05 November 2008

					101748		
					AD59738	AD59739	AD59740
					BH607	BH608	WT06
					WATER	*WATER*	*WATER*
1760	Toluene	108883	µg l-¹	U	<1	<1	<1
	Ethyl benzene	100414	µg l-¹	U	<1	<1	<1
	m- & p-Xylene	1330207	µg l-¹	U	<1	<1	<1
	o-Xylene	95476	µg l-¹	U	<1	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 28-Oct-2008 and 5-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 31 October 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
05 November 2008

					101748		
					AD59738	AD59739	AD59740
					BH607	BH608	WT06
					WATER	*WATER*	*WATER*
1900	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 28-Oct-2008 and 5-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 31 October 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
05 November 2008

Login Batch No					**101749**		
Chemtest LIMS ID					AD59741	AD59742	AD59743
Sample ID					BH604A	BH606	BH606A
Sample No							
Depth							
Matrix					*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
1010	pH	PH	-	U	7.2	7	7.1
1450	Arsenic	7440382	µg l-¹	U	17	2.7	12
	Cadmium	7440439	µg l-¹	U	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l-¹	U	4.8	1.8	4.8
	Mercury	7439976	µg l-¹	U	<0.5	<0.5	<0.5
	Nickel	7440020	µg l-¹	U	<1	2.7	<1
	Lead	7439921	µg l-¹	U	<1	28	<1
	Selenium	7782492	µg l-¹	U	2.9	<1	2.6
1673	TPH >C6-C10		µg l-¹	U	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l-¹	U	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l-¹	U	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l-¹	U	<10	<10	<10
1700	Naphthalene	91203	µg l-¹	N	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l-¹	N	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l-¹	N	<0.01	<0.01	<0.01
	Fluorene	86737	µg l-¹	N	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l-¹	N	<0.01	<0.01	<0.01
	Anthracene	120127	µg l-¹	N	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l-¹	N	<0.01	<0.01	<0.01
	Pyrene	129000	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l-¹	N	<0.01	<0.01	<0.01
	Chrysene	218019	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l-¹	N	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l-¹	N	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l-¹	N	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l-¹	N	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l-¹	U	<1	<1	<1

All tests undertaken between 28-Oct-2008 and 5-Nov-2008

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Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 31 October 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
05 November 2008

					101749		
					AD59741	AD59742	AD59743
					BH604A	BH606	BH606A
					WATER	*WATER*	*WATER*
1760	Toluene	108883	µg l-¹	U	<1	<1	<1
	Ethyl benzene	100414	µg l-¹	U	<1	<1	<1
	m- & p-Xylene	1330207	µg l-¹	U	<1	<1	<1
	o-Xylene	95476	µg l-¹	U	<1	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 28-Oct-2008 and 5-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 31 October 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
05 November 2008

					101749		
					AD59741	AD59742	AD59743
					BH604A	BH606	BH606A
					WATER	*WATER*	*WATER*
1900	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 28-Oct-2008 and 5-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson
11 November 2008

Dear C Wilkinson

Test Report Number **74800**
Your Project Reference **Durham Rd, Newport F15285**

Please find enclosed the results of analysis for the samples received 7 November 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall	Laboratory Manager
□ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Manager
□ John Crawford	Quality Manager
□ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 7 sample received 07 November 2008

Durham Rd, Newport F15285

Chemtest

Report Date
11 November 2008

Login Batch No					74800
Chemtest LIMS ID					AD61389
Sample ID					TP910
Sample No					
Depth					
Matrix					*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*	
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg-¹	N	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg-¹	N	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg-¹	N	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg-¹	N	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg-¹	N	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg-¹	N	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg-¹	N	<0.01

All tests undertaken between 10-Nov-2008 and 11-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 7 samples
received 07 November 2008

Durham Rd, Newport F15285

Chemtest

Report Date
11 November 2008

Login Batch No					**74800**						
Chemtest LIMS ID					AD61383	AD61384	AD61385	AD61386	AD61387	AD61388
Sample ID					BH602	BH604	BH604A	BH606A	BH608	WT07
Sample No										
Depth										
Matrix					*WATER*	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*						
1010	pH	PH	-	U	7.1	7.3	7.5	7.3	7	7.8
1450	Arsenic	7440382	µg l⁻¹	U	2.8	2.2	6.1	4.7	<1	2.5
	Cadmium	7440439	µg l⁻¹	U	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l⁻¹	U	<1	<1	2.5	1.1	<1	<1
	Mercury	7439976	µg l⁻¹	U	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Nickel	7440020	µg l⁻¹	U	9.8	8.8	1.2	2.3	2.8	28
	Lead	7439921	µg l⁻¹	U	<1	<1	<1	<1	<1	<1
	Selenium	7782492	µg l⁻¹	U	1.1	2.2	3.2	2.4	<1	1.4
1673	TPH >C6-C10		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l⁻¹	U	<10	<10	<10	<10	<10	<10
1700	Naphthalene	91203	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Fluorene	86737	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Anthracene	120127	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Pyrene	129000	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Chrysene	218019	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l⁻¹	N	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l⁻¹	U	<1	<1	<1	<1	<1	<1

All tests undertaken between 10-Nov-2008 and 11-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 7 samples
received 07 November 2008

Durham Rd, Newport F15285

Chemtest

Report Date
11 November 2008

					74800					
					AD61383	AD61384	AD61385	AD61386	AD61387	AD61388
					BH602	BH604	BH604A	BH606A	BH608	WT07
					WATER	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*
1760	Toluene	108883	µg l-¹	U	<1	<1	<1	<1	<1	<1
	Ethyl benzene	100414	µg l-¹	U	<1	<1	<1	<1	<1	<1
	m- & p-Xylene	1330207	µg l-¹	U	<1	<1	<1	<1	<1	<1
	o-Xylene	95476	µg l-¹	U	<1	<1	<1	<1	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 10-Nov-2008 and 11-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 7 samples
received 07 November 2008

Durham Rd, Newport F15285

Chemtest

Report Date
11 November 2008

					74800					
					AD61383	AD61384	AD61385	AD61386	AD61387	AD61388
					BH602	BH604	BH604A	BH606A	BH608	WT07
					WATER	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*
1900	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 10-Nov-2008 and 11-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
20 November 2008

Dear Christian Wilkinson

Test Report Number **101895**
Your Project Reference **Durham Rd, Newport - F15285**

Please find enclosed the results of analysis for the samples received 14 November 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☑ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Newmarket • Tamworth • Glasgow
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Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 14 November 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
20 November 2008

Login Batch No					**101895**			
Chemtest LIMS ID					AD63576	AD63577	AD63578	AD63579
Sample ID					BH604	BH604A	BH606	BH606A
Sample No								
Depth								
Matrix					*WATER*	*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*				
1010	pH	PH	-	U	7.1	7.6	7.1	7.3
1450	Arsenic	7440382	µg l⁻¹	U	1.3	5.1	2.2	8.2
	Cadmium	7440439	µg l⁻¹	U	<0.5	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l⁻¹	U	4.0	8.0	2.6	7.2
	Mercury	7439976	µg l⁻¹	U	<0.5	<0.5	<0.5	<0.5
	Nickel	7440020	µg l⁻¹	U	9.4	3.8	4.5	3.2
	Lead	7439921	µg l⁻¹	U	1.7	<1	1.5	<1
	Selenium	7782492	µg l⁻¹	U	8.3	6.9	3.2	5.7
1673	TPH >C6-C10		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l⁻¹	U	<10	<10	<10	<10
1700	Naphthalene	91203	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Fluorene	86737	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Anthracene	120127	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Pyrene	129000	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Chrysene	218019	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l⁻¹	N	<0.2	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1

All tests undertaken between 17-Nov-2008 and 20-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 14 November 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
20 November 2008

					101895			
					AD63576	AD63577	AD63578	AD63579
					BH604	BH604A	BH606	BH606A
					WATER	*WATER*	*WATER*	*WATER*
1760	Toluene	108883	µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	Ethyl benzene	100414	µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	m- & p-Xylene	1330207	µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	o-Xylene	95476	µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 17-Nov-2008 and 20-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples received 14 November 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
20 November 2008

					101895			
					AD63576	AD63577	AD63578	AD63579
					BH604	BH604A	BH606	BH606A
					WATER	*WATER*	*WATER*	*WATER*
1900	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 17-Nov-2008 and 20-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
20 November 2008

Dear Christian Wilkinson

Test Report Number **101896**
Your Project Reference **Durham Rd, Newport - F15285**

Please find enclosed the results of analysis for the samples received 14 November 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

KT Jones

Authorised Signatory

□ Darrell Hall	Laboratory Manager
□ Phil Hellier	Operations Director
■ Keith Jones	Technical Development Manager
□ John Crawford	Quality Manager
□ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Test Report 101896 Cover Sheet

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 14 November 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
20 November 2008

Login Batch No					**101896**		
Chemtest LIMS ID					AD63580	AD63581	AD63582
Sample ID					BH607	BH608	WT08
Sample No							
Depth							
Matrix					*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
1010	pH	PH	-	U	7	6.7	7.5
1450	Arsenic	7440382	µg l⁻¹	U	3.5	2.3	3.8
	Cadmium	7440439	µg l⁻¹	U	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l⁻¹	U	3.4	4.3	1.6
	Mercury	7439976	µg l⁻¹	U	<0.5	<0.5	<0.5
	Nickel	7440020	µg l⁻¹	U	5.7	12	21
	Lead	7439921	µg l⁻¹	U	2.4	1.1	<1
	Selenium	7782492	µg l⁻¹	U	3.8	2.0	3.3
1673	TPH >C6-C10		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l⁻¹	U	<10	<10	<10
1700	Naphthalene	91203	µg l⁻¹	N	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l⁻¹	N	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l⁻¹	N	<0.01	<0.01	<0.01
	Fluorene	86737	µg l⁻¹	N	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l⁻¹	N	<0.01	<0.01	<0.01
	Anthracene	120127	µg l⁻¹	N	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l⁻¹	N	<0.01	<0.01	<0.01
	Pyrene	129000	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l⁻¹	N	<0.01	<0.01	<0.01
	Chrysene	218019	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l⁻¹	N	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l⁻¹	N	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l⁻¹	N	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l⁻¹	N	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l⁻¹	U	<0.1	0.2	<0.1

All tests undertaken between 17-Nov-2008 and 20-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 14 November 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
20 November 2008

					101896		
					AD63580	AD63581	AD63582
					BH607	BH608	WT08
					WATER	*WATER*	*WATER*
1760	Toluene	108883	µg l-¹	U	<0.1	<0.1	<0.1
	Ethyl benzene	100414	µg l-¹	U	<0.1	<0.1	<0.1
	m- & p-Xylene	1330207	µg l-¹	U	<0.1	<0.1	<0.1
	o-Xylene	95476	µg l-¹	U	<0.1	<0.1	<0.1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 17-Nov-2008 and 20-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 14 November 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
20 November 2008

					101896		
					AD63580	AD63581	AD63582
					BH607	BH608	WT08
					WATER	*WATER*	*WATER*
1900	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 17-Nov-2008 and 20-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
20 November 2008

Dear Christian Wilkinson

Test Report Number **101897**
Your Project Reference **Durham Rd, Newport - F15285**

Please find enclosed the results of analysis for the samples received 14 November 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall	Laboratory Manager
□ Phil Hellier	Operations Director
□ Keith Jones	Technical Development Manager
□ John Crawford	Quality Manager
□ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 14 November 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
20 November 2008

Login Batch No					**101897**		
Chemtest LIMS ID					AD63583	AD63584	AD63585
Sample ID					BH601	BH602	BH603
Sample No							
Depth							
Matrix					*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
1010	pH	PH	-	U	7.5	6.8	7
1450	Arsenic	7440382	µg l-¹	U	2.8	2.8	6.2
	Cadmium	7440439	µg l-¹	U	0.57	<0.5	<0.5
	Chromium (total)	7440473	µg l-¹	U	2.5	3.3	2.0
	Mercury	7439976	µg l-¹	U	<0.5	<0.5	<0.5
	Nickel	7440020	µg l-¹	U	17	13	13
	Lead	7439921	µg l-¹	U	29	3.3	<1
	Selenium	7782492	µg l-¹	U	4.5	3.6	13
1673	TPH >C6-C10		µg l-¹	U	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l-¹	U	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l-¹	U	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l-¹	U	<10	<10	<10
1700	Naphthalene	91203	µg l-¹	N	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l-¹	N	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l-¹	N	<0.01	<0.01	<0.01
	Fluorene	86737	µg l-¹	N	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l-¹	N	<0.01	<0.01	<0.01
	Anthracene	120127	µg l-¹	N	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l-¹	N	<0.01	<0.01	<0.01
	Pyrene	129000	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l-¹	N	<0.01	<0.01	<0.01
	Chrysene	218019	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l-¹	N	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l-¹	N	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l-¹	N	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l-¹	N	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l-¹	U	<0.1	<0.1	<0.1

All tests undertaken between 17-Nov-2008 and 20-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 14 November 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
20 November 2008

					101897		
					AD63583	AD63584	AD63585
					BH601	BH602	BH603
					WATER	*WATER*	*WATER*
1760	Toluene	108883	µg l-¹	U	<0.1	<0.1	<0.1
	Ethyl benzene	100414	µg l-¹	U	<0.1	<0.1	<0.1
	m- & p-Xylene	1330207	µg l-¹	U	<0.1	<0.1	<0.1
	o-Xylene	95476	µg l-¹	U	<0.1	<0.1	<0.1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 17-Nov-2008 and 20-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 14 November 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
20 November 2008

					101897		
					AD63583	AD63584	AD63585
					BH601	BH602	BH603
					WATER	*WATER*	*WATER*
1900	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 17-Nov-2008 and 20-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson
27 November 2008

Dear C Wilkinson

Test Report Number **101950**
Your Project Reference **Durham Rd, Newport - F15285**

Please find enclosed the results of analysis for the samples received 21 November 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☐ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson
27 November 2008

Dear C Wilkinson

Test Report Number **101951**
Your Project Reference **Durham Rd, Newport - F15285**

Please find enclosed the results of analysis for the samples received 21 November 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☑ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Newmarket • Tamworth • Glasgow
Registered in England & Wales - Registration Number 6511736 - Registered Office: 11 Depot Road Newmarket Suffolk CB8 0AL

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 21 November 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
27 November 2008

Login Batch No					**101951**		
Chemtest LIMS ID					AD65586	AD65587	AD65588
Sample ID					BH604	BH604A	BH606
Sample No							
Depth							
Matrix					*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
1010	pH	PH	-	U	7.1	7.3	7.4
1450	Arsenic	7440382	µg l-¹	U	<1	7.5	3.5
	Cadmium	7440439	µg l-¹	U	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l-¹	U	4.0	13	4.3
	Mercury	7439976	µg l-¹	U	<0.5	<0.5	<0.5
	Nickel	7440020	µg l-¹	U	9.5	3.1	7.7
	Lead	7439921	µg l-¹	U	<1	<1	11
	Selenium	7782492	µg l-¹	U	3.4	5.5	2.2
1673	TPH >C6-C10		µg l-¹	U	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l-¹	U	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l-¹	U	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l-¹	U	<10	<10	<10
1700	Naphthalene	91203	µg l-¹	N	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l-¹	N	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l-¹	N	<0.01	<0.01	<0.01
	Fluorene	86737	µg l-¹	N	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l-¹	N	<0.01	<0.01	<0.01
	Anthracene	120127	µg l-¹	N	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l-¹	N	<0.01	<0.01	<0.01
	Pyrene	129000	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l-¹	N	<0.01	<0.01	<0.01
	Chrysene	218019	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l-¹	N	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l-¹	N	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l-¹	N	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l-¹	N	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l-¹	U	<0.1	<0.1	<0.1
	Toluene	108883	µg l-¹	U	<1	<1	<1

All tests undertaken between 24-Nov-2008 and 26-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 21 November 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
27 November 2008

					101951		
					AD65586	AD65587	AD65588
					BH604	BH604A	BH606
					WATER	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	U	<1	<1	<1
	m- & p-Xylene	1330207	µg l-¹	U	<1	<1	<1
	o-Xylene	95476	µg l-¹	U	<1	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 24-Nov-2008 and 26-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 21 November 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
27 November 2008

					101951		
					AD65586	AD65587	AD65588
					BH604	BH604A	BH606
					WATER	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 24-Nov-2008 and 26-Nov-2008

* Accreditation status

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Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson
27 November 2008

Dear C Wilkinson

Test Report Number **101952**
Your Project Reference **Durham Rd, Newport - F15285**

Please find enclosed the results of analysis for the samples received 21 November 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☑ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

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Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 21 November 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
27 November 2008

Login Batch No					**101952**		
Chemtest LIMS ID					AD65608	AD65609	AD65610
Sample ID					BH601	BH602	BH603
Sample No							
Depth							
Matrix					*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
1010	pH	PH	-	U	7	6.8	7
1450	Arsenic	7440382	µg l⁻¹	U	2.3	2.3	7.4
	Cadmium	7440439	µg l⁻¹	U	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l⁻¹	U	4.0	4.4	3.5
	Mercury	7439976	µg l⁻¹	U	<0.5	<0.5	<0.5
	Nickel	7440020	µg l⁻¹	U	17	10	12
	Lead	7439921	µg l⁻¹	U	7.2	1.0	<1
	Selenium	7782492	µg l⁻¹	U	3.2	1.3	8.0
1673	TPH >C6-C10		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l⁻¹	U	<10	<10	<10
1700	Naphthalene	91203	µg l⁻¹	N	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l⁻¹	N	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l⁻¹	N	<0.01	<0.01	<0.01
	Fluorene	86737	µg l⁻¹	N	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l⁻¹	N	<0.01	<0.01	<0.01
	Anthracene	120127	µg l⁻¹	N	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l⁻¹	N	<0.01	<0.01	<0.01
	Pyrene	129000	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l⁻¹	N	<0.01	<0.01	<0.01
	Chrysene	218019	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l⁻¹	N	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l⁻¹	N	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l⁻¹	N	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l⁻¹	N	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l⁻¹	U	<0.1	<0.1	<0.1
	Toluene	108883	µg l⁻¹	U	<1	<1	<1

All tests undertaken between 24-Nov-2008 and 26-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 21 November 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
27 November 2008

					101952		
					AD65608	AD65609	AD65610
					BH601	BH602	BH603
					WATER	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	U	<1	<1	<1
	m- & p-Xylene	1330207	µg l-¹	U	<1	<1	<1
	o-Xylene	95476	µg l-¹	U	<1	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 24-Nov-2008 and 26-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 21 November 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
27 November 2008

					101952		
					AD65608	AD65609	AD65610
					BH601	BH602	BH603
					WATER	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 24-Nov-2008 and 26-Nov-2008

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Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson
27 November 2008

Dear C Wilkinson

Test Report Number **101952**
Your Project Reference **Durham Rd, Newport - F15285**

Please find enclosed the results of analysis for the samples received 21 November 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☑ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
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Norwest Holst
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Dewsbury Road
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LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 21 November 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
27 November 2008

Login Batch No					**101953**		
	Chemtest LIMS ID				AD65611	AD65612	AD65613
	Sample ID				BH606A	BH607	BH608
	Sample No						
	Depth						
	Matrix				*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
1010	pH	PH	-	U	7	7	6.7
1450	Arsenic	7440382	µg l-1	U	8.1	3.9	2.8
	Cadmium	7440439	µg l-1	U	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l-1	U	7.8	4.2	6.1
	Mercury	7439976	µg l-1	U	<0.5	<0.5	<0.5
	Nickel	7440020	µg l-1	U	2.8	6.1	10
	Lead	7439921	µg l-1	U	<1	2.4	1.5
	Selenium	7782492	µg l-1	U	3.1	2.5	<1
1673	TPH >C6-C10		µg l-1	U	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l-1	U	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l-1	U	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l-1	U	<10	<10	<10
1700	Naphthalene	91203	µg l-1	N	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l-1	N	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l-1	N	<0.01	<0.01	<0.01
	Fluorene	86737	µg l-1	N	<0.01	<0.01	<0.01
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	Anthracene	120127	µg l-1	N	<0.01	<0.01	<0.01
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	Pyrene	129000	µg l-1	N	<0.01	<0.01	<0.01
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	Dibenzo[a,h]anthracene	53703	µg l-1	N	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l-1	N	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l-1	N	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l-1	N	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l-1	U	<0.1	<0.1	<0.1
	Toluene	108883	µg l-1	U	<1	<1	<1

All tests undertaken between 24-Nov-2008 and 26-Nov-2008

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FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
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Durham Rd, Newport - F15285

Chemtest

Report Date
27 November 2008

					101953		
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					BH606A	BH607	BH608
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1760	Ethyl benzene	100414	µg l-¹	U	<1	<1	<1
	m- & p-Xylene	1330207	µg l-¹	U	<1	<1	<1
	o-Xylene	95476	µg l-¹	U	<1	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01
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	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002
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	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 24-Nov-2008 and 26-Nov-2008

* Accreditation status

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Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 21 November 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
27 November 2008

					101953		
					AD65611	AD65612	AD65613
					BH606A	BH607	BH608
					WATER	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002

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Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
10 December 2008

Dear Christian Wilkinson

Test Report Number **102071**
Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 4 December 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall	Laboratory Manager
☑ Phil Hellier	Operations Director
□ Keith Jones	Technical Development Manager
□ John Crawford	Quality Manager
□ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Newmarket • Tamworth • Glasgow
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Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 8 samples
received 04 December 2008

Durham Rd, Newport

Chemtest

Report Date
10 December 2008

Login Batch No					**102071**								
	Chemtest LIMS ID				AD68640	AD68641	AD68642	AD68643	AD68644	AD68645	AD68646	AD68647
	Sample ID				BH606A	BH607	BH608	BH604	BH604A	BH606	BH601	BH602
	Sample No											
	Depth											
	Matrix				*WATER*	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*								
1010	pH	PH	-	U	7.3	7.2	6.9	7.2	7.4	7.4	7.1	7
1450	Arsenic	7440382	µg l-1	U	5.3	3.0	2.0	<1	6.4	2.4	2.2	1.7
	Cadmium	7440439	µg l-1	U	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l-1	U	10	4.0	4.6	4.2	11	3.7	4.6	4.4
	Mercury	7439976	µg l-1	U	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Nickel	7440020	µg l-1	U	3.7	7.4	14	12	3.4	6.8	17	11
	Lead	7439921	µg l-1	U	<1	<1	<1	<1	<1	1.7	8.9	1.1
	Selenium	7782492	µg l-1	U	4.0	2.0	<1	2.8	5.3	1.6	1.9	<1
1673	TPH >C6-C10		µg l-1	U	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l-1	U	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l-1	U	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l-1	U	<10	<10	<10	<10	<10	<10	<10	<10
1700	Naphthalene	91203	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Fluorene	86737	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Anthracene	120127	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Pyrene	129000	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Chrysene	218019	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l-1	N	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l-1	U	<1	<1	<1	<1	<1	<1	<1	<1
	Toluene	108883	µg l-1	U	<1	<1	<1	<1	<1	<1	<1	<1

All tests undertaken between 05-Dec-2008 and 10-Dec-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 8 samples
received 04 December 2008

Durham Rd, Newport

Chemtest

Report Date
10 December 2008

					102071							
					AD68640	AD68641	AD68642	AD68643	AD68644	AD68645	AD68646	AD68647
					BH606A	BH607	BH608	BH604	BH604A	BH606	BH601	BH602
					WATER	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l⁻¹	U	<1	<1	<1	<1	<1	<1	<1	<1
	m- & p-Xylene	1330207	µg l⁻¹	U	<1	<1	<1	<1	<1	<1	<1	<1
	o-Xylene	95476	µg l⁻¹	U	<1	<1	<1	<1	<1	<1	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 05-Dec-2008 and 10-Dec-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 8 samples
received 04 December 2008

Durham Rd, Newport

Chemtest

Report Date
10 December 2008

					102071							
					AD68640	AD68641	AD68642	AD68643	AD68644	AD68645	AD68646	AD68647
					BH606A	BH607	BH608	BH604	BH604A	BH606	BH601	BH602
					WATER	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 05-Dec-2008 and 10-Dec-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
10 December 2008

Dear Christian Wilkinson

Test Report Number **102085**
Your Project Reference **Durham Rd, Newport - F15285**

Please find enclosed the results of analysis for the samples received 5 December 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

KT Jones

Authorised Signatory

□ Darrell Hall	Laboratory Manager
□ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Manager
□ John Crawford	Quality Manager
□ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

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Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 2 samples
received 05 December 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
11 December 2008

Login Batch No					**102085**	
Chemtest LIMS ID					AD69015	AD69016
Sample ID					BH601	BH602
Sample No						
Depth						
Matrix					*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*		
1010	pH	PH	-	U	5.6	5.5
1450	Arsenic	7440382	µg l⁻¹	U	2.2	4.1
	Cadmium	7440439	µg l⁻¹	U	<0.5	<0.5
	Chromium (total)	7440473	µg l⁻¹	U	3.3	4.9
	Mercury	7439976	µg l⁻¹	U	<0.5	<0.5
	Nickel	7440020	µg l⁻¹	U	18	12
	Lead	7439921	µg l⁻¹	U	9.6	1.9
	Selenium	7782492	µg l⁻¹	U	1.5	1.2
1673	TPH >C6-C10		µg l⁻¹	U	<0.1	<0.1
	TPH >C10-C21		µg l⁻¹	U	<0.1	<0.1
	TPH >C21-C40		µg l⁻¹	U	<0.1	<0.1
	TPH (Aqueous Phase)		µg l⁻¹	U	<10	<10
1700	Naphthalene	91203	µg l⁻¹	N	<0.01	<0.01
	Acenaphthylene	208968	µg l⁻¹	N	<0.01	<0.01
	Acenaphthene	83329	µg l⁻¹	N	<0.01	<0.01
	Fluorene	86737	µg l⁻¹	N	<0.01	<0.01
	Phenanthrene	85018	µg l⁻¹	N	<0.01	<0.01
	Anthracene	120127	µg l⁻¹	N	<0.01	<0.01
	Fluoranthene	206440	µg l⁻¹	N	<0.01	<0.01
	Pyrene	129000	µg l⁻¹	N	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l⁻¹	N	<0.01	<0.01
	Chrysene	218019	µg l⁻¹	N	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l⁻¹	N	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l⁻¹	N	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l⁻¹	N	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l⁻¹	N	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l⁻¹	N	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l⁻¹	N	<0.01	<0.01
	Total (of 16) PAHs		µg l⁻¹	N	<0.2	<0.2
1760	Benzene	71432	µg l⁻¹	U	<0.1	<0.1
	Toluene	108883	µg l⁻¹	U	<1	<1

All tests undertaken between 08-Dec-2008 and 10-Dec-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 2 samples
received 05 December 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
11 December 2008

					102085	
					AD69015	AD69016
					BH601	BH602
					WATER	*WATER*
1760	Ethyl benzene	100414	µg l-¹	U	<1	<1
	m- & p-Xylene	1330207	µg l-¹	U	<1	<1
	o-Xylene	95476	µg l-¹	U	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002

All tests undertaken between 08-Dec-2008 and 10-Dec-2008

* Accreditation status

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Norwest Holst
Parkside Lane
Dewsbury Road
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LABORATORY TEST REPORT

Results of analysis of 2 samples received 05 December 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
11 December 2008

FAO Christian Wilkinson

					102085	
					AD69015	AD69016
					BH601	BH602
					WATER	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002

All tests undertaken between 08-Dec-2008 and 10-Dec-2008

* Accreditation status

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Chemtest

Depot Road
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LS11 5SX

FAO Christian Wilkinson
11 December 2008

Dear Christian Wilkinson

Test Report Number **102087**
Your Project Reference **Durham Rd, Newport - F15285**

Please find enclosed the results of analysis for the samples received 5 December 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☑ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Newmarket • Tamworth • Glasgow
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Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 2 samples
received 05 December 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
11 December 2008

Login Batch No					**102087**	
Chemtest LIMS ID					AD69026	AD69027
Sample ID					BH604	BH604A
Sample No						
Depth						
Matrix					*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*		
1010	pH	PH	-	U	7.2	7.1
1450	Arsenic	7440382	µg l⁻¹	U	1.5	4.2
	Cadmium	7440439	µg l⁻¹	U	<0.5	<0.5
	Chromium (total)	7440473	µg l⁻¹	U	3.4	6.9
	Mercury	7439976	µg l⁻¹	U	<0.5	<0.5
	Nickel	7440020	µg l⁻¹	U	10	5.2
	Lead	7439921	µg l⁻¹	U	<1	<1
	Selenium	7782492	µg l⁻¹	U	3.2	4.0
1673	TPH >C6-C10		µg l⁻¹	U	<0.1	<0.1
	TPH >C10-C21		µg l⁻¹	U	<0.1	<0.1
	TPH >C21-C40		µg l⁻¹	U	<0.1	<0.1
	TPH (Aqueous Phase)		µg l⁻¹	U	<10	<10
1700	Naphthalene	91203	µg l⁻¹	N	<0.01	<0.01
	Acenaphthylene	208968	µg l⁻¹	N	<0.01	<0.01
	Acenaphthene	83329	µg l⁻¹	N	<0.01	<0.01
	Fluorene	86737	µg l⁻¹	N	<0.01	<0.01
	Phenanthrene	85018	µg l⁻¹	N	<0.01	<0.01
	Anthracene	120127	µg l⁻¹	N	<0.01	<0.01
	Fluoranthene	206440	µg l⁻¹	N	<0.01	<0.01
	Pyrene	129000	µg l⁻¹	N	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l⁻¹	N	<0.01	<0.01
	Chrysene	218019	µg l⁻¹	N	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l⁻¹	N	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l⁻¹	N	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l⁻¹	N	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l⁻¹	N	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l⁻¹	N	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l⁻¹	N	<0.01	<0.01
	Total (of 16) PAHs		µg l⁻¹	N	<0.2	<0.2
1760	Benzene	71432	µg l⁻¹	U	<0.1	<0.1
	Toluene	108883	µg l⁻¹	U	<1	<1

All tests undertaken between 08-Dec-2008 and 10-Dec-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 2 samples
received 05 December 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
11 December 2008

					102087	
					AD69026	AD69027
					BH604	BH604A
					WATER	*WATER*
1760	Ethyl benzene	100414	µg l-¹	U	<1	<1
	m- & p-Xylene	1330207	µg l-¹	U	<1	<1
	o-Xylene	95476	µg l-¹	U	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002

All tests undertaken between 08-Dec-2008 and 10-Dec-2008

* Accreditation status

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Norwest Holst
Parkside Lane
Dewsbury Road
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LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 2 samples received 05 December 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
11 December 2008

					102087	
					AD69026	AD69027
					BH604	BH604A
					WATER	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002

All tests undertaken between 08-Dec-2008 and 10-Dec-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
11 December 2008

Dear Christian Wilkinson

Test Report Number **102088**
Your Project Reference **Durham Rd, Newport - F15285**

Please find enclosed the results of analysis for the samples received 5 December 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

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Yours sincerely

Authorised Signatory

☐	Darrell Hall	Laboratory Manager
☑	Phil Hellier	Operations Director
☐	Keith Jones	Technical Development Manager
☐	John Crawford	Quality Manager
☐	Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
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- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
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Test Report 102088 Cover Sheet

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 05 December 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
11 December 2008

Login Batch No					**102088**		
	Chemtest LIMS ID				AD69028	AD69029	AD69030
	Sample ID				BH606A	BH607	BH608
	Sample No						
	Depth						
	Matrix				*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
1010	pH	PH	-	U	7.4	7.5	7
1450	Arsenic	7440382	µg l-¹	U	17	2.0	2.5
	Cadmium	7440439	µg l-¹	U	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l-¹	U	3.1	<1	<1
	Mercury	7439976	µg l-¹	U	<0.5	<0.5	<0.5
	Nickel	7440020	µg l-¹	U	3.3	4.6	10
	Lead	7439921	µg l-¹	U	1.4	12	1.0
	Selenium	7782492	µg l-¹	U	3.5	<1	1.0
1673	TPH >C6-C10		µg l-¹	U	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l-¹	U	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l-¹	U	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l-¹	U	<10	<10	<10
1700	Naphthalene	91203	µg l-¹	N	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l-¹	N	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l-¹	N	<0.01	<0.01	<0.01
	Fluorene	86737	µg l-¹	N	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l-¹	N	<0.01	<0.01	<0.01
	Anthracene	120127	µg l-¹	N	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l-¹	N	<0.01	<0.01	<0.01
	Pyrene	129000	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l-¹	N	<0.01	<0.01	<0.01
	Chrysene	218019	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l-¹	N	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l-¹	N	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l-¹	N	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l-¹	N	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l-¹	U	<1	<1	<1
	Toluene	108883	µg l-¹	U	<1	<1	<1

All tests undertaken between 08-Dec-2008 and 10-Dec-2008

* Accreditation status

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Norwest Holst
Parkside Lane
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LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 05 December 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
11 December 2008

					102088		
					AD69028	AD69029	AD69030
					BH606A	BH607	BH608
					WATER	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	U	<1	<1	<1
	m- & p-Xylene	1330207	µg l-¹	U	<1	<1	<1
	o-Xylene	95476	µg l-¹	U	<1	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 08-Dec-2008 and 10-Dec-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 05 December 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
11 December 2008

					102088		
					AD69028	AD69029	AD69030
					BH606A	BH607	BH608
					WATER	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 08-Dec-2008 and 10-Dec-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 23 December 2008

F15285 - Durham Road, Newport

Chemtest

Report Date
06 January 2009

Login Batch No					**102153**		
Chemtest LIMS ID					AD70715	AD70716	AD70717
Sample ID					BH601	BH602	BH604
Sample No							
Depth							
Matrix					*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
1010	pH	PH	-	U	7.3	7.0	7.4
1450	Arsenic	7440382	µg l-¹	U	2.8	2.4	1.3
	Cadmium	7440439	µg l-¹	U	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l-¹	U	5.9	7.5	5.8
	Mercury	7439976	µg l-¹	U	<0.5	<0.5	<0.5
	Nickel	7440020	µg l-¹	U	20	12	13
	Lead	7439921	µg l-¹	U	2.6	<1	<1
	Selenium	7782492	µg l-¹	U	3.2	1.8	4.3
1673	TPH >C6-C10		µg l-¹	U	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l-¹	U	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l-¹	U	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l-¹	U	<10	<10	<10
1700	Naphthalene	91203	µg l-¹	N	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l-¹	N	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l-¹	N	<0.01	<0.01	<0.01
	Fluorene	86737	µg l-¹	N	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l-¹	N	<0.01	<0.01	<0.01
	Anthracene	120127	µg l-¹	N	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l-¹	N	<0.01	<0.01	<0.01
	Pyrene	129000	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l-¹	N	<0.01	<0.01	<0.01
	Chrysene	218019	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l-¹	N	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l-¹	N	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l-¹	N	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l-¹	N	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l-¹	U	<0.1	<0.1	<0.1
	Toluene	108883	µg l-¹	U	<1	<1	<1

All tests undertaken between 23-Dec-2008 and 6-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 23 December 2008

F15285 - Durham Road, Newport

Chemtest

Report Date
06 January 2009

					102153		
					AD70715	AD70716	AD70717
					BH601	BH602	BH604
					WATER	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	U	<1	<1	<1
	m- & p-Xylene	1330207	µg l-¹	U	<1	<1	<1
	o-Xylene	95476	µg l-¹	U	<1	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 23-Dec-2008 and 6-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 23 December 2008

F15285 - Durham Road, Newport

Report Date
06 January 2009

					102153		
					AD70715	AD70716	AD70717
					BH601	BH602	BH604
					WATER	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 23-Dec-2008 and 6-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 23 December 2008

F15285 - Durham Road, Newport

Chemtest

Report Date
06 January 2009

Login Batch No					**102154**			
	Chemtest LIMS ID				AD70719	AD70720	AD70721	AD70722
	Sample ID				BH604A	BH606A	BH607	BH608
	Sample No							
	Depth							
	Matrix				*WATER*	*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*				
1010	pH	PH	-	U	7.4	7.0	7.1	6.9
1450	Arsenic	7440382	µg l⁻¹	U	3.3	2.2	11	7.8
	Cadmium	7440439	µg l⁻¹	U	<0.5	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l⁻¹	U	4.8	10	11	14
	Mercury	7439976	µg l⁻¹	U	<0.5	<0.5	<0.5	<0.5
	Nickel	7440020	µg l⁻¹	U	6.5	11	2.7	2.7
	Lead	7439921	µg l⁻¹	U	<1	<1	<1	<1
	Selenium	7782492	µg l⁻¹	U	3.2	1.9	3.7	5.8
1673	TPH >C6-C10		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l⁻¹	U	<10	<10	<10	<10
1700	Naphthalene	91203	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Fluorene	86737	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Anthracene	120127	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Pyrene	129000	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Chrysene	218019	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l⁻¹	N	<0.2	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	Toluene	108883	µg l⁻¹	U	<1	<1	<1	<1

All tests undertaken between 23-Dec-2008 and 6-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 23 December 2008

F15285 - Durham Road, Newport

Chemtest

Report Date
06 January 2009

					102154			
					AD70719	AD70720	AD70721	AD70722
					BH604A	BH606A	BH607	BH608
					WATER	*WATER*	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	U	<1	<1	<1	<1
	m- & p-Xylene	1330207	µg l-¹	U	<1	<1	<1	<1
	o-Xylene	95476	µg l-¹	U	<1	<1	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 23-Dec-2008 and 6-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples received 23 December 2008

F15285 - Durham Road, Newport

Report Date
06 January 2009

					102154			
					AD70719	AD70720	AD70721	AD70722
					BH604A	BH606A	BH607	BH608
					WATER	*WATER*	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 23-Dec-2008 and 6-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Client: **Norwest Holst Ltd - Soil Engineering Div**
Parkside Lane
Dewsbury Road
LEEDS
West Yorkshire
LS11 5SX

FAO: Mr S Kirk

Test Report Number: R08/1638

Client Project Name:	**Durham Road, Newport**
Client Project Number:	**F15285**
Your Order Number:	**F15285**
Order Receipt Date:	**26/09/08**
Reporting Date:	**Thursday 30 October, 2008**

If you have any queries regarding this report please contact our Customer Services Section

ECõS Environmental Limited
Low Moor Business Park, Common Road, Bradford BD12 0NB
Tel: 01274 691122 Fax: 01274 608100

Client Project Name: Durham Road, Newport | **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 | **Reporting Date: Thursday 30 October, 2008**

Comments

All analyses are carried out using the laboratory's standard methods unless otherwise agreed.

The test results in this report refer only to the actual samples on which testing has been performed.

Any opinions and/or interpretations expressed herein are outside the scope of the testing laboratory's UKAS accreditation.

The test report shall not be reproduced, except in full, without the testing laboratory's written approval.

This testing laboratory cannot be held responsible for the condition or suitability of samples submitted for testing by a third party or for the competency of personnel other than its own staff.

This laboratory cannot be held responsible for the accuracy of test sample locations or descriptions when supplied by a third party.

Soil Samples

Results are expressed on a dry mass basis. Assisted drying carried out @ 40°C.

See key in Notes section for explanation of numerical categories for asbestos results, if applicable.

All material is crushed if possible after assisted drying. Material which cannot be crushed is removed prior to analysis. See Notes section for details, if applicable.

Samples submitted for leachate determination were prepared using agreed procedures and analysed using UKAS accredited methodology where appropriate.

Results are expressed without correction for recovery factors.

Results marked with a ^{U} are UKAS accredited.

Sample Pretreatment (as listed in method statement)

AD = Assisted drying @ 40°C
R = As Received

Sample Type

B = Bulk disturbed sample
C = Core Sample
D = Small disturbed sample
ES = Environmental Soil Sample
P = Piston sample
U = Undisturbed sample - open drive
W = Water Sample
EW = Environmental Water Sample

Sample Results

Analysis not requested
*** Test not completed. Please see notes on last page

Signed:_____

For and on behalf of ECõS Environmental Limited

Approved signatories:

Name	Position
J R Brown	Business Development Manager
L Dewell	Production Manager
J Stoddart	Technical Manager

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Thursday 30 October, 2008

Water Samples

Method Statement

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
pH	pH-meter	R	N/A	No	07/10/2008
Phenols	HPLC-EC	R	0.5 ug/l	No	06/10/2008
PAH (sum of PAH 17)	GC-MS	R	0.02 ug/l	No	10/10/2008
Naphthalene	GC-MS	R	0.02 ug/l	No	10/10/2008
Acenaphthylene	GC-MS	R	0.02 ug/l	No	10/10/2008
Acenaphthene	GC-MS	R	0.02 ug/l	No	10/10/2008
Fluorene	GC-MS	R	0.02 ug/l	No	10/10/2008
Phenanthrene	GC-MS	R	0.02 ug/l	No	10/10/2008
Anthracene	GC-MS	R	0.02 ug/l	No	10/10/2008
Fluoranthene	GC-MS	R	0.02 ug/l	No	10/10/2008
Pyrene	GC-MS	R	0.02 ug/l	No	10/10/2008
Benzo(a)anthracene	GC-MS	R	0.01 ug/l	No	10/10/2008
Chrysene	GC-MS	R	0.01 ug/l	No	10/10/2008
Benzo(b)+(j)fluoranthene	GC-MS	R	0.01 ug/l	No	10/10/2008
Benzo(k)fluoranthene	GC-MS	R	0.01 ug/l	No	10/10/2008
Benzo(a)pyrene	GC-MS	R	0.01 ug/l	No	10/10/2008
Indeno(1,2,3-cd)pyrene	GC-MS	R	0.01 ug/l	No	10/10/2008
Dibenz(a,h)anthracene	GC-MS	R	0.01 ug/l	No	10/10/2008
Benzo(g,h,i)perylene	GC-MS	R	0.01 ug/l	No	10/10/2008
Arsenic	ICP-MS	R	0.2 ug/l	No	03/10/2008
Cadmium	ICP-MS	R	0.01 ug/l	No	03/10/2008
Chromium	ICP-MS	R	0.07 ug/l	No	03/10/2008
Lead	ICP-MS	R	0.2 ug/l	No	03/10/2008
Mercury	ICP-MS	R	0.02 ug/l	No	03/10/2008
Nickel	ICP-MS	R	0.5 ug/l	No	03/10/2008
Selenium	ICP-MS	R	0.5 ug/l	No	03/10/2008
Benzene	HS-GC-MS	R	1 ug/l	No	30/10/2008
Toluene	HS-GC-MS	R	1 ug/l	No	30/10/2008
Ethylbenzene	HS-GC-MS	R	1 ug/l	No	30/10/2008
m+p-Xylene	HS-GC-MS	R	2 ug/l	No	30/10/2008
o-Xylene	HS-GC-MS	R	1 ug/l	No	30/10/2008
TPH	GC-FID	R	0.05 mg/l	No	07/10/2008
TPH EC10-EC12	GC-FID	R	0.01 mg/l	No	07/10/2008
TPH EC12-EC16	GC-FID	R	0.01 mg/l	No	07/10/2008
TPH EC16-EC21	GC-FID	R	0.01 mg/l	No	07/10/2008
TPH EC21-EC35	GC-FID	R	0.05 mg/l	No	07/10/2008
TPH EC35-EC40	GC-FID	R	0.05 mg/l	No	07/10/2008
TPH EC5-EC6	HS-GC-FID	R	0.01 mg/l	No	07/10/2008
TPH EC6-EC8	HS-GC-FID	R	0.01 mg/l	No	07/10/2008
TPH EC8-EC10	HS-GC-FID	R	0.01 mg/l	No	07/10/2008
Polychlorinated biphenyl BZ#101	GC-MS (HR)	R	0.005 ug/l	Yes	08/10/2008
Polychlorinated biphenyl BZ#118	GC-MS (HR)	R	0.005 ug/l	Yes	08/10/2008

Client Project Name: Durham Road, Newport **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 **Reporting Date: Thursday 30 October, 2008**

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
Polychlorinated biphenyl BZ#138	GC-MS (HR)	R	0.005 ug/l	Yes	08/10/2008
Polychlorinated biphenyl BZ#153	GC-MS (HR)	R	0.005 ug/l	Yes	08/10/2008
Polychlorinated biphenyl BZ#180	GC-MS (HR)	R	0.005 ug/l	Yes	08/10/2008
Polychlorinated biphenyl BZ#28	GC-MS (HR)	R	0.005 ug/l	Yes	08/10/2008
Polychlorinated biphenyl BZ#52	GC-MS (HR)	R	0.005 ug/l	Yes	08/10/2008

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Thursday 30 October, 2008

Sample Location		BH601	BH602	BH603	BH604	BH604A
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled						
Receipt Date		26/09/08	26/09/08	26/09/08	26/09/08	26/09/08
ECõS Sample ID		S0810537	S0810538	S0810539	S0810540	S0810541
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
pH	N/A	7.5	7.3	7.8	7.5	8.0
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	<0.02	<0.02	<0.02	0.10	0.051
Naphthalene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	<0.02	<0.02	0.05
Fluorene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Phenanthrene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Anthracene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluoranthene	ug/l	<0.02	<0.02	<0.02	0.02	<0.02
Pyrene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Benzo(a)anthracene	ug/l	<0.01	<0.01	<0.01	0.02	<0.01
Chrysene	ug/l	<0.01	<0.01	<0.01	0.02	<0.01
Benzo(b)+(j)fluoranthene	ug/l	<0.01	<0.01	<0.01	0.01	<0.01
Benzo(k)fluoranthene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)pyrene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Arsenic	ug/l	1.5 U	1.1 U	2.9 U	0.4 U	8.5 U
Cadmium	ug/l	0.32 U	0.35 U	0.13 U	0.13 U	0.04 U
Chromium	ug/l	1.98 U	3.43 U	1.77 U	2.50 U	12.48 U
Lead	ug/l	1.9 U	0.8 U	<0.2 U	0.3 U	<0.2 U
Mercury	ug/l	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.02 U
Nickel	ug/l	8.9 U	9.7 U	6.9 U	5.6 U	1.3 U
Selenium	ug/l	1.5 U	0.6 U	2.2 U	2.3 U	0.6 U
Benzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Toluene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Ethylbenzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
m+p-Xylene	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
o-Xylene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
TPH	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Thursday 30 October, 2008

Sample Location		BH601	BH602	BH603	BH604	BH604A
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled						
Receipt Date		26/09/08	26/09/08	26/09/08	26/09/08	26/09/08
ECõS Sample ID		S0810537	S0810538	S0810539	S0810540	S0810541
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#52	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#101	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#118	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#153	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#138	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#180	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Thursday 30 October, 2008

Sample Location		BH606	BH606A	BH607	BH608	WT02
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled						
Receipt Date		26/09/08	26/09/08	26/09/08	26/09/08	26/09/08
ECõS Sample ID		S0810542	S0810543	S0810544	S0810545	S0810546
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
pH	N/A	7.6	7.6	7.5	7.3	7.7
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	0.20	<0.02	<0.02	0.60	<0.02
Naphthalene	ug/l	<0.02	<0.02	<0.02	0.16	<0.02
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	<0.02	0.33	<0.02
Fluorene	ug/l	<0.02	<0.02	<0.02	0.07	<0.02
Phenanthrene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Anthracene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluoranthene	ug/l	0.05	<0.02	<0.02	0.03	<0.02
Pyrene	ug/l	0.05	<0.02	<0.02	<0.02	<0.02
Benzo(a)anthracene	ug/l	0.01	<0.01	<0.01	<0.01	<0.01
Chrysene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(b)+(j)fluoranthene	ug/l	0.02	<0.01	<0.01	<0.01	<0.01
Benzo(k)fluoranthene	ug/l	0.02	<0.01	<0.01	<0.01	<0.01
Benzo(a)pyrene	ug/l	0.01	<0.01	<0.01	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	0.01	<0.01	<0.01	<0.01	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	0.03	<0.01	<0.01	<0.01	<0.01
Arsenic	ug/l	1.3 U	3.4 U	3.9 U	0.8 U	7.1 U
Cadmium	ug/l	0.37 U	0.01 U	0.15 U	0.08 U	0.02 U
Chromium	ug/l	2.85 U	10.55 U	3.02 U	3.26 U	2.30 U
Lead	ug/l	0.4 U	<0.2 U	0.4 U	0.2 U	1.2 U
Mercury	ug/l	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.02 U
Nickel	ug/l	7.0 U	0.9 U	2.4 U	3.7 U	12.1 U
Selenium	ug/l	0.7 U	<0.5 U	1.6 U	<0.5 U	0.5 U
Benzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Toluene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Ethylbenzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
m+p-Xylene	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
o-Xylene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
TPH	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Thursday 30 October, 2008

Sample Location		BH606	BH606A	BH607	BH608	WT02
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled						
Receipt Date		26/09/08	26/09/08	26/09/08	26/09/08	26/09/08
ECõS Sample ID		S0810542	S0810543	S0810544	S0810545	S0810546
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#52	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#101	ug/l	<0.005	<0.005	<0.005	<0.005	0.007
Polychlorinated biphenyl BZ#118	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#153	ug/l	<0.005	<0.005	<0.005	<0.005	0.006
Polychlorinated biphenyl BZ#138	ug/l	<0.005	<0.005	<0.005	<0.005	0.01
Polychlorinated biphenyl BZ#180	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Thursday 30 October, 2008

	Sample Location	SM01	SM02
	Top Depth / m		
	Bottom Depth / m		
	Sample No.		
	Sample Type		
	Date Sampled		
	Receipt Date	26/09/08	26/09/08
	ECõS Sample ID	S0810547	S0810548
	Matrix Type	Ground Water	Ground Water
Determinand	**Units**		
pH	N/A	8.1	7.5
Phenols	ug/l	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	<0.02	0.36
Naphthalene	ug/l	<0.02	0.02
Acenaphthylene	ug/l	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02
Fluorene	ug/l	<0.02	0.02
Phenanthrene	ug/l	<0.02	0.07
Anthracene	ug/l	<0.02	<0.02
Fluoranthene	ug/l	<0.02	0.09
Pyrene	ug/l	<0.02	0.07
Benzo(a)anthracene	ug/l	<0.01	0.01
Chrysene	ug/l	<0.01	0.05
Benzo(b)+(j)fluoranthene	ug/l	<0.01	0.01
Benzo(k)fluoranthene	ug/l	<0.01	<0.01
Benzo(a)pyrene	ug/l	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	<0.01	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	<0.01	<0.01
Arsenic	ug/l	1.4 U	2.0 U
Cadmium	ug/l	0.01 U	<0.01 U
Chromium	ug/l	1.30 U	2.22 U
Lead	ug/l	<0.2 U	<0.2 U
Mercury	ug/l	<0.02 U	<0.02 U
Nickel	ug/l	1.4 U	1.6 U
Selenium	ug/l	1.1 U	1.1 U
Benzene	ug/l	<1 U	<1 U
Toluene	ug/l	<1 U	<1 U
Ethylbenzene	ug/l	<1 U	<1 U
m+p-Xylene	ug/l	<2 U	<2 U
o-Xylene	ug/l	<1 U	<1 U
TPH	mg/l	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Thursday 30 October, 2008

	Sample Location	SM01	SM02
	Top Depth / m		
	Bottom Depth / m		
	Sample No.		
	Sample Type		
	Date Sampled		
	Receipt Date	26/09/08	26/09/08
	ECõS Sample ID	S0810547	S0810548
	Matrix Type	Ground Water	Ground Water
Determinand	**Units**		
TPH EC16-EC21	mg/l	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01
Polychlorinated biphenyl BZ#28	ug/l	<0.005	<0.005
Polychlorinated biphenyl BZ#52	ug/l	<0.005	<0.005
Polychlorinated biphenyl BZ#101	ug/l	<0.005	<0.005
Polychlorinated biphenyl BZ#118	ug/l	<0.005	<0.005
Polychlorinated biphenyl BZ#153	ug/l	<0.005	<0.005
Polychlorinated biphenyl BZ#138	ug/l	<0.005	<0.005
Polychlorinated biphenyl BZ#180	ug/l	<0.005	<0.005

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Thursday 30 October, 2008

Notes and Preservation Details

PCB analyses undertaken by UKAS laboratory number 1549.

End of Test Report

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
07 January 2009

Dear Christian Wilkinson

Test Report Number **102223**
Your Project Reference **F15285 - Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 19 December 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall	Laboratory Manager
□ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Manager
□ John Crawford	Quality Manager
□ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 19 December 2008

F15285 - Durham Rd, Newport

Chemtest

Report Date
07 January 2009

Login Batch No					**102223**		
Chemtest LIMS ID					AD72387	AD72388	AD72389
Sample ID					BH601	BH602	BH604
Sample No							
Depth							
Matrix					*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
1010	pH	PH	-	U	7.2	7.0	7.1
1450	Arsenic	7440382	µg l⁻¹	U	3.5	3.2	1.3
	Cadmium	7440439	µg l⁻¹	U	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l⁻¹	U	7.7	6.4	6.5
	Mercury	7439976	µg l⁻¹	U	0.52	<0.5	<0.5
	Nickel	7440020	µg l⁻¹	U	21	9.9	12
	Lead	7439921	µg l⁻¹	U	13	1.5	1.1
	Selenium	7782492	µg l⁻¹	U	3.8	2.0	4.0
1673	TPH >C6-C10		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l⁻¹	U	<10	<10	<10
1700	Naphthalene	91203	µg l⁻¹	N	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l⁻¹	N	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l⁻¹	N	<0.01	<0.01	<0.01
	Fluorene	86737	µg l⁻¹	N	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l⁻¹	N	<0.01	<0.01	<0.01
	Anthracene	120127	µg l⁻¹	N	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l⁻¹	N	<0.01	<0.01	<0.01
	Pyrene	129000	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l⁻¹	N	<0.01	<0.01	<0.01
	Chrysene	218019	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l⁻¹	N	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l⁻¹	N	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l⁻¹	N	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l⁻¹	N	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l⁻¹	U	<0.1	<0.1	<0.1
	Toluene	108883	µg l⁻¹	U	<1	<1	<1

All tests undertaken between 22-Dec-2008 and 6-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 19 December 2008

F15285 - Durham Rd, Newport

Chemtest

Report Date
07 January 2009

					102223		
					AD72387	AD72388	AD72389
					BH601	BH602	BH604
					WATER	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	U	<1	<1	<1
	m- & p-Xylene	1330207	µg l-¹	U	<1	<1	<1
	o-Xylene	95476	µg l-¹	U	<1	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 22-Dec-2008 and 6-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 19 December 2008

F15285 - Durham Rd, Newport

Chemtest

Report Date
07 January 2009

					102223		
					AD72387	AD72388	AD72389
					BH601	BH602	BH604
					WATER	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 22-Dec-2008 and 6-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
07 January 2009

Dear Christian Wilkinson

Test Report Number **102224**
Your Project Reference **F15285 - Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 19 December 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

KT Jones

Authorised Signatory

□ Darrell Hall	Laboratory Manager
□ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Manager
□ John Crawford	Quality Manager
□ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 19 December 2008

F15285 - Durham Rd, Newport

Chemtest

Report Date
07 January 2009

Login Batch No					**102224**		
Chemtest LIMS ID					AD72390	AD72391	AD72392
Sample ID					BH608	SM01	SM02
Sample No							
Depth							
Matrix					*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
1010	pH	PH	-	U	6.7	7.5	7.2
1450	Arsenic	7440382	µg l⁻¹	U	2.5	1.3	1.5
	Cadmium	7440439	µg l⁻¹	U	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l⁻¹	U	9.5	3.6	3.7
	Mercury	7439976	µg l⁻¹	U	<0.5	<0.5	<0.5
	Nickel	7440020	µg l⁻¹	U	9.3	2.8	3.2
	Lead	7439921	µg l⁻¹	U	2.1	<1	1.2
	Selenium	7782492	µg l⁻¹	U	1.4	1.9	2.0
1673	TPH >C6-C10		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l⁻¹	U	<10	<10	<10
1700	Naphthalene	91203	µg l⁻¹	N	0.55	1.5	0.88
	Acenaphthylene	208968	µg l⁻¹	N	0.86	0.058	0.42
	Acenaphthene	83329	µg l⁻¹	N	4.5	1.6	2.3
	Fluorene	86737	µg l⁻¹	N	<0.01	0.018	0.027
	Phenanthrene	85018	µg l⁻¹	N	0.59	<0.01	<0.01
	Anthracene	120127	µg l⁻¹	N	0.27	1.2	0.92
	Fluoranthene	206440	µg l⁻¹	N	<0.01	<0.01	<0.01
	Pyrene	129000	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l⁻¹	N	<0.01	<0.01	<0.01
	Chrysene	218019	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l⁻¹	N	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l⁻¹	N	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l⁻¹	N	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l⁻¹	N	6.775	4.376	4.547
1760	Benzene	71432	µg l⁻¹	U	<0.1	<0.1	<0.1
	Toluene	108883	µg l⁻¹	U	<1	<1	<1

All tests undertaken between 22-Dec-2008 and 6-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 19 December 2008

F15285 - Durham Rd, Newport

Chemtest

Report Date
07 January 2009

					102224		
					AD72390	AD72391	AD72392
					BH608	SM01	SM02
					WATER	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	U	<1	<1	<1
	m- & p-Xylene	1330207	µg l-¹	U	<1	<1	<1
	o-Xylene	95476	µg l-¹	U	<1	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 22-Dec-2008 and 6-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 19 December 2008

F15285 - Durham Rd, Newport

Chemtest

Report Date
07 January 2009

					102224		
					AD72390	AD72391	AD72392
					BH608	SM01	SM02
					WATER	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 22-Dec-2008 and 6-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
07 January 2009

Dear Christian Wilkinson

Test Report Number **102246**
Your Project Reference **F15285 - Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 19 December 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

KT Jones

Authorised Signatory

☐ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Test Report 102246 Cover Sheet

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 19 December 2008

F15285 - Durham Rd, Newport

Chemtest

Report Date
07 January 2009

Login Batch No					**102246**		
Chemtest LIMS ID					AD72695	AD72696	AD72697
Sample ID					604a	606a	607
Sample No							
Depth							
Matrix					*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
1010	pH	PH	-	U	6.9	6.8	7.1
1450	Arsenic	7440382	µg l⁻¹	U	1.9	15	2.3
	Cadmium	7440439	µg l⁻¹	U	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l⁻¹	U	6.8	9.7	4.8
	Mercury	7439976	µg l⁻¹	U	<0.5	<0.5	<0.5
	Nickel	7440020	µg l⁻¹	U	4.7	3.4	6.4
	Lead	7439921	µg l⁻¹	U	<1	<1	3.0
	Selenium	7782492	µg l⁻¹	U	1.5	3.4	2.1
1673	TPH >C6-C10		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l⁻¹	U	<10	<10	<10
1700	Naphthalene	91203	µg l⁻¹	N	4.9	2.8	3.1
	Acenaphthylene	208968	µg l⁻¹	N	0.25	0.42	0.16
	Acenaphthene	83329	µg l⁻¹	N	0.24	0.053	<0.01
	Fluorene	86737	µg l⁻¹	N	0.032	<0.01	0.085
	Phenanthrene	85018	µg l⁻¹	N	<0.01	<0.01	<0.01
	Anthracene	120127	µg l⁻¹	N	<0.01	0.38	0.089
	Fluoranthene	206440	µg l⁻¹	N	<0.01	<0.01	<0.01
	Pyrene	129000	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l⁻¹	N	<0.01	<0.01	<0.01
	Chrysene	218019	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l⁻¹	N	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l⁻¹	N	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l⁻¹	N	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l⁻¹	N	5.422	3.654	3.434
1760	Benzene	71432	µg l⁻¹	U	<0.1	<0.1	<0.1
	Toluene	108883	µg l⁻¹	U	<1	<1	<1

All tests undertaken between 24-Sep-2008 and 6-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 19 December 2008

F15285 - Durham Rd, Newport

Chemtest

Report Date
07 January 2009

					102246		
					AD72695	AD72696	AD72697
					604a	606a	607
					WATER	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	U	<1	<1	<1
	m- & p-Xylene	1330207	µg l-¹	U	<1	<1	<1
	o-Xylene	95476	µg l-¹	U	<1	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 24-Sep-2008 and 6-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 19 December 2008

F15285 - Durham Rd, Newport

Chemtest

Report Date
07 January 2009

					102246		
					AD72695	AD72696	AD72697
					604a	606a	607
					WATER	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 24-Sep-2008 and 6-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
06 January 2009

Dear Christian Wilkinson

Test Report Number **102153**
Your Project Reference **F15285 - Durham Road, Newport**

Please find enclosed the results of analysis for the samples received 23 December 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

□ Darrell Hall	Laboratory Manager
□ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Manager
□ John Crawford	Quality Manager
□ Malcolm Avis	Technical Director

Authorised Signatory

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 23 December 2008

F15285 - Durham Road, Newport

Chemtest

Report Date
06 January 2009

Login Batch No					**102153**		
Chemtest LIMS ID					AD70715	AD70716	AD70717
Sample ID					BH601	BH602	BH604
Sample No							
Depth							
Matrix					*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
1010	pH	PH	-	U	7.3	7.0	7.4
1450	Arsenic	7440382	µg l-¹	U	2.8	2.4	1.3
	Cadmium	7440439	µg l-¹	U	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l-¹	U	5.9	7.5	5.8
	Mercury	7439976	µg l-¹	U	<0.5	<0.5	<0.5
	Nickel	7440020	µg l-¹	U	20	12	13
	Lead	7439921	µg l-¹	U	2.6	<1	<1
	Selenium	7782492	µg l-¹	U	3.2	1.8	4.3
1673	TPH >C6-C10		µg l-¹	U	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l-¹	U	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l-¹	U	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l-¹	U	<10	<10	<10
1700	Naphthalene	91203	µg l-¹	N	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l-¹	N	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l-¹	N	<0.01	<0.01	<0.01
	Fluorene	86737	µg l-¹	N	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l-¹	N	<0.01	<0.01	<0.01
	Anthracene	120127	µg l-¹	N	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l-¹	N	<0.01	<0.01	<0.01
	Pyrene	129000	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l-¹	N	<0.01	<0.01	<0.01
	Chrysene	218019	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l-¹	N	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l-¹	N	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l-¹	N	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l-¹	N	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l-¹	U	<0.1	<0.1	<0.1
	Toluene	108883	µg l-¹	U	<1	<1	<1

All tests undertaken between 23-Dec-2008 and 6-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 23 December 2008

F15285 - Durham Road, Newport

Chemtest

Report Date
06 January 2009

					102153		
					AD70715	AD70716	AD70717
					BH601	BH602	BH604
					WATER	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	U	<1	<1	<1
	m- & p-Xylene	1330207	µg l-¹	U	<1	<1	<1
	o-Xylene	95476	µg l-¹	U	<1	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 23-Dec-2008 and 6-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 23 December 2008

F15285 - Durham Road, Newport

Report Date
06 January 2009

					102153		
					AD70715	AD70716	AD70717
					BH601	BH602	BH604
					WATER	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 23-Dec-2008 and 6-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
06 January 2009

Dear Christian Wilkinson

Test Report Number **102154**
Your Project Reference **F15285 - Durham Road, Newport**

Please find enclosed the results of analysis for the samples received 23 December 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

KT Jones

Authorised Signatory

□ Darrell Hall	Laboratory Manager
□ Phil Hellier	Operations Director
✓ Keith Jones	Technical Development Manager
□ John Crawford	Quality Manager
□ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 23 December 2008

F15285 - Durham Road, Newport

Chemtest

Report Date
06 January 2009

Login Batch No					**102154**			
	Chemtest LIMS ID				AD70719	AD70720	AD70721	AD70722
	Sample ID				BH604A	BH606A	BH607	BH608
	Sample No							
	Depth							
	Matrix				*WATER*	*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*				
1010	pH	PH	-	U	7.4	7.0	7.1	6.9
1450	Arsenic	7440382	µg l⁻¹	U	3.3	2.2	11	7.8
	Cadmium	7440439	µg l⁻¹	U	<0.5	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l⁻¹	U	4.8	10	11	14
	Mercury	7439976	µg l⁻¹	U	<0.5	<0.5	<0.5	<0.5
	Nickel	7440020	µg l⁻¹	U	6.5	11	2.7	2.7
	Lead	7439921	µg l⁻¹	U	<1	<1	<1	<1
	Selenium	7782492	µg l⁻¹	U	3.2	1.9	3.7	5.8
1673	TPH >C6-C10		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l⁻¹	U	<10	<10	<10	<10
1700	Naphthalene	91203	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Fluorene	86737	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Anthracene	120127	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Pyrene	129000	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Chrysene	218019	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l⁻¹	N	<0.2	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	Toluene	108883	µg l⁻¹	U	<1	<1	<1	<1

All tests undertaken between 23-Dec-2008 and 6-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 23 December 2008

F15285 - Durham Road, Newport

Chemtest

Report Date
06 January 2009

					102154			
					AD70719	AD70720	AD70721	AD70722
					BH604A	BH606A	BH607	BH608
					WATER	*WATER*	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	U	<1	<1	<1	<1
	m- & p-Xylene	1330207	µg l-¹	U	<1	<1	<1	<1
	o-Xylene	95476	µg l-¹	U	<1	<1	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 23-Dec-2008 and 6-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples received 23 December 2008

F15285 - Durham Road, Newport

Report Date
06 January 2009

					102154			
					AD70719	AD70720	AD70721	AD70722
					BH604A	BH606A	BH607	BH608
					WATER	*WATER*	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 23-Dec-2008 and 6-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
13 January 2009

Dear Christian Wilkinson

Test Report Number **48963**
Your Project Reference **F15285 - Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 9 January 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☐ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 09 January 2009

F15285 - Durham Rd, Newport

Chemtest

Report Date
13 January 2009

Login Batch No					**48963**		
	Chemtest LIMS ID				AD74206	AD74207	AD74208
	Sample ID				BH606A	BH604A	BH602
	Sample No						
	Depth						
	Matrix				*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
1010	pH	PH	-	U	7.2	7.0	6.9
1450	Arsenic	7440382	µg l⁻¹	U	9.1	1.9	2.5
	Cadmium	7440439	µg l⁻¹	U	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l⁻¹	U	5.9	5.0	3.6
	Mercury	7439976	µg l⁻¹	U	<0.5	<0.5	<0.5
	Nickel	7440020	µg l⁻¹	U	3.7	4.6	7.3
	Lead	7439921	µg l⁻¹	U	<1	<1	<1
	Selenium	7782492	µg l⁻¹	U	2.1	1.5	1.2
1673	TPH >C6-C10		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l⁻¹	U	<10	<10	<10
1700	Naphthalene	91203	µg l⁻¹	N	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l⁻¹	N	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l⁻¹	N	<0.01	<0.01	<0.01
	Fluorene	86737	µg l⁻¹	N	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l⁻¹	N	<0.01	<0.01	<0.01
	Anthracene	120127	µg l⁻¹	N	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l⁻¹	N	<0.01	<0.01	<0.01
	Pyrene	129000	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l⁻¹	N	<0.01	<0.01	<0.01
	Chrysene	218019	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l⁻¹	N	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l⁻¹	N	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l⁻¹	N	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l⁻¹	N	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l⁻¹	U	<0.1	<0.1	<1
	Toluene	108883	µg l⁻¹	U	<1	<1	<1

All tests undertaken between 09-Jan-2009 and 13-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 09 January 2009

F15285 - Durham Rd, Newport

Chemtest

Report Date
13 January 2009

					48963		
					AD74206	AD74207	AD74208
					BH606A	BH604A	BH602
					WATER	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	U	<1	<1	<1
	m- & p-Xylene	1330207	µg l-¹	U	<1	<1	<1
	o-Xylene	95476	µg l-¹	U	<1	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 09-Jan-2009 and 13-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 09 January 2009

F15285 - Durham Rd, Newport

Report Date
13 January 2009

					48963		
					AD74206	AD74207	AD74208
					BH606A	BH604A	BH602
					WATER	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 09-Jan-2009 and 13-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
13 January 2009

Dear Christian Wilkinson

Test Report Number **102309**
Your Project Reference **F15285 - Durham Road, Newport**

Please find enclosed the results of analysis for the samples received 24 December 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☐ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 6 samples
received 24 December 2008

F15285 - Durham Road, Newport

Chemtest

Report Date
13 January 2009

Login Batch No					**102309**						
Chemtest LIMS ID					AD73324	AD73325	AD73326	AD73327	AD73328	AD73329	
Sample ID					BH602	BH603	BH604	BH604A	BH606A	BH608	
Sample No											
Depth											
Matrix					*WATER*	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*	
SOP↓	Determinand↓	CAS No↓	Units↓	*							
1010	pH	PH	-	U	7.0	7.2	7.2	6.9	6.9	7.1	
1450	Arsenic	7440382	µg l⁻¹	U	1.9	1.5	1.1	1.8	2.2	4.6	
	Cadmium	7440439	µg l⁻¹	U	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
	Chromium (total)	7440473	µg l⁻¹	U	7.0	6.2	5.6	10	8.2	8.9	
	Mercury	7439976	µg l⁻¹	U	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
	Nickel	7440020	µg l⁻¹	U	10	4.8	12	15	6.1	4.9	
	Lead	7439921	µg l⁻¹	U	<1	<1	<1	<1	<1	<1	
	Selenium	7782492	µg l⁻¹	U	1.8	1.3	2.9	1.9	2.3	2.1	
1673	TPH >C6-C10		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
	TPH >C10-C21		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
	TPH >C21-C40		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	
	TPH (Aqueous Phase)		µg l⁻¹	U	<10	<10	<10	<10	<10	<10	
1700	Naphthalene	91203	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
	Acenaphthylene	208968	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
	Acenaphthene	83329	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
	Fluorene	86737	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
	Phenanthrene	85018	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
	Anthracene	120127	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
	Fluoranthene	206440	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
	Pyrene	129000	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
	Benzo[a]anthracene	56553	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
	Chrysene	218019	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
	Benzo[b]fluoranthene	205992	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
	Benzo[k]fluoranthene	207089	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
	Benzo[a]pyrene	50328	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
	Dibenzo[a,h]anthracene	53703	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
	Indeno[1,2,3-cd]pyrene	193395	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
	Benzo[g,h,i]perylene	191242	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
	Total (of 16) PAHs		µg l⁻¹	N	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
1760	Benzene	71432	µg l⁻¹	U	<0.1	<0.1	<0.1	0.3	0.3	<0.1	
	Toluene	108883	µg l⁻¹	U	<1	<1	<1	<1	<1	<1	

All tests undertaken between 29-Dec-2008 and 6-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 6 samples
received 24 December 2008

F15285 - Durham Road, Newport

Chemtest

Report Date
13 January 2009

					102309					
					AD73324	AD73325	AD73326	AD73327	AD73328	AD73329
					BH602	BH603	BH604	BH604A	BH606A	BH608
					WATER	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	U	<1	<1	<1	<1	<1	<1
	m- & p-Xylene	1330207	µg l-¹	U	<1	<1	<1	<1	<1	<1
	o-Xylene	95476	µg l-¹	U	<1	<1	<1	<1	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 29-Dec-2008 and 6-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 6 samples
received 24 December 2008

F15285 - Durham Road, Newport

Report Date
13 January 2009

					102309					
					AD73324	AD73325	AD73326	AD73327	AD73328	AD73329
					BH602	BH603	BH604	BH604A	BH606A	BH608
					WATER	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 29-Dec-2008 and 6-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
26 January 2009

Dear Christian Wilkinson

Test Report Number **102377**
Your Project Reference **F15285 Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 16 January 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall	Laboratory Manager
☑ Phil Hellier	Operations Director
□ Keith Jones	Technical Development Manager
□ John Crawford	Quality Manager
□ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
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- *The results relate only to the items tested*

Newmarket • Tamworth • Glasgow
Registered in England & Wales - Registration Number 6511736 - Registered Office: 11 Depot Road Newmarket Suffolk CB8 0AL

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 16 January 2009

F15285 Durham Rd, Newport

Report Date
26 January 2009

Login Batch No					**102377**		
Chemtest LIMS ID					AD75684	AD75685	AD75686
Sample ID					BH601	BH602	BH604
Sample No							
Depth							
Matrix					*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
1010	pH	PH	-	U	6.9	6.8	6.8
1450	Arsenic	7440382	µg l-¹	U	2.3	4.3	1.1
	Cadmium	7440439	µg l-¹	U	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l-¹	U	5.5	4.7	3.5
	Mercury	7439976	µg l-¹	U	<0.5	<0.5	<0.5
	Nickel	7440020	µg l-¹	U	17	10	11
	Lead	7439921	µg l-¹	U	5.6	1.0	<1
	Selenium	7782492	µg l-¹	U	3.3	3.5	3.3
1673	TPH >C6-C10		µg l-¹	U	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l-¹	U	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l-¹	U	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l-¹	U	<10	<10	<10
1700	Naphthalene	91203	µg l-¹	N	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l-¹	N	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l-¹	N	<0.01	<0.01	<0.01
	Fluorene	86737	µg l-¹	N	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l-¹	N	<0.01	<0.01	<0.01
	Anthracene	120127	µg l-¹	N	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l-¹	N	<0.01	<0.01	<0.01
	Pyrene	129000	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l-¹	N	<0.01	<0.01	<0.01
	Chrysene	218019	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l-¹	N	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l-¹	N	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l-¹	N	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l-¹	N	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l-¹	U	<0.1	<0.1	<0.1
	Toluene	108883	µg l-¹	U	<1	<1	<1

All tests undertaken between 19-Jan-2009 and 22-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 16 January 2009

F15285 Durham Rd, Newport

Chemtest

Report Date
26 January 2009

					102377		
					AD75684	AD75685	AD75686
					BH601	BH602	BH604
					WATER	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	U	<1	<1	<1
	m- & p-Xylene	1330207	µg l-¹	U	<1	<1	<1
	o-Xylene	95476	µg l-¹	U	<1	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 19-Jan-2009 and 22-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 16 January 2009

F15285 Durham Rd, Newport

Report Date
26 January 2009

					102377		
					AD75684	AD75685	AD75686
					BH601	BH602	BH604
					WATER	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 19-Jan-2009 and 22-Jan-2009

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Chemtest

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Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
26 January 2009

Dear Christian Wilkinson

Test Report Number **102378**
Your Project Reference **F15285 Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 16 January 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☐ Darrell Hall	Laboratory Manager
☑ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Newmarket • Tamworth • Glasgow
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Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 16 January 2009

F15285 Durham Rd, Newport

Report Date
26 January 2009

Login Batch No					**102378**		
Chemtest LIMS ID					AD75687	AD75688	AD75689
Sample ID					BH604A	BH606A	BH607
Sample No							
Depth							
Matrix					*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
1010	pH	PH	-	U	7.5	7.1	7.4
1450	Arsenic	7440382	µg l-¹	U	6.0	9.5	2.4
	Cadmium	7440439	µg l-¹	U	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l-¹	U	13	7.2	3.9
	Mercury	7439976	µg l-¹	U	<0.5	<0.5	<0.5
	Nickel	7440020	µg l-¹	U	3.0	2.8	6.2
	Lead	7439921	µg l-¹	U	<1	<1	6.0
	Selenium	7782492	µg l-¹	U	6.6	2.8	2.4
1673	TPH >C6-C10		µg l-¹	U	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l-¹	U	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l-¹	U	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l-¹	U	<10	<10	<10
1700	Naphthalene	91203	µg l-¹	N	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l-¹	N	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l-¹	N	<0.01	<0.01	<0.01
	Fluorene	86737	µg l-¹	N	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l-¹	N	<0.01	<0.01	<0.01
	Anthracene	120127	µg l-¹	N	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l-¹	N	<0.01	<0.01	<0.01
	Pyrene	129000	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l-¹	N	<0.01	<0.01	<0.01
	Chrysene	218019	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l-¹	N	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l-¹	N	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l-¹	N	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l-¹	N	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l-¹	U	<0.1	<0.1	<0.1
	Toluene	108883	µg l-¹	U	<1	<1	<1

All tests undertaken between 19-Jan-2009 and 22-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
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FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 16 January 2009

F15285 Durham Rd, Newport

Chemtest

Report Date
26 January 2009

					102378		
					AD75687	AD75688	AD75689
					BH604A	BH606A	BH607
					WATER	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	U	<1	<1	<1
	m- & p-Xylene	1330207	µg l-¹	U	<1	<1	<1
	o-Xylene	95476	µg l-¹	U	<1	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 19-Jan-2009 and 22-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 16 January 2009

F15285 Durham Rd, Newport

Chemtest

Report Date
26 January 2009

					102378		
					AD75687	AD75688	AD75689
					BH604A	BH606A	BH607
					WATER	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 19-Jan-2009 and 22-Jan-2009

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Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
26 January 2009

Dear Christian Wilkinson

Test Report Number **102379**
Your Project Reference **F15285 Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 16 January 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☐ Darrell Hall	Laboratory Manager
☑ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
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UKAS TESTING
2183

Notes to accompany report:

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Parkside Lane
Dewsbury Road
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FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 16 January 2009

F15285 Durham Rd, Newport

Chemtest

Report Date
26 January 2009

Login Batch No					**102379**		
Chemtest LIMS ID					AD75697	AD75698	AD75699
Sample ID					BH608	SM01	SM02
Sample No							
Depth							
Matrix					*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
1010	pH	PH	-	U	6.9	7.6	7.5
1450	Arsenic	7440382	µg l-¹	U	<1	1.7	1.9
	Cadmium	7440439	µg l-¹	U	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l-¹	U	3.2	2.4	2.4
	Mercury	7439976	µg l-¹	U	<0.5	<0.5	<0.5
	Nickel	7440020	µg l-¹	U	7.6	2.9	3.4
	Lead	7439921	µg l-¹	U	<1	<1	1.5
	Selenium	7782492	µg l-¹	U	<1	2.0	1.9
1673	TPH >C6-C10		µg l-¹	U	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l-¹	U	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l-¹	U	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l-¹	U	<10	<10	<10
1700	Naphthalene	91203	µg l-¹	N	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l-¹	N	<0.01	<0.01	<0.01
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	Pyrene	129000	µg l-¹	N	<0.01	<0.01	<0.01
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	Benzo[a]pyrene	50328	µg l-¹	N	<0.01	<0.01	<0.01
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	Benzo[g,h,i]perylene	191242	µg l-¹	N	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l-¹	N	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l-¹	U	0.50	0.13	<0.1
	Toluene	108883	µg l-¹	U	<1	<1	<1

All tests undertaken between 19-Jan-2009 and 22-Jan-2009

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LABORATORY TEST REPORT

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Report Date
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					102379		
					AD75697	AD75698	AD75699
					BH608	SM01	SM02
					WATER	*WATER*	*WATER*
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	m- & p-Xylene	1330207	µg l-¹	U	<1	<1	<1
	o-Xylene	95476	µg l-¹	U	<1	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 19-Jan-2009 and 22-Jan-2009

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Norwest Holst
Parkside Lane
Dewsbury Road
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LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 16 January 2009

F15285 Durham Rd, Newport

Report Date
26 January 2009

					102379		
					AD75697	AD75698	AD75699
					BH608	SM01	SM02
					WATER	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 19-Jan-2009 and 22-Jan-2009

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Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
02 February 2009

Dear Christian Wilkinson

Test Report Number **102435**
Your Project Reference **F15285 - Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 23 January 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☐ Darrell Hall	Laboratory Manager
☑ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
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UKAS TESTING
2183

Notes to accompany report:

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LABORATORY TEST REPORT

Results of analysis of 3 samples
received 23 January 2009

F15285 - Durham Rd, Newport

Report Date
02 February 2009

Login Batch No					**102435**		
Chemtest LIMS ID					AD77031	AD77032	AD77033
Sample ID					BH604A	BH606A	BH608
Sample No							
Depth							
Matrix					*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
1010	pH	PH	-	U	7.5	7.2	6.8
1450	Arsenic	7440382	µg l⁻¹	U	5.7	12	2.2
	Cadmium	7440439	µg l⁻¹	U	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l⁻¹	U	40	20	19
	Mercury	7439976	µg l⁻¹	U	<0.5	<0.5	<0.5
	Nickel	7440020	µg l⁻¹	U	1.5	<1	9.4
	Lead	7439921	µg l⁻¹	U	<1	<1	4.8
	Selenium	7782492	µg l⁻¹	U	5.8	2.3	2.6
1673	TPH >C6-C10		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l⁻¹	U	<10	<10	<10
1700	Naphthalene	91203	µg l⁻¹	N	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l⁻¹	N	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l⁻¹	N	<0.01	<0.01	<0.01
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	Anthracene	120127	µg l⁻¹	N	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l⁻¹	N	<0.01	<0.01	<0.01
	Pyrene	129000	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l⁻¹	N	<0.01	<0.01	<0.01
	Chrysene	218019	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l⁻¹	N	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l⁻¹	N	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l⁻¹	N	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l⁻¹	N	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l⁻¹	U	<0.1	<0.1	<0.1
	Toluene	108883	µg l⁻¹	U	<1	<1	<1

All tests undertaken between 26-Jan-2009 and 29-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 23 January 2009

F15285 - Durham Rd, Newport

Report Date
02 February 2009

					102435		
					AD77031	AD77032	AD77033
					BH604A	BH606A	BH608
					WATER	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	U	<1	<1	<1
	m- & p-Xylene	1330207	µg l-¹	U	<1	<1	<1
	o-Xylene	95476	µg l-¹	U	<1	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 26-Jan-2009 and 29-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 23 January 2009

F15285 - Durham Rd, Newport

Chemtest

Report Date
02 February 2009

					102435		
					AD77031	AD77032	AD77033
					BH604A	BH606A	BH608
					WATER	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 26-Jan-2009 and 29-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson
02 February 2009

Dear Christiaan Wilkinson

Test Report Number **102436**
Your Project Reference **F15285 - Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 23 January 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall	Laboratory Manager
☑ Phil Hellier	Operations Director
□ Keith Jones	Technical Development Manager
□ John Crawford	Quality Manager
□ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Test Report 102436 Cover Sheet

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 23 January 2009

F15285 - Durham Rd, Newport

Report Date
02 February 2009

Login Batch No					**102436**		
Chemtest LIMS ID					AD77034	AD77035	AD77036
Sample ID					BH601	BH602	BH604
Sample No							
Depth							
Matrix					*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
1010	pH	PH	-	U	7.1	6.9	7.1
1450	Arsenic	7440382	µg l-¹	U	2.5	3.7	<1
	Cadmium	7440439	µg l-¹	U	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l-¹	U	16	21	1.7
	Mercury	7439976	µg l-¹	U	<0.5	<0.5	<0.5
	Nickel	7440020	µg l-¹	U	12	7.8	7.8
	Lead	7439921	µg l-¹	U	9.8	2.1	1.5
	Selenium	7782492	µg l-¹	U	6.0	3.2	4.5
1673	TPH >C6-C10		µg l-¹	U	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l-¹	U	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l-¹	U	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l-¹	U	<10	<10	<10
1700	Naphthalene	91203	µg l-¹	N	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l-¹	N	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l-¹	N	<0.01	<0.01	<0.01
	Fluorene	86737	µg l-¹	N	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l-¹	N	<0.01	<0.01	<0.01
	Anthracene	120127	µg l-¹	N	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l-¹	N	<0.01	<0.01	<0.01
	Pyrene	129000	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l-¹	N	<0.01	<0.01	<0.01
	Chrysene	218019	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l-¹	N	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l-¹	N	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l-¹	N	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l-¹	N	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l-¹	U	<0.1	<0.1	<0.1
	Toluene	108883	µg l-¹	U	<1	<1	<1

All tests undertaken between 26-Jan-2009 and 28-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 23 January 2009

F15285 - Durham Rd, Newport

Chemtest

Report Date
02 February 2009

					102436		
					AD77034	AD77035	AD77036
					BH601	BH602	BH604
					WATER	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	U	<1	<1	<1
	m- & p-Xylene	1330207	µg l-¹	U	<1	<1	<1
	o-Xylene	95476	µg l-¹	U	<1	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 26-Jan-2009 and 28-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 23 January 2009

F15285 - Durham Rd, Newport

Chemtest

Report Date
02 February 2009

					102436		
					AD77034	AD77035	AD77036
					BH601	BH602	BH604
					WATER	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 26-Jan-2009 and 28-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson
09 February 2009

Dear Christiaan Wilkinson

Test Report Number **75349**
Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 30 January 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall	Laboratory Manager
□ Phil Hellier	Operations Director
□ Keith Jones	Technical Development Manager
□ John Crawford	Quality Manager
□ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 30 January 2009

Durham Rd, Newport

Chemtest

Report Date
09 February 2009

Login Batch No					**75349**			
Chemtest LIMS ID					AD78649	AD78650	AD78651	AD78652
Sample ID					BH601	BH602	BH603	BH604
Sample No								
Depth								
Matrix					*WATER*	*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*				
1010	pH	PH	-	U	7.0	7.0	7.0	7.0
1450	Arsenic	7440382	µg l⁻¹	U	2.0	2.7	6.1	1.4
	Cadmium	7440439	µg l⁻¹	U	<0.5	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l⁻¹	U	4.3	3.5	6.1	4.3
	Mercury	7439976	µg l⁻¹	U	<0.5	<0.5	<0.5	<0.5
	Nickel	7440020	µg l⁻¹	U	13	12	5.8	12
	Lead	7439921	µg l⁻¹	U	6.8	2.5	25	8.2
	Selenium	7782492	µg l⁻¹	U	5.6	3.2	2.6	5.8
1673	TPH >C6-C10		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l⁻¹	U	<10	<10	<10	<10
1700	Naphthalene	91203	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Fluorene	86737	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Anthracene	120127	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Pyrene	129000	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
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	Dibenzo[a,h]anthracene	53703	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l⁻¹	N	<0.2	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l⁻¹	N	<0.1	<0.1	<0.1	<0.1
	Toluene	108883	µg l⁻¹	N	<0.1	<0.1	<0.1	<0.1

All tests undertaken between 02-Feb-2009 and 5-Feb-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 30 January 2009

Durham Rd, Newport

Chemtest

Report Date
09 February 2009

					75349			
					AD78649	AD78650	AD78651	AD78652
					BH601	BH602	BH603	BH604
					WATER	*WATER*	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l⁻¹	N	<0.1	<0.1	<0.1	<0.1
	m- & p-Xylene	1330207	µg l⁻¹	N	<0.1	<0.1	<0.1	<0.1
	o-Xylene	95476	µg l⁻¹	N	<0.1	<0.1	<0.1	<0.1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 02-Feb-2009 and 5-Feb-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 30 January 2009

Durham Rd, Newport

Chemtest

Report Date
09 February 2009

					75349			
					AD78649	AD78650	AD78651	AD78652
					BH601	BH602	BH603	BH604
					WATER	*WATER*	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 02-Feb-2009 and 5-Feb-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson
09 February 2009

Dear C Wilkinson

Test Report Number **75350**
Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 30 January 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☐ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Newmarket • Tamworth • Glasgow
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Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 30 January 2009

Durham Rd, Newport

Chemtest

Report Date
09 February 2009

Login Batch No					**75350**			
Chemtest LIMS ID					AD78657	AD78658	AD78659	AD78660
Sample ID					BH604A	BH606A	BH607	BH608
Sample No								
Depth								
Matrix					*WATER*	*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*				
1010	pH	PH	-	U	7.4	7.1	7.0	6.7
1450	Arsenic	7440382	µg l-¹	U	5.4	12	3.9	<1
	Cadmium	7440439	µg l-¹	U	<0.5	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l-¹	U	11	7.6	5.1	2.3
	Mercury	7439976	µg l-¹	U	<0.5	<0.5	<0.5	<0.5
	Nickel	7440020	µg l-¹	U	2.8	2.1	5.3	7.9
	Lead	7439921	µg l-¹	U	<1	1.8	4.3	<1
	Selenium	7782492	µg l-¹	U	5.3	2.9	5.5	1.1
1673	TPH >C6-C10		µg l-¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l-¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l-¹	U	<0.1	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l-¹	U	<10	<10	<10	<10
1700	Naphthalene	91203	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Fluorene	86737	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Anthracene	120127	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Pyrene	129000	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Chrysene	218019	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l-¹	N	<0.2	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l-¹	N	<0.1	<0.1	<0.1	<0.1
	Toluene	108883	µg l-¹	N	<0.1	<0.1	<0.1	<0.1

All tests undertaken between 02-Feb-2009 and 5-Feb-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 30 January 2009

Durham Rd, Newport

Chemtest

Report Date
09 February 2009

					75350			
					AD78657	AD78658	AD78659	AD78660
					BH604A	BH606A	BH607	BH608
					WATER	*WATER*	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	N	<0.1	<0.1	<0.1	<0.1
	m- & p-Xylene	1330207	µg l-¹	N	<0.1	<0.1	<0.1	<0.1
	o-Xylene	95476	µg l-¹	N	<0.1	<0.1	<0.1	<0.1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 02-Feb-2009 and 5-Feb-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 30 January 2009

Durham Rd, Newport

Chemtest

Report Date
09 February 2009

					75350			
					AD78657	AD78658	AD78659	AD78660
					BH604A	BH606A	BH607	BH608
					WATER	*WATER*	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 02-Feb-2009 and 5-Feb-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Duncan Healey
16 February 2009

Dear Duncan Healey

Test Report Number **93403**
Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 6 February 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☐ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☒ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

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Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Duncan Healey

LABORATORY TEST REPORT

Results of analysis of 6 samples
received 06 February 2009

Durham Rd, Newport

Chemtest

Report Date
16 February 2009

Login Batch No					**93403**						
Chemtest LIMS ID					AD79911	AD79912	AD79913	AD79914	AD79915	AD79916
Sample ID					BH602	BH603	BH608	BH606A	BH604A	BH604
Sample No										
Depth					1.95m	1.32m	1.47m	4.4m	6.85m	2.45m
Matrix					*WATER*	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*						
1010	pH	PH	-	U	7.0	9.7	6.8	7.0	7.3	6.9
1450	Arsenic	7440382	µg l-1	U	2.0	13	2.1	10	6.0	2.1
	Cadmium	7440439	µg l-1	U	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l-1	U	6.4	12	9.3	9.2	16	12
	Mercury	7439976	µg l-1	U	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Nickel	7440020	µg l-1	U	11	4.5	10	3.6	3.5	13
	Lead	7439921	µg l-1	U	3.4	<1	1.2	<1	<1	6.9
	Selenium	7782492	µg l-1	U	3.1	3.6	2.9	2.9	6.6	3.4
1673	TPH >C6-C10		µg l-1	U	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l-1	U	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l-1	U	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l-1	U	<10	<10	<10	<10	<10	<10
1700	Naphthalene	91203	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Fluorene	86737	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Anthracene	120127	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Pyrene	129000	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Chrysene	218019	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l-1	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l-1	N	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l-1	N	<0.1	0.3	<0.1	<0.1	<0.1	<0.1
	Toluene	108883	µg l-1	N	0.2	0.6	0.2	0.2	0.2	0.2

All tests undertaken between 09-Feb-2009 and 16-Feb-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Duncan Healey

LABORATORY TEST REPORT

Results of analysis of 6 samples
received 06 February 2009

Durham Rd, Newport

Chemtest

Report Date
16 February 2009

					93403					
					AD79911	AD79912	AD79913	AD79914	AD79915	AD79916
					BH602	BH603	BH608	BH606A	BH604A	BH604
					1.95m	1.32m	1.47m	4.4m	6.85m	2.45m
					WATER	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	N	<0.1	0.2	0.1	<0.1	<0.1	<0.1
	m- & p-Xylene	1330207	µg l-¹	N	0.1	0.6	0.2	0.3	0.2	0.2
	o-Xylene	95476	µg l-¹	N	0.2	0.3	0.2	0.2	0.2	0.2
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 09-Feb-2009 and 16-Feb-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Duncan Healey

LABORATORY TEST REPORT

Results of analysis of 6 samples
received 06 February 2009

Durham Rd, Newport

Chemtest

Report Date
16 February 2009

					93403					
					AD79911	AD79912	AD79913	AD79914	AD79915	AD79916
					BH602	BH603	BH608	BH606A	BH604A	BH604
					1.95m	1.32m	1.47m	4.4m	6.85m	2.45m
					WATER	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 09-Feb-2009 and 16-Feb-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson
24 March 2009

Dear Christiaan Wilkinson

Test Report Number **56887**
Your Project Reference **F15285 Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 16 March 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall	Laboratory Manager
□ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Manager
□ John Crawford	Quality Manager
□ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 16 March 2009

F15285 Durham Rd, Newport

Chemtest

Report Date
24 March 2009

Login Batch No					**56887**			
Chemtest LIMS ID					AD89249	AD89250	AD89251	AD89252
Sample ID					BH 601	BH 602	BH 604	BH 604A
Sample No								
Depth								
Matrix					*WATER*	*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*				
1010	pH	PH	-	U	6.9	6.7	7.0	7.3
1450	Arsenic	7440382	µg l⁻¹	U	2.3	4.8	1.2	5.0
	Cadmium	7440439	µg l⁻¹	U	<0.5	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l⁻¹	U	3.5	7.7	3.1	6.9
	Mercury	7439976	µg l⁻¹	U	<0.5	<0.5	<0.5	<0.5
	Nickel	7440020	µg l⁻¹	U	14	16	9.8	1.8
	Lead	7439921	µg l⁻¹	U	6.0	1.1	3.7	<1
	Selenium	7782492	µg l⁻¹	U	2.2	13	1.2	4.1
1673	TPH >C6-C10		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l⁻¹	U	<10	<10	<10	<10
1700	Naphthalene	91203	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Fluorene	86737	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Anthracene	120127	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Pyrene	129000	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Chrysene	218019	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l⁻¹	N	<0.2	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l⁻¹	N	0.9	0.8	0.8	0.6

All tests undertaken between 17-Mar-2009 and 24-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 16 March 2009

F15285 Durham Rd, Newport

Report Date
24 March 2009

					56887			
					AD89249	AD89250	AD89251	AD89252
					BH 601	BH 602	BH 604	BH 604A
					WATER	*WATER*	*WATER*	*WATER*
1760	Toluene	108883	µg l-¹	N	0.5	0.6	<0.1	<0.1
	Ethyl benzene	100414	µg l-¹	N	<0.1	<0.1	0.1	<0.1
	m- & p-Xylene	1330207	µg l-¹	N	<0.1	<0.1	<.1	0.1
	o-Xylene	95476	µg l-¹	N	<0.1	<0.1	0.2	0.1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 17-Mar-2009 and 24-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 16 March 2009

F15285 Durham Rd, Newport

Report Date
24 March 2009

					56887			
					AD89249	AD89250	AD89251	AD89252
					BH 601	BH 602	BH 604	BH 604A
					WATER	*WATER*	*WATER*	*WATER*
1900	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 17-Mar-2009 and 24-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson
24 March 2009

Dear Christiaan Wilkinson

Test Report Number **56889**
Your Project Reference **F15285 - Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 16 March 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

KETJones

Authorised Signatory

□ Darrell Hall	Laboratory Manager
□ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Manager
□ John Crawford	Quality Manager
□ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Newmarket • Tamworth • Glasgow
Registered in England & Wales - Registration Number 6511736 - Registered Office: 11 Depot Road Newmarket Suffolk CB8 0AL

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 16 March 2009

F15285 - Durham Rd, Newport

Chemtest

Report Date
24 March 2009

Login Batch No					**56889**			
Chemtest LIMS ID					AD89366	AD89367	AD89368	AD89369
Sample ID					BH 604A	BH 606A	BH 607	BH 608
Sample No								
Depth								
Matrix					*WATER*	*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*				
1010	pH	PH	-	U	7.4	7.1	6.9	6.9
1450	Arsenic	7440382	µg l⁻¹	U	6.1	10	3.1	<1
	Cadmium	7440439	µg l⁻¹	U	<0.5	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l⁻¹	U	14	15	5.5	5.9
	Mercury	7439976	µg l⁻¹	U	<0.5	<0.5	<0.5	<0.5
	Nickel	7440020	µg l⁻¹	U	3.2	3.0	6.6	8.2
	Lead	7439921	µg l⁻¹	U	<1	<1	<1	<1
	Selenium	7782492	µg l⁻¹	U	12	5.0	2.8	1.4
1673	TPH >C6-C10		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l⁻¹	U	<10	<10	<10	<10
1700	Naphthalene	91203	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Fluorene	86737	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Anthracene	120127	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Pyrene	129000	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Chrysene	218019	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l⁻¹	N	<0.2	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l⁻¹	N	0.3	1.3	1.4	0.5

All tests undertaken between 18-Mar-2009 and 24-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 16 March 2009

F15285 - Durham Rd, Newport

Report Date
24 March 2009

					56889			
					AD89366	AD89367	AD89368	AD89369
					BH 604A	BH 606A	BH 607	BH 608
					WATER	*WATER*	*WATER*	*WATER*
1760	Toluene	108883	µg l-¹	N	0.4	0.6	0.7	<0.1
	Ethyl benzene	100414	µg l-¹	N	<0.1	<1	<0.1	<0.1
	m- & p-Xylene	1330207	µg l-¹	N	<0.1	0.2	0.2	<0.1
	o-Xylene	95476	µg l-¹	N	<0.1	0.2	0.1	<0.1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 18-Mar-2009 and 24-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 16 March 2009

F15285 - Durham Rd, Newport

Report Date
24 March 2009

					56889			
					AD89366	AD89367	AD89368	AD89369
					BH 604A	BH 606A	BH 607	BH 608
					WATER	*WATER*	*WATER*	*WATER*
1900	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 18-Mar-2009 and 24-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson
09 March 2009

Dear Christiaan Wilkinson

Test Report Number **56721**
Your Project Reference **Durham Rd, Newport - F15285**

Please find enclosed the results of analysis for the samples received 27 February 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☐ Darrell Hall	Laboratory Manager
☑ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Newmarket • Tamworth • Glasgow
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Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 27 February 2009

Durham Rd, Newport - F15285

Chemtest

Report Date
09 March 2009

Login Batch No					**56721**			
	Chemtest LIMS ID				AD84885	AD84886	AD84887	AD84888
	Sample ID				BH601	BH602	BH603	BH604
	Sample No							
	Depth							
	Matrix				*WATER*	*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*				
1010	pH	PH	-	U	7.2	7.0	7.4	7.2
1450	Arsenic	7440382	µg l-¹	U	2.7	3.1	8.2	<1
	Cadmium	7440439	µg l-¹	U	<0.5	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l-¹	U	7.9	8.4	8.0	7.1
	Mercury	7439976	µg l-¹	U	<0.5	<0.5	<0.5	<0.5
	Nickel	7440020	µg l-¹	U	15	12	11	10
	Lead	7439921	µg l-¹	U	14	1.5	63	4.7
	Selenium	7782492	µg l-¹	U	4.0	4.2	1.9	1.6
1673	TPH >C6-C10		µg l-¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l-¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l-¹	U	<0.1	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l-¹	U	<10	<10	<10	<10
1700	Naphthalene	91203	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Fluorene	86737	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Anthracene	120127	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Pyrene	129000	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Chrysene	218019	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l-¹	N	<0.2	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l-¹	N	<0.1	<0.1	<0.1	<0.1
	Toluene	108883	µg l-¹	N	<0.1	<0.1	<0.1	<0.1

All tests undertaken between 02-Mar-2009 and 6-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 27 February 2009

Durham Rd, Newport - F15285

Chemtest

Report Date
09 March 2009

					56721			
					AD84885	AD84886	AD84887	AD84888
					BH601	BH602	BH603	BH604
					WATER	*WATER*	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-1	N	<0.1	<0.1	<0.1	<0.1
	m- & p-Xylene	1330207	µg l-1	N	<0.1	<0.1	<0.1	<0.1
	o-Xylene	95476	µg l-1	N	<0.1	<0.1	<0.1	<0.1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-1	N	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-1	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-1	N	<0.01	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-1	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-1	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-1	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-1	N	<0.01	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-1	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-1	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-1	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-1	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-1	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-1	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-1	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-1	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-1	N	<0.0002	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-1	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-1	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-1	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-1	N	<0.0002	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-1	N	<0.0002	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-1	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-1	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-1	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-1	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-1	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-1	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-1	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 02-Mar-2009 and 6-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 27 February 2009

Durham Rd, Newport - F15285

Chemtest

Report Date
09 March 2009

					56721			
					AD84885	AD84886	AD84887	AD84888
					BH601	BH602	BH603	BH604
					WATER	*WATER*	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 02-Mar-2009 and 6-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson
09 March 2009

Dear Christiaan Wilkinson

Test Report Number **56722**
Your Project Reference **Durham Rd, Newport - F15285**

Please find enclosed the results of analysis for the samples received 27 February 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall	Laboratory Manager
□ Phil Hellier	Operations Director
□ Keith Jones	Technical Development Manager
□ John Crawford	Quality Manager
□ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 27 February 2009

Durham Rd, Newport - F15285

Chemtest

Report Date
09 March 2009

Login Batch No					**56722**			
	Chemtest LIMS ID				AD84928	AD84929	AD84930	AD84931
	Sample ID				BH604	BH604A	BH606A	BH607
	Sample No							
	Depth							
	Matrix				*WATER*	*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*				
1010	pH	PH	-	U	7.4	7.1	7.0	6.9
1450	Arsenic	7440382	µg l-¹	U	1.3	5.7	13	4.5
	Cadmium	7440439	µg l-¹	U	<0.5	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l-¹	U	10	20	16	10
	Mercury	7439976	µg l-¹	U	<0.5	<0.5	<0.5	<0.5
	Nickel	7440020	µg l-¹	U	13	5.7	7.1	7.1
	Lead	7439921	µg l-¹	U	9.1	4.3	4.6	3.5
	Selenium	7782492	µg l-¹	U	1.8	5.7	3.3	3.2
1673	TPH >C6-C10		µg l-¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l-¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l-¹	U	<0.1	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l-¹	U	<10	<10	<10	<10
1700	Naphthalene	91203	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Fluorene	86737	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Anthracene	120127	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Pyrene	129000	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Chrysene	218019	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l-¹	N	<0.2	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l-¹	N	<0.1	<0.1	<0.1	<0.1
	Toluene	108883	µg l-¹	N	<0.1	<0.1	<0.1	<0.1

All tests undertaken between 02-Mar-2009 and 6-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 27 February 2009

Durham Rd, Newport - F15285

Chemtest

Report Date
09 March 2009

					56722			
					AD84928	AD84929	AD84930	AD84931
					BH604	BH604A	BH606A	BH607
					WATER	*WATER*	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	N	<0.1	<0.1	<0.1	<0.1
	m- & p-Xylene	1330207	µg l-¹	N	<0.1	<0.1	<0.1	<0.1
	o-Xylene	95476	µg l-¹	N	<0.1	<0.1	<0.1	<0.1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 02-Mar-2009 and 6-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 27 February 2009

Durham Rd, Newport - F15285

Report Date
09 March 2009

					56722			
					AD84928	AD84929	AD84930	AD84931
					BH604	BH604A	BH606A	BH607
					WATER	*WATER*	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 02-Mar-2009 and 6-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson
09 March 2009

Dear Christiaan Wilkinson

Test Report Number **56723**
Your Project Reference **Durham Rd, Newport - F15285**

Please find enclosed the results of analysis for the samples received 27 February 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☑ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

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Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 1 sample
received 27 February 2009

Durham Rd, Newport - F15285

Chemtest

Report Date
09 March 2009

Login Batch No					**56723**
Chemtest LIMS ID					AD84932
Sample ID					BH608
Sample No					
Depth					
Matrix					*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*	
1010	pH	PH	-	U	6.9
1450	Arsenic	7440382	µg l-¹	U	<1
	Cadmium	7440439	µg l-¹	U	<0.5
	Chromium (total)	7440473	µg l-¹	U	8.4
	Mercury	7439976	µg l-¹	U	<0.5
	Nickel	7440020	µg l-¹	U	7.9
	Lead	7439921	µg l-¹	U	<1
	Selenium	7782492	µg l-¹	U	<1
1673	TPH >C6-C10		µg l-¹	U	<0.1
	TPH >C10-C21		µg l-¹	U	<0.1
	TPH >C21-C40		µg l-¹	U	<0.1
	TPH (Aqueous Phase)		µg l-¹	U	<10
1700	Naphthalene	91203	µg l-¹	N	<0.01
	Acenaphthylene	208968	µg l-¹	N	<0.01
	Acenaphthene	83329	µg l-¹	N	<0.01
	Fluorene	86737	µg l-¹	N	<0.01
	Phenanthrene	85018	µg l-¹	N	<0.01
	Anthracene	120127	µg l-¹	N	<0.01
	Fluoranthene	206440	µg l-¹	N	<0.01
	Pyrene	129000	µg l-¹	N	<0.01
	Benzo[a]anthracene	56553	µg l-¹	N	<0.01
	Chrysene	218019	µg l-¹	N	<0.01
	Benzo[b]fluoranthene	205992	µg l-¹	N	<0.01
	Benzo[k]fluoranthene	207089	µg l-¹	N	<0.01
	Benzo[a]pyrene	50328	µg l-¹	N	<0.01
	Dibenzo[a,h]anthracene	53703	µg l-¹	N	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l-¹	N	<0.01
	Benzo[g,h,i]perylene	191242	µg l-¹	N	<0.01
	Total (of 16) PAHs		µg l-¹	N	<0.2
1760	Benzene	71432	µg l-¹	N	<0.1
	Toluene	108883	µg l-¹	N	<0.1

All tests undertaken between 02-Mar-2009 and 9-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 1 sample
received 27 February 2009

Durham Rd, Newport - F15285

Chemtest

Report Date
09 March 2009

					56723
					AD84932
					BH608
					WATER
1760	Ethyl benzene	100414	µg l-¹	N	<0.1
	m- & p-Xylene	1330207	µg l-¹	N	<0.1
	o-Xylene	95476	µg l-¹	N	<0.1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002

All tests undertaken between 02-Mar-2009 and 9-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

LABORATORY TEST REPORT

Results of analysis of 1 sample
received 27 February 2009

Durham Rd, Newport - F15285

Report Date
09 March 2009

FAO Christiaan Wilkinson

					56723
					AD84932
					BH608
					WATER
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002

All tests undertaken between 02-Mar-2009 and 9-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson
16 March 2009

Dear Christiaan Wilkinson

Test Report Number **56800**
Your Project Reference **F15285 - Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 6 March 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☑ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
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- *The results relate only to the items tested*

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FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 06 March 2009

F15285 - Durham Rd, Newport

Chemtest

Report Date
16 March 2009

Login Batch No					**56800**		
	Chemtest LIMS ID				AD86959	AD86960	AD86961
	Sample ID				BH604	BH604A	BH606A
	Sample No						
	Depth						
	Matrix				*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
1010	pH	PH	-	U	7.2	7.5	7.2
1450	Arsenic	7440382	µg l-1	U	1.3	4.9	15
	Cadmium	7440439	µg l-1	U	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l-1	U	38	12	7.7
	Mercury	7439976	µg l-1	U	<0.5	<0.5	<0.5
	Nickel	7440020	µg l-1	U	13	2.9	3.2
	Lead	7439921	µg l-1	U	6.2	<1	<1
	Selenium	7782492	µg l-1	U	1.6	4.9	2.9
1673	TPH >C6-C10		µg l-1	U	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l-1	U	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l-1	U	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l-1	U	<10	<10	<10
1700	Naphthalene	91203	µg l-1	N	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l-1	N	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l-1	N	<0.01	<0.01	<0.01
	Fluorene	86737	µg l-1	N	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l-1	N	<0.01	<0.01	<0.01
	Anthracene	120127	µg l-1	N	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l-1	N	<0.01	<0.01	<0.01
	Pyrene	129000	µg l-1	N	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l-1	N	<0.01	<0.01	<0.01
	Chrysene	218019	µg l-1	N	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l-1	N	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l-1	N	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l-1	N	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l-1	N	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l-1	N	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l-1	N	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l-1	N	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l-1	N	<0.1	<0.1	<0.1
	Toluene	108883	µg l-1	N	<0.1	<0.1	<0.1

All tests undertaken between 10-Mar-2009 and 16-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 06 March 2009

F15285 - Durham Rd, Newport

Chemtest

Report Date
16 March 2009

					56800		
					AD86959	AD86960	AD86961
					BH604	BH604A	BH606A
					WATER	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	N	<0.1	<0.1	<0.1
	m- & p-Xylene	1330207	µg l-¹	N	<0.1	<0.1	<0.1
	o-Xylene	95476	µg l-¹	N	<0.1	<0.1	<0.1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 10-Mar-2009 and 16-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 06 March 2009

F15285 - Durham Rd, Newport

Report Date
16 March 2009

					56800		
					AD86959	AD86960	AD86961
					BH604	BH604A	BH606A
					WATER	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 10-Mar-2009 and 16-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson
16 March 2009

Dear Christiaan Wilkinson

Test Report Number **56801**
Your Project Reference **F15285 - Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 6 March 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☑ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples received 06 March 2009

F15285 - Durham Rd, Newport

Report Date
16 March 2009

Login Batch No					56801		
Chemtest LIMS ID					AD86962	AD86963	AD86964
Sample ID					BH601	BH602	BH603
Sample No							
Depth							
Matrix					*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
1010	pH	PH	-	U	7.2	7.7	7.1
1450	Arsenic	7440382	µg l⁻¹	U	2.6	2.1	6.3
	Cadmium	7440439	µg l⁻¹	U	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l⁻¹	U	4.3	3.5	5.8
	Mercury	7439976	µg l⁻¹	U	<0.5	<0.5	<0.5
	Nickel	7440020	µg l⁻¹	U	19	12	8.8
	Lead	7439921	µg l⁻¹	U	13	1.2	21
	Selenium	7782492	µg l⁻¹	U	2.2	2.4	2.4
1673	TPH >C6-C10		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l⁻¹	U	<10	<10	<10
1700	Naphthalene	91203	µg l⁻¹	N	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l⁻¹	N	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l⁻¹	N	<0.01	<0.01	<0.01
	Fluorene	86737	µg l⁻¹	N	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l⁻¹	N	<0.01	<0.01	<0.01
	Anthracene	120127	µg l⁻¹	N	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l⁻¹	N	<0.01	<0.01	<0.01
	Pyrene	129000	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l⁻¹	N	<0.01	<0.01	<0.01
	Chrysene	218019	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l⁻¹	N	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l⁻¹	N	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l⁻¹	N	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l⁻¹	N	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l⁻¹	N	<0.1	<0.1	<0.1
	Toluene	108883	µg l⁻¹	N	<0.1	<0.1	<0.1

All tests undertaken between 06-Mar-2009 and 16-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples received 06 March 2009

F15285 - Durham Rd, Newport

Report Date 16 March 2009

					56801		
					AD86962	AD86963	AD86964
					BH601	BH602	BH603
					WATER	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	N	<0.1	<0.1	<0.1
	m- & p-Xylene	1330207	µg l-¹	N	<0.1	<0.1	<0.1
	o-Xylene	95476	µg l-¹	N	<0.1	<0.1	<0.1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 06-Mar-2009 and 16-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 06 March 2009

F15285 - Durham Rd, Newport

Report Date
16 March 2009

					56801		
					AD86962	AD86963	AD86964
					BH601	BH602	BH603
					WATER	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 06-Mar-2009 and 16-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson
16 March 2009

Dear Christiaan Wilkinson

Test Report Number **56801**
Your Project Reference **F15285 - Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 6 March 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☑ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples received 06 March 2009

F15285 - Durham Rd, Newport

Report Date
16 March 2009

Login Batch No					56801		
Chemtest LIMS ID					AD86962	AD86963	AD86964
Sample ID					BH601	BH602	BH603
Sample No							
Depth							
Matrix					*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
1010	pH	PH	-	U	7.2	7.7	7.1
1450	Arsenic	7440382	µg l⁻¹	U	2.6	2.1	6.3
	Cadmium	7440439	µg l⁻¹	U	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l⁻¹	U	4.3	3.5	5.8
	Mercury	7439976	µg l⁻¹	U	<0.5	<0.5	<0.5
	Nickel	7440020	µg l⁻¹	U	19	12	8.8
	Lead	7439921	µg l⁻¹	U	13	1.2	21
	Selenium	7782492	µg l⁻¹	U	2.2	2.4	2.4
1673	TPH >C6-C10		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l⁻¹	U	<10	<10	<10
1700	Naphthalene	91203	µg l⁻¹	N	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l⁻¹	N	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l⁻¹	N	<0.01	<0.01	<0.01
	Fluorene	86737	µg l⁻¹	N	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l⁻¹	N	<0.01	<0.01	<0.01
	Anthracene	120127	µg l⁻¹	N	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l⁻¹	N	<0.01	<0.01	<0.01
	Pyrene	129000	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l⁻¹	N	<0.01	<0.01	<0.01
	Chrysene	218019	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l⁻¹	N	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l⁻¹	N	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l⁻¹	N	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l⁻¹	N	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l⁻¹	N	<0.1	<0.1	<0.1
	Toluene	108883	µg l⁻¹	N	<0.1	<0.1	<0.1

All tests undertaken between 06-Mar-2009 and 16-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples received 06 March 2009

F15285 - Durham Rd, Newport

Report Date 16 March 2009

					56801		
					AD86962	AD86963	AD86964
					BH601	BH602	BH603
					WATER	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	N	<0.1	<0.1	<0.1
	m- & p-Xylene	1330207	µg l-¹	N	<0.1	<0.1	<0.1
	o-Xylene	95476	µg l-¹	N	<0.1	<0.1	<0.1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 06-Mar-2009 and 16-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 06 March 2009

F15285 - Durham Rd, Newport

Report Date
16 March 2009

					56801		
					AD86962	AD86963	AD86964
					BH601	BH602	BH603
					WATER	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 06-Mar-2009 and 16-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson
16 March 2009

Dear Christiaan Wilkinson

Test Report Number **56802**
Your Project Reference **F15285 - Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 6 March 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☑ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 06 March 2009

F15285 - Durham Rd, Newport

Chemtest

Report Date
16 March 2009

Login Batch No					**56802**			
	Chemtest LIMS ID				AD86969	AD86970	AD86971	AD86972
	Sample ID				BH607	BH608	SM01	SM02
	Sample No							
	Depth							
	Matrix				*WATER*	*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*				
1010	pH	PH	-	U	7.1	6.9	7.4	7.4
1450	Arsenic	7440382	µg l-¹	U	2.9	<1	1.6	1.7
	Cadmium	7440439	µg l-¹	U	<0.5	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l-¹	U	3.5	2.9	3.1	2.9
	Mercury	7439976	µg l-¹	U	<0.5	<0.5	<0.5	<0.5
	Nickel	7440020	µg l-¹	U	5.5	5.6	3.5	3.6
	Lead	7439921	µg l-¹	U	1.4	<1	<1	<1
	Selenium	7782492	µg l-¹	U	2.5	<1	1.2	1.3
1673	TPH >C6-C10		µg l-¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l-¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l-¹	U	<0.1	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l-¹	U	<10	<10	<10	<10
1700	Naphthalene	91203	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Fluorene	86737	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Anthracene	120127	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Pyrene	129000	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Chrysene	218019	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l-¹	N	<0.2	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l-¹	N	<0.1	<0.1	<0.1	<0.1
	Toluene	108883	µg l-¹	N	<0.1	<0.1	<0.1	<0.1

All tests undertaken between 10-Mar-2009 and 16-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 06 March 2009

F15285 - Durham Rd, Newport

Chemtest

Report Date
16 March 2009

					56802			
					AD86969	AD86970	AD86971	AD86972
					BH607	BH608	SM01	SM02
					WATER	*WATER*	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	N	<0.1	<0.1	<0.1	<0.1
	m- & p-Xylene	1330207	µg l-¹	N	<0.1	<0.1	<0.1	<0.1
	o-Xylene	95476	µg l-¹	N	<0.1	<0.1	<0.1	<0.1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 10-Mar-2009 and 16-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 06 March 2009

F15285 - Durham Rd, Newport

Chemtest

Report Date
16 March 2009

					56802			
					AD86969	AD86970	AD86971	AD86972
					BH607	BH608	SM01	SM02
					WATER	*WATER*	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 10-Mar-2009 and 16-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson
24 March 2009

Dear Christiaan Wilkinson

Test Report Number **56887**
Your Project Reference **F15285 Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 16 March 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall	Laboratory Manager
□ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Manager
□ John Crawford	Quality Manager
□ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 16 March 2009

F15285 Durham Rd, Newport

Chemtest

Report Date
24 March 2009

Login Batch No					**56887**			
Chemtest LIMS ID					AD89249	AD89250	AD89251	AD89252
Sample ID					BH 601	BH 602	BH 604	BH 604A
Sample No								
Depth								
Matrix					*WATER*	*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*				
1010	pH	PH	-	U	6.9	6.7	7.0	7.3
1450	Arsenic	7440382	µg l⁻¹	U	2.3	4.8	1.2	5.0
	Cadmium	7440439	µg l⁻¹	U	<0.5	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l⁻¹	U	3.5	7.7	3.1	6.9
	Mercury	7439976	µg l⁻¹	U	<0.5	<0.5	<0.5	<0.5
	Nickel	7440020	µg l⁻¹	U	14	16	9.8	1.8
	Lead	7439921	µg l⁻¹	U	6.0	1.1	3.7	<1
	Selenium	7782492	µg l⁻¹	U	2.2	13	1.2	4.1
1673	TPH >C6-C10		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l⁻¹	U	<10	<10	<10	<10
1700	Naphthalene	91203	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Fluorene	86737	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Anthracene	120127	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Pyrene	129000	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Chrysene	218019	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l⁻¹	N	<0.2	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l⁻¹	N	0.9	0.8	0.8	0.6

All tests undertaken between 17-Mar-2009 and 24-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 16 March 2009

F15285 Durham Rd, Newport

Report Date
24 March 2009

					56887			
					AD89249	AD89250	AD89251	AD89252
					BH 601	BH 602	BH 604	BH 604A
					WATER	*WATER*	*WATER*	*WATER*
1760	Toluene	108883	µg l-¹	N	0.5	0.6	<0.1	<0.1
	Ethyl benzene	100414	µg l-¹	N	<0.1	<0.1	0.1	<0.1
	m- & p-Xylene	1330207	µg l-¹	N	<0.1	<0.1	<.1	0.1
	o-Xylene	95476	µg l-¹	N	<0.1	<0.1	0.2	0.1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 17-Mar-2009 and 24-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 16 March 2009

F15285 Durham Rd, Newport

Report Date
24 March 2009

					56887			
					AD89249	AD89250	AD89251	AD89252
					BH 601	BH 602	BH 604	BH 604A
					WATER	*WATER*	*WATER*	*WATER*
1900	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 17-Mar-2009 and 24-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson
24 March 2009

Dear Christiaan Wilkinson

Test Report Number **56889**
Your Project Reference **F15285 - Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 16 March 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

KETJones

Authorised Signatory

□ Darrell Hall	Laboratory Manager
□ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Manager
□ John Crawford	Quality Manager
□ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Newmarket • Tamworth • Glasgow
Registered in England & Wales - Registration Number 6511736 - Registered Office: 11 Depot Road Newmarket Suffolk CB8 0AL

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 16 March 2009

F15285 - Durham Rd, Newport

Chemtest

Report Date
24 March 2009

Login Batch No					**56889**			
Chemtest LIMS ID					AD89366	AD89367	AD89368	AD89369
Sample ID					BH 604A	BH 606A	BH 607	BH 608
Sample No								
Depth								
Matrix					*WATER*	*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*				
1010	pH	PH	-	U	7.4	7.1	6.9	6.9
1450	Arsenic	7440382	µg l⁻¹	U	6.1	10	3.1	<1
	Cadmium	7440439	µg l⁻¹	U	<0.5	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l⁻¹	U	14	15	5.5	5.9
	Mercury	7439976	µg l⁻¹	U	<0.5	<0.5	<0.5	<0.5
	Nickel	7440020	µg l⁻¹	U	3.2	3.0	6.6	8.2
	Lead	7439921	µg l⁻¹	U	<1	<1	<1	<1
	Selenium	7782492	µg l⁻¹	U	12	5.0	2.8	1.4
1673	TPH >C6-C10		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l⁻¹	U	<10	<10	<10	<10
1700	Naphthalene	91203	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Fluorene	86737	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Anthracene	120127	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Pyrene	129000	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Chrysene	218019	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l⁻¹	N	<0.2	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l⁻¹	N	0.3	1.3	1.4	0.5

All tests undertaken between 18-Mar-2009 and 24-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 16 March 2009

F15285 - Durham Rd, Newport

Report Date
24 March 2009

					56889			
					AD89366	AD89367	AD89368	AD89369
					BH 604A	BH 606A	BH 607	BH 608
					WATER	*WATER*	*WATER*	*WATER*
1760	Toluene	108883	µg l-¹	N	0.4	0.6	0.7	<0.1
	Ethyl benzene	100414	µg l-¹	N	<0.1	<1	<0.1	<0.1
	m- & p-Xylene	1330207	µg l-¹	N	<0.1	0.2	0.2	<0.1
	o-Xylene	95476	µg l-¹	N	<0.1	0.2	0.1	<0.1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 18-Mar-2009 and 24-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 16 March 2009

F15285 - Durham Rd, Newport

Report Date
24 March 2009

					56889			
					AD89366	AD89367	AD89368	AD89369
					BH 604A	BH 606A	BH 607	BH 608
					WATER	*WATER*	*WATER*	*WATER*
1900	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 18-Mar-2009 and 24-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Surface Water Results

ECoS REPORT NO.		081095	Durham Road, Newport								
DATE ISSUED		30/06/08	F15285								
HOLE NO/SAMPLE ID		SM1	SM2	SM3	BH604A	BH601	BH602	BH608	BH603	BH604	BH606A
SAMPLE DEPTH											
SAMPLE NO.											
SAMPLE TYPE											
DATE SAMPLED		23/06/08	23/06/08	23/06/08	23/06/08	23/06/08	23/06/08	23/06/08	23/06/08	23/06/08	23/06/08
RECEIPT DATE		24/06/08	24/06/08	24/06/08	24/06/08	24/06/08	24/06/08	24/06/08	24/06/08	24/06/08	24/06/08
OUR REF.		S0806956	S0806957	S0806958	S0806959	S0806960	S0806961	S0806962	S0806963	S0806964	S0806965
MATRIX		Other Water	Other Water	Other Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
pH	N/A	8	8.1	8.2	8.4	7.8	7.6	7.6	7.8	7.5	8
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	14.79	16.81	2.69	0.08	1.18	0.28	0.61	0.17	0.21	<0.08**
Naphthalene	ug/l	0.09	0.06	0.03	0.06	<0.06**	<0.02	0.15	0.02	<0.06**	<0.08**
Acenaphthylene	ug/l	0.06	0.07	<0.02	<0.02	<0.06**	<0.02	<0.02	<0.02	<0.06**	<0.08**
Acenaphthene	ug/l	0.33	0.3	0.11	<0.02	<0.06**	<0.02	0.31	<0.02	<0.06**	<0.08**
Fluorene	ug/l	0.27	0.22	0.09	<0.02	<0.06**	<0.02	0.07	<0.02	<0.06**	<0.08**
Phenanthrene	ug/l	1.09	1.28	0.26	0.02	0.09	0.02	0.03	0.02	0.06	<0.08**
Anthracene	ug/l	0.21	0.22	0.06	<0.02	<0.06**	<0.02	<0.02	<0.02	<0.06**	<0.08**
Fluoranthene	ug/l	2.09	2.44	0.43	<0.02	0.15	0.04	0.03	<0.02	0.06	<0.08**
Pyrene	ug/l	1.61	1.85	0.31	<0.02	0.15	0.03	0.02	<0.02	0.06	<0.08**
Benzo(a)anthracene	ug/l	0.94	1.19	0.16	<0.01	0.09	0.03	<0.01	0.02	<0.03**	<0.04**
Chrysene	ug/l	1.48	1.79	0.25	<0.01	0.12	0.03	<0.01	0.02	<0.03**	<0.04**
Benzo(b)+(j)fluoranthene	ug/l	2.12	2.37	0.31	<0.01	0.18	0.04	<0.01	0.02	<0.03**	<0.04**
Benzo(k)fluoranthene	ug/l	0.7	0.76	0.09	<0.01	0.09	<0.01	<0.01	<0.01	<0.03**	<0.04**
Benzo(a)pyrene	ug/l	1.18	1.39	0.2	<0.01	0.15	0.04	<0.01	0.02	<0.03**	<0.04**
Indeno(1,2,3-cd)pyrene	ug/l	1.03	1.27	0.14	<0.01	0.09	0.03	<0.01	0.02	<0.03**	<0.04**
Dibenz(a,h)anthracene	ug/l	0.48	0.44	0.08	<0.01	<0.03**	<0.01	<0.01	<0.01	<0.03**	<0.04**
Benzo(g,h,i)perylene	ug/l	1.12	1.18	0.18	<0.01	0.09	0.04	<0.01	0.04	<0.03**	<0.04**
Arsenic	ug/l	<2.0*	<2.0*	<2.0*	41.9	<2.0*	4.2	7.6	3.8	<2.0*	19.8
Cadmium	ug/l	<0.1*	0.19	<0.1*	0.19	0.19	0.26	<0.1*	0.18	0.33	0.37
Chromium	ug/l	<0.7*	<0.7*	<0.7*	15.24	<0.7*	1	1.81	1.17	<0.7*	19.58
Lead	ug/l	<2.0*	<2.0*	<2.0*	<2.0*	11.5	13.5	<2.0*	<2.0*	<2.0*	<2.0*
Mercury	ug/l	0.27	<0.2*	<0.2*	<0.2*	<0.2*	<0.2*	<0.2*	<0.2*	<0.2*	<0.2*
Nickel	ug/l	<5.0*	<5.0*	<5.0*	6.8	9.3	11.2	11.9	13.5	145.7	<5.0*
Selenium	ug/l	<5.0*	<5.0*	<5.0*	<5.0*	<5.0*	<5.0*	<5.0*	<5.0*	<5.0*	<5.0*
Benzene	ug/l	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	ug/l	<1	<1	<1	1	<1	<1	<1	<1	<1	<1
Ethylbenzene	ug/l	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
m+p-Xylene	ug/l	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
o-Xylene	ug/l	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TPH	mg/l	0.19	0.11	<0.05	<0.05	<0.15**	<0.05	<0.05	<0.05	<0.15**	<0.20**
TPH EC10-EC12	mg/l	<0.03**	<0.01	<0.01	<0.01	<0.03**	<0.01	<0.01	<0.01	<0.03**	<0.04**
TPH EC12-EC16	mg/l	<0.03**	<0.01	<0.01	<0.01	<0.03**	<0.01	<0.01	<0.01	<0.03**	<0.04**
TPH EC16-EC21	mg/l	0.03	0.01	<0.01	<0.01	<0.03**	<0.01	<0.01	<0.01	<0.03**	<0.04**
TPH EC21-EC35	mg/l	0.15	0.08	<0.05	<0.05	<0.15**	<0.05	<0.05	<0.05	<0.15**	<0.20**
TPH EC35-EC40	mg/l	<0.15**	<0.05	<0.05	<0.05	<0.15**	<0.05	<0.05	<0.05	<0.15**	<0.20**
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#101	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#118	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#138	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#153	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#180	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#28	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#52	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

ECoS REPORT NO.		081156	Durham Rd				
DATE ISSUED		17/07/08	F15285				
HOLE NO/SAMPLE ID		SM01	SM02	SM03	SM04	SM05	SM06
SAMPLE DEPTH							
SAMPLE NO.							
SAMPLE TYPE							
DATE SAMPLED		02/07/08	02/07/08	02/07/08	02/07/08	02/07/08	02/07/08
RECEIPT DATE		03/07/08	03/07/08	03/07/08	03/07/08	03/07/08	03/07/08
OUR REF.		S0807326	S0807327	S0807328	S0807329	S0807330	S0807331
MATRIX		Other Water	Other Water	Other Water	Other Water	Other Water	Other Water
pH	N/A	7.5	8	8	7.7	7.6	7.6
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	0.86	0.31	0.07	0.19	0.1	0.28
Naphthalene	ug/l	<0.02	<0.02	<0.02	0.03	0.03	0.02
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthene	ug/l	0.02	<0.02	<0.02	0.02	0.02	<0.02
Fluorene	ug/l	<0.02	<0.02	<0.02	<0.02	0.02	0.03
Phenanthrene	ug/l	0.03	0.04	0.03	0.04	0.03	0.06
Anthracene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluoranthene	ug/l	0.03	0.07	0.04	0.04	<0.02	0.05
Pyrene	ug/l	<0.02	0.06	<0.02	0.03	<0.02	0.04
Benzo(a)anthracene	ug/l	<0.01	0.02	<0.01	0.01	<0.01	0.02
Chrysene	ug/l	<0.01	0.03	<0.01	0.01	<0.01	0.02
Benzo(b)+(j)fluoranthene	ug/l	<0.01	0.03	<0.01	0.02	<0.01	0.03
Benzo(k)fluoranthene	ug/l	<0.01	0.02	<0.01	<0.01	<0.01	<0.01
Benzo(a)pyrene	ug/l	<0.01	0.02	<0.01	<0.01	<0.01	0.02
Indeno(1,2,3-cd)pyrene	ug/l	<0.01	0.01	<0.01	<0.01	<0.01	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	<0.01	0.01	<0.01	<0.01	<0.01	<0.01
Arsenic	ug/l	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Cadmium	ug/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chromium	ug/l	1.2	2.2	1.8	2.1	2.6	3.2
Lead	ug/l	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Mercury	ug/l	0.5	0.3	<0.2	<0.2	<0.2	<0.2
Nickel	ug/l	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Selenium	ug/l	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Benzene	ug/l	<1	<1	<1	<1	<1	<1
Toluene	ug/l	<1	<1	<1	<1	<1	<1
Ethylbenzene	ug/l	<1	<1	<1	<1	<1	<1
m+p-Xylene	ug/l	<1	<1	<1	<1	<1	<1
o-Xylene	ug/l	<1	<1	<1	<1	<1	<1
TPH	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#101	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#118	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#138	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#153	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#180	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#28	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#52	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

ECoS REPORT NO.		081372	Durham Rd									
DATE ISSUED		20/08/08	F15285									
HOLE NO/SAMPLE ID		BH601	BH602	BH603	BH604	BH604A	BH605	BH606A	BH607	BH608	SM1	SM2
SAMPLE DEPTH		1.96	2.12	2.22	2.15	6.91	2.81	5.12	1.70	0.62		
SAMPLE NO.												
SAMPLE TYPE		W	W	W	W	W	W	W	W	W	W	W
DATE SAMPLED		31/07/08	31/07/08	31/07/08	31/07/08	31/07/08	31/07/08	31/07/08	31/07/08	31/07/08	30/07/08	30/07/08
RECEIPT DATE		04/08/08	04/08/08	04/08/08	04/08/08	04/08/08	04/08/08	04/08/08	04/08/08	04/08/08	04/08/08	04/08/08
OUR REF.		S0808790	S0808791	S0808792	S0808793	S0808794	S0808795	S0808796	S0808797	S0808798	S0808799	S0808800
MATRIX		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
pH	N/A	7.2	7	6.9	7.3	7.7	7.5	7.4	7.3	7.2	6.9	7.8
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	0.49	0.98	1.46	0.11	0.03	0.69	0.04	0.49	2.18	3.84	6.13
Naphthalene	ug/l	<0.02	0.03	<0.02	<0.02	0.02	<0.02	<0.02	<0.02	0.11	0.03	0.02
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.03
Acenaphthene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.48	0.06	0.08
Fluorene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.13	0.05	0.06
Phenanthrene	ug/l	0.03	0.04	0.04	0.02	<0.02	0.06	<0.02	0.03	0.06	0.31	0.37
Anthracene	ug/l	<0.02	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	0.03	0.18	0.08
Fluoranthene	ug/l	0.05	0.09	0.08	<0.02	<0.02	0.1	<0.02	0.07	0.17	0.63	0.89
Pyrene	ug/l	0.05	0.08	0.08	<0.02	<0.02	0.08	<0.02	0.06	0.13	0.52	0.69
Benzo(a)anthracene	ug/l	0.04	0.1	0.12	<0.01	<0.01	0.05	<0.01	0.05	0.12	0.25	0.47
Chrysene	ug/l	0.05	0.1	0.17	<0.01	<0.01	0.05	<0.01	0.06	0.13	0.36	0.55
Benzo(b)+(j)fluoranthene	ug/l	0.08	0.16	0.29	0.01	<0.01	0.09	<0.01	0.07	0.24	0.51	0.94
Benzo(k)fluoranthene	ug/l	0.03	0.07	0.07	<0.01	<0.01	0.04	<0.01	0.04	0.07	0.14	0.24
Benzo(a)pyrene	ug/l	0.06	0.1	0.15	<0.01	<0.01	0.07	<0.01	0.04	0.17	0.25	0.58
Indeno(1,2,3-cd)pyrene	ug/l	0.03	0.11	0.19	<0.01	<0.01	0.05	<0.01	0.02	0.15	0.29	0.57
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	0.04	0.05	0.12
Benzo(g,h,i)perylene	ug/l	0.04	0.08	0.21	<0.01	<0.01	0.04	<0.01	0.04	0.12	0.18	0.43
Arsenic	ug/l	0.5	<0.2	3.1	0.2	16.6	1.8	11.2	0.2	0.8	1.6	1.2
Cadmium	ug/l	0.32	0.09	0.22	0.29	0.07	0.09	0.02	0.15	<0.01	<0.01	<0.01
Chromium	ug/l	3.74	3.22	2.73	3.7	14.45	6.65	17.21	3.8	3.92	1.79	1.87
Lead	ug/l	0.2	0.8	0.2	0.7	0.2	0.3	0.4	0.3	0.2	<0.2	<0.2
Mercury	ug/l	0.03	<0.02	<0.02	<0.02	0.03	0.04	0.02	<0.02	<0.02	<0.02	<0.02
Nickel	ug/l	16.1	8.8	10.3	16.9	1.1	10.1	2.3	4	3.7	2.7	0.8
Selenium	ug/l	1.2	0.7	5.5	1	7.3	3.6	9.7	2.5	1.2	1	0.9
Benzene	ug/l	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	ug/l	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	ug/l	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
m+p-Xylene	ug/l	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
o-Xylene	ug/l	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TPH	mg/l	<0.05	0.09	0.09	<0.1	<0.05	<0.1	<0.05	0.19	0.14	5.07	0.26
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.02	<0.01	<0.02	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.02	<0.01	<0.02	<0.01	<0.01	<0.01	0.07	<0.01
TPH EC16-EC21	mg/l	<0.01	0.01	<0.01	0.02	<0.01	<0.02	<0.01	<0.01	0.02	1.97	0.06
TPH EC21-EC35	mg/l	<0.05	0.07	0.07	<0.1	<0.05	<0.1	<0.05	0.18	0.1	2.67	0.15

TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.1	<0.05	<0.1	<0.05	<0.05	<0.05	0.35	0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#52	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.007	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#101	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.008	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#118	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#153	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#138	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#180	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Client: **Norwest Holst Ltd - Soil Engineering Div**
Parkside Lane
Dewsbury Road
LEEDS
West Yorkshire
LS11 5SX

FAO: Mr C Wilkinson

Test Report Number: R08/1504

Client Project Name:	**Durham Road, Newport**
Client Project Number:	**F15285**
Your Order Number:	**F15285**
Order Receipt Date:	**29/08/08**
Reporting Date:	**Friday 12 September 2008**

If you have any queries regarding this report please contact our Customer Services Section

ECõS Environmental Limited
Low Moor Business Park, Common Road, Bradford BD12 0NB
Tel: 01274 691122 Fax: 01274 608100

Client Project Name: Durham Road, Newport | **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 | **Reporting Date: Friday 12 September 2008**

Comments

All analyses are carried out using the laboratory's standard methods unless otherwise agreed.

The test results in this report refer only to the actual samples on which testing has been performed.

Any opinions and/or interpretations expressed herein are outside the scope of the testing laboratory's UKAS accreditation.

The test report shall not be reproduced, except in full, without the testing laboratory's written approval.

This testing laboratory cannot be held responsible for the condition or suitability of samples submitted for testing by a third party or for the competency of personnel other than its own staff.

This testing laboratory cannot be held responsible for the accuracy of test sample locations or descriptions when supplied by a third party.

Soil Samples

Results are expressed on a dried mass basis. Assisted drying carried out @ 40°C.

See key in Notes section for explanation of numerical categories for asbestos results, if applicable.

All material is crushed if possible after assisted drying. Material which cannot be crushed is removed prior to analysis. See Notes section for details, if applicable.

Samples submitted for leachate determination were prepared using agreed procedures and analysed using UKAS accredited methodology where appropriate.

Results are expressed without correction for recovery factors.

Results marked with a ^{U} are UKAS accredited.

Sample Pretreatment (as listed in method statement)

AD = Assisted drying @ 40°C R = As Received

Sample Type

B = Bulk disturbed sample
C = Core Sample
D = Small disturbed sample
ES = Environmental Soil Sample
P = Piston sample
U = Undisturbed sample - open drive
W = Water Sample
EW = Environmental Water Sample

Sample Results

\# Analysis not requested
*** Test not completed. Please see notes on last page

Signed:_____

For and on behalf of ECõS Environmental Limited

Approved signatories:

Name	Position
J R Brown	Business Development Manager
L Dewell	Production Manager
J Stoddart	Technical Manager

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Friday 12 September 2008

Water Samples

Method Statement

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
pH	pH-meter	R	N/A	No	04/09/08
Phenols	HPLC-EC	R	0.5 ug/l	No	03/09/08
PAH (sum of PAH 17)	GC-MS	R	0.02 ug/l	No	09/09/08
Naphthalene	GC-MS	R	0.02 ug/l	No	09/09/08
Acenaphthylene	GC-MS	R	0.02 ug/l	No	09/09/08
Acenaphthene	GC-MS	R	0.02 ug/l	No	09/09/08
Fluorene	GC-MS	R	0.02 ug/l	No	09/09/08
Phenanthrene	GC-MS	R	0.02 ug/l	No	09/09/08
Anthracene	GC-MS	R	0.02 ug/l	No	09/09/08
Fluoranthene	GC-MS	R	0.02 ug/l	No	09/09/08
Pyrene	GC-MS	R	0.02 ug/l	No	09/09/08
Benzo(a)anthracene	GC-MS	R	0.01 ug/l	No	09/09/08
Chrysene	GC-MS	R	0.01 ug/l	No	09/09/08
Benzo(b)+(j)fluoranthene	GC-MS	R	0.01 ug/l	No	09/09/08
Benzo(k)fluoranthene	GC-MS	R	0.01 ug/l	No	09/09/08
Benzo(a)pyrene	GC-MS	R	0.01 ug/l	No	09/09/08
Indeno(1,2,3-cd)pyrene	GC-MS	R	0.01 ug/l	No	09/09/08
Dibenz(a,h)anthracene	GC-MS	R	0.01 ug/l	No	09/09/08
Benzo(g,h,i)perylene	GC-MS	R	0.01 ug/l	No	09/09/08
Arsenic	ICP-MS	R	0.2 ug/l	No	02/09/08
Cadmium	ICP-MS	R	0.01 ug/l	No	02/09/08
Chromium	ICP-MS	R	0.07 ug/l	No	02/09/08
Lead	ICP-MS	R	0.2 ug/l	No	02/09/08
Mercury	ICP-MS	R	0.02 ug/l	No	02/09/08
Nickel	ICP-MS	R	0.5 ug/l	No	02/09/08
Selenium	ICP-MS	R	0.5 ug/l	No	02/09/08
Benzene	HS-GC-MS	R	1 ug/l	No	08/09/08
Toluene	HS-GC-MS	R	1 ug/l	No	08/09/08
Ethylbenzene	HS-GC-MS	R	1 ug/l	No	08/09/08
m+p-Xylene	HS-GC-MS	R	2 ug/l	No	08/09/08
o-Xylene	HS-GC-MS	R	1 ug/l	No	08/09/08
TPH	GC-FID	R	0.05 mg/l	No	09/09/08
TPH EC10-EC12	GC-FID	R	0.01 mg/l	No	09/09/08
TPH EC12-EC16	GC-FID	R	0.01 mg/l	No	09/09/08
TPH EC16-EC21	GC-FID	R	0.01 mg/l	No	09/09/08
TPH EC21-EC35	GC-FID	R	0.05 mg/l	No	09/09/08
TPH EC35-EC40	GC-FID	R	0.05 mg/l	No	09/09/08
TPH EC5-EC6	HS-GC-FID	R	0.01 mg/l	No	08/09/08
TPH EC6-EC8	HS-GC-FID	R	0.01 mg/l	No	08/09/08
TPH EC8-EC10	HS-GC-FID	R	0.01 mg/l	No	08/09/08
Polychlorinated biphenyl BZ#101	GC-MS	R	0.005 ug/l	Yes	10/09/08
Polychlorinated biphenyl BZ#118	GC-MS	R	0.005 ug/l	Yes	10/09/08

Client Project Name: Durham Road, Newport **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 **Reporting Date: Friday 12 September 2008**

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
Polychlorinated biphenyl BZ#138	GC-MS	R	0.005 ug/l	Yes	10/09/08
Polychlorinated biphenyl BZ#153	GC-MS	R	0.005 ug/l	Yes	10/09/08
Polychlorinated biphenyl BZ#180	GC-MS	R	0.005 ug/l	Yes	10/09/08
Polychlorinated biphenyl BZ#28	GC-MS	R	0.005 ug/l	Yes	10/09/08
Polychlorinated biphenyl BZ#52	GC-MS	R	0.005 ug/l	Yes	10/09/08

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Friday 12 September 2008

Sample Location / Identification		BH601	BH602	BH603	BH604	BH604A
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled		28/08/08	28/08/08	28/08/08	28/08/08	28/08/08
Receipt Date		29/08/08	29/08/08	29/08/08	29/08/08	29/08/08
ECõS Sample ID		S0809634	S0809635	S0809636	S0809637	S0809638
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
pH	N/A	7.5	7.1	7.2	7.2	7.7
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	<0.02	<0.02	<0.02	0.18	<0.02
Naphthalene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluorene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Phenanthrene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Anthracene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluoranthene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Pyrene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Benzo(a)anthracene	ug/l	<0.01	<0.01	<0.01	0.01	<0.01
Chrysene	ug/l	<0.01	<0.01	<0.01	0.02	<0.01
Benzo(b)+(j)fluoranthene	ug/l	<0.01	<0.01	<0.01	0.03	<0.01
Benzo(k)fluoranthene	ug/l	<0.01	<0.01	<0.01	0.02	<0.01
Benzo(a)pyrene	ug/l	<0.01	<0.01	<0.01	0.02	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	<0.01	<0.01	<0.01	0.03	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	0.03	<0.01
Benzo(g,h,i)perylene	ug/l	<0.01	<0.01	<0.01	0.03	<0.01
Arsenic	ug/l	0.7 U	<0.2 U	3.5 U	0.2 U	6.3 U
Cadmium	ug/l	0.32 U	0.60 U	0.12 U	0.26 U	0.09 U
Chromium	ug/l	0.67 U	1.74 U	0.69 U	0.84 U	8.55 U
Lead	ug/l	1.9 U	2.1 U	<0.2 U	<0.2 U	<0.2 U
Mercury	ug/l	<0.02 U	<0.02 U	<0.02 U	<0.02 U	0.38 U
Nickel	ug/l	9.3 U	14.7 U	5.2 U	13.9 U	1.7 U
Selenium	ug/l	<0.5 U	<0.5 U	1.3 U	2.3 U	5.4 U
Benzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Toluene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Ethylbenzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
m+p-Xylene	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
o-Xylene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
TPH	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Friday 12 September 2008

Sample Location / Identification		BH601	BH602	BH603	BH604	BH604A
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled		28/08/08	28/08/08	28/08/08	28/08/08	28/08/08
Receipt Date		29/08/08	29/08/08	29/08/08	29/08/08	29/08/08
ECõS Sample ID		S0809634	S0809635	S0809636	S0809637	S0809638
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	µg/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#52	µg/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#101	µg/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#118	µg/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#153	µg/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#138	µg/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#180	µg/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Friday 12 September 2008

Sample Location / Identification		BH06	BH06A	BH607	BH608	SM1
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled		28/08/08	28/08/08	28/08/08	28/08/08	28/08/08
Receipt Date		29/08/08	29/08/08	29/08/08	29/08/08	29/08/08
ECõS Sample ID		S0809639	S0809640	S0809641	S0809642	S0809643
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
pH	N/A	7.3	7.5	7.3	7.3	7.4
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	0.05	<0.02	<0.02	<0.02	<0.02
Naphthalene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluorene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Phenanthrene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Anthracene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluoranthene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Pyrene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Benzo(a)anthracene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Chrysene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(b)+(j)fluoranthene	ug/l	0.02	<0.01	<0.01	<0.01	<0.01
Benzo(k)fluoranthene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)pyrene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	0.01	<0.01	<0.01	<0.01	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	0.02	<0.01	<0.01	<0.01	<0.01
Arsenic	ug/l	1.4 U	2.6 U	2.4 U	0.5 U	0.9 U
Cadmium	ug/l	0.39 U	0.03 U	0.17 U	0.01 U	<0.01 U
Chromium	ug/l	1.33 U	5.34 U	1.02 U	1.36 U	0.57 U
Lead	ug/l	5.3 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Mercury	ug/l	<0.02 U	<0.02 U	<0.02 U	<0.02 U	<0.02 U
Nickel	ug/l	49.2 U	1.9 U	2.2 U	6.2 U	1.2 U
Selenium	ug/l	1.1 U	3.4 U	1.0 U	0.8 U	0.8 U
Benzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Toluene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Ethylbenzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
m+p-Xylene	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
o-Xylene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
TPH	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Friday 12 September 2008

Sample Location / Identification		BH06	BH06A	BH607	BH608	SM1
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type						
Date Sampled		28/08/08	28/08/08	28/08/08	28/08/08	28/08/08
Receipt Date		29/08/08	29/08/08	29/08/08	29/08/08	29/08/08
ECõS Sample ID		S0809639	S0809640	S0809641	S0809642	S0809643
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	µg/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#52	µg/l	<0.005 U	<0.005 U	0.016 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#101	µg/l	<0.005 U	<0.005 U	0.022 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#118	µg/l	<0.005 U	<0.005 U	0.014 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#153	µg/l	<0.005 U	<0.005 U	0.060 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#138	µg/l	<0.005 U	<0.005 U	0.077 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#180	µg/l	<0.005 U	<0.005 U	0.150 U	<0.005 U	<0.005 U

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Friday 12 September 2008

Sample Location / Identification	SM2
Top Depth / m	
Bottom Depth / m	
Sample No.	
Sample Type	
Date Sampled	28/08/08
Receipt Date	29/08/08
ECõS Sample ID	S0809644
Matrix Type	Ground Water

Determinand	Units	
pH	N/A	7.9
Phenols	ug/l	<0.5
PAH (sum of PAH 17)	ug/l	<0.02
Naphthalene	ug/l	<0.02
Acenaphthylene	ug/l	<0.02
Acenaphthene	ug/l	<0.02
Fluorene	ug/l	<0.02
Phenanthrene	ug/l	<0.02
Anthracene	ug/l	<0.02
Fluoranthene	ug/l	<0.02
Pyrene	ug/l	<0.02
Benzo(a)anthracene	ug/l	<0.01
Chrysene	ug/l	<0.01
Benzo(b)+(j)fluoranthene	ug/l	<0.01
Benzo(k)fluoranthene	ug/l	<0.01
Benzo(a)pyrene	ug/l	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01
Benzo(g,h,i)perylene	ug/l	<0.01
Arsenic	ug/l	1.1 U
Cadmium	ug/l	0.01 U
Chromium	ug/l	0.69 U
Lead	ug/l	<0.2 U
Mercury	ug/l	<0.02 U
Nickel	ug/l	1.1 U
Selenium	ug/l	<0.5 U
Benzene	ug/l	<1 U
Toluene	ug/l	<1 U
Ethylbenzene	ug/l	<1 U
m+p-Xylene	ug/l	<2 U
o-Xylene	ug/l	<1 U
TPH	mg/l	<0.05
TPH EC10-EC12	mg/l	<0.01
TPH EC12-EC16	mg/l	<0.01

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Friday 12 September 2008

Sample Location / Identification	SM2
Top Depth / m	
Bottom Depth / m	
Sample No.	
Sample Type	
Date Sampled	28/08/08
Receipt Date	29/08/08
ECõS Sample ID	S0809644
Matrix Type	Ground Water

Determinand	Units	
TPH EC16-EC21	mg/l	<0.01
TPH EC21-EC35	mg/l	<0.05
TPH EC35-EC40	mg/l	<0.05
TPH EC5-EC6	mg/l	<0.01
TPH EC6-EC8	mg/l	<0.01
TPH EC8-EC10	mg/l	<0.01
Polychlorinated biphenyl BZ#28	µg/l	<0.005 U
Polychlorinated biphenyl BZ#52	µg/l	<0.005 U
Polychlorinated biphenyl BZ#101	µg/l	<0.005 U
Polychlorinated biphenyl BZ#118	µg/l	<0.005 U
Polychlorinated biphenyl BZ#153	µg/l	<0.005 U
Polychlorinated biphenyl BZ#138	µg/l	<0.005 U
Polychlorinated biphenyl BZ#180	µg/l	<0.005 U

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Friday 12 September 2008

Notes and Preservation Details

PCB analyses undertaken by UKAS laboratory number 1549.

End of Test Report

ECoS REPORT NO.		081638	F15285	Durham Ro	Norwest Holst Limited - Soil Engineering Division								
DATE ISSUED		30/10/08											
HOLE NO/SAMPLE ID		BH601	BH602	BH603	BH604	BH604A	BH606	BH606A	BH607	BH608	WT02	SM01	SM02
SAMPLE DEPTH													
SAMPLE NO.													
SAMPLE TYPE													
DATE SAMPLED													
RECEIPT DATE		26/09/08	26/09/08	26/09/08	26/09/08	26/09/08	26/09/08	26/09/08	26/09/08	26/09/08	26/09/08	26/09/08	26/09/08
OUR REF.		S0810537	S0810538	S0810539	S0810540	S0810541	S0810542	S0810543	S0810544	S0810545	S0810546	S0810547	S0810548
MATRIX		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
pH	N/A	7.5	7.3	7.8	7.5	8	7.6	7.6	7.5	7.3	7.7	8.1	7.5
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	<0.02	<0.02	<0.02	0.1	0.051	0.2	<0.02	<0.02	0.6	<0.02	<0.02	0.36
Naphthalene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.16	<0.02	<0.02	0.02
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	<0.02	<0.02	0.05	<0.02	<0.02	<0.02	0.33	<0.02	<0.02	<0.02
Fluorene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.07	<0.02	<0.02	0.02
Phenanthrene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.07
Anthracene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluoranthene	ug/l	<0.02	<0.02	<0.02	0.02	<0.02	0.05	<0.02	<0.02	0.03	<0.02	<0.02	0.09
Pyrene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	0.07
Benzo(a)anthracene	ug/l	<0.01	<0.01	<0.01	0.02	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
Chrysene	ug/l	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.05
Benzo(b)+(j)fluoranthene	ug/l	<0.01	<0.01	<0.01	0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
Benzo(k)fluoranthene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)pyrene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Arsenic	ug/l	1.5	1.1	2.9	0.4	8.5	1.3	3.4	3.9	0.8	7.1	1.4	2
Cadmium	ug/l	0.32	0.35	0.13	0.13	0.04	0.37	0.01	0.15	0.08	0.02	0.01	<0.01
Chromium	ug/l	1.98	3.43	1.77	2.5	12.48	2.85	10.55	3.02	3.26	2.3	1.3	2.22
Lead	ug/l	1.9	0.8	<0.2	0.3	<0.2	0.4	<0.2	0.4	0.2	1.2	<0.2	<0.2
Mercury	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Nickel	ug/l	8.9	9.7	6.9	5.6	1.3	7	0.9	2.4	3.7	12.1	1.4	1.6
Selenium	ug/l	1.5	0.6	2.2	2.3	0.6	0.7	<0.5	1.6	<0.5	0.5	1.1	1.1
Benzene	ug/l	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	ug/l	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	ug/l	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
m+p-Xylene	ug/l	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
o-Xylene	ug/l	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TPH	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#52	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#101	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.007	<0.005	<0.005
Polychlorinated biphenyl BZ#118	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#153	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.006	<0.005	<0.005
Polychlorinated biphenyl BZ#138	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.01	<0.005	<0.005
Polychlorinated biphenyl BZ#180	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Norwest Holst
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Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 8 samples
received 27 October 2008

Durham Road, Newport (F15285)

Chemtest

Report Date
29 October 2008

Login Batch No					48581							
Chemtest LIMS ID					AD58040	AD58042	AD58044	AD58046	AD58048	AD58050	AD58052	AD58054
Sample ID					SM01	SM02	WT05	BH601	BH602	BH604A	BH606A	BH608
Sample No					1 OF 2	1 OF 2	1 OF 2	1 OF 2	1 OF 2	1 OF 2	1 OF 2	1 OF 2
Depth												
Matrix					*WATER*	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*								
1010	pH	PH	-	U	7.6	7.2	7.3	6.8	6.7	7.2	7.0	6.9
1450	Arsenic	7440382	µg l⁻¹	U	1.3	2.9	5.4	2.3	3.2	8.4	13	1.3
	Cadmium	7440439	µg l⁻¹	U	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l⁻¹	U	1.4	1.2	3.5	3.0	4.1	9.8	7.1	3.7
	Mercury	7439976	µg l⁻¹	U	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	Nickel	7440020	µg l⁻¹	U	1.1	1.7	14	15	14	1.8	1.3	2.4
	Lead	7439921	µg l⁻¹	U	<1	<1	<1	8.1	1.1	<1	<1	<1
	Selenium	7782492	µg l⁻¹	U	1.1	1.1	1.2	1.6	1.2	4.7	3.6	<1
1673	TPH >C6-C10		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l⁻¹	U	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l⁻¹	U	<10	<10	<10	<10	<10	<10	<10	<10
1700	Naphthalene	91203	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Fluorene	86737	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Anthracene	120127	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Pyrene	129000	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Chrysene	218019	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l⁻¹	N	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l⁻¹	U	<1	<1	<1	<1	<1	<1	<1	<1

All tests undertaken between 28-Oct-2008 and 29-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

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LABORATORY TEST REPORT

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Chemtest

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					AD58040	AD58042	AD58044	AD58046	AD58048	AD58050	AD58052	AD58054
					SM01	SM02	WT05	BH601	BH602	BH604A	BH606A	BH608
					1 OF 2	1 OF 2	1 OF 2	1 OF 2	1 OF 2	1 OF 2	1 OF 2	1 OF 2
					WATER	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*
1760	Toluene	108883	µg l⁻¹	U	<1	<1	<1	<1	<1	<1	<1	<1
	Ethyl benzene	100414	µg l⁻¹	U	<1	<1	<1	<1	<1	<1	<1	<1
	m- & p-Xylene	1330207	µg l⁻¹	U	<1	<1	<1	<1	<1	<1	<1	<1
	o-Xylene	95476	µg l⁻¹	U	<1	<1	<1	<1	<1	<1	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l⁻¹	N	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l⁻¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

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This report should be interpreted in conjunction with the notes on the accompanying cover page

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					SM01	SM02	WT05	BH601	BH602	BH604A	BH606A	BH608
					1 OF 2	1 OF 2	1 OF 2	1 OF 2	1 OF 2	1 OF 2	1 OF 2	1 OF 2
					WATER	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*	*WATER*
1900	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 28-Oct-2008 and 29-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson
27 November 2008

Dear C Wilkinson

Test Report Number **101953**
Your Project Reference **Durham Rd, Newport - F15285**

Please find enclosed the results of analysis for the samples received 21 November 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☑ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 2 samples
received 21 November 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
27 November 2008

Login Batch No					**101950**	
Chemtest LIMS ID					AD65584	AD65585
Sample ID					SM01	SM02
Sample No						
Depth						
Matrix					*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*		
1010	pH	PH	-	U	7.6	7.4
1450	Arsenic	7440382	µg l-¹	U	1.5	1.5
	Cadmium	7440439	µg l-¹	U	<0.5	<0.5
	Chromium (total)	7440473	µg l-¹	U	2.6	2.6
	Mercury	7439976	µg l-¹	U	<0.5	<0.5
	Nickel	7440020	µg l-¹	U	2.6	2.7
	Lead	7439921	µg l-¹	U	<1	<1
	Selenium	7782492	µg l-¹	U	1.4	1.4
1673	TPH >C6-C10		µg l-¹	U	<0.1	<0.1
	TPH >C10-C21		µg l-¹	U	<0.1	<0.1
	TPH >C21-C40		µg l-¹	U	<0.1	<0.1
	TPH (Aqueous Phase)		µg l-¹	U	<10	<10
1700	Naphthalene	91203	µg l-¹	N	<0.01	<0.01
	Acenaphthylene	208968	µg l-¹	N	<0.01	<0.01
	Acenaphthene	83329	µg l-¹	N	<0.01	<0.01
	Fluorene	86737	µg l-¹	N	<0.01	<0.01
	Phenanthrene	85018	µg l-¹	N	<0.01	<0.01
	Anthracene	120127	µg l-¹	N	<0.01	<0.01
	Fluoranthene	206440	µg l-¹	N	<0.01	<0.01
	Pyrene	129000	µg l-¹	N	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l-¹	N	<0.01	<0.01
	Chrysene	218019	µg l-¹	N	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l-¹	N	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l-¹	N	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l-¹	N	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l-¹	N	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l-¹	N	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l-¹	N	<0.01	<0.01
	Total (of 16) PAHs		µg l-¹	N	<0.2	<0.2
1760	Benzene	71432	µg l-¹	U	<0.1	<0.1
	Toluene	108883	µg l-¹	U	<1	<1

All tests undertaken between 24-Nov-2008 and 26-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 2 samples
received 21 November 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
27 November 2008

					101950	
					AD65584	AD65585
					SM01	SM02
					WATER	*WATER*
1760	Ethyl benzene	100414	µg l-¹	U	<1	<1
	m- & p-Xylene	1330207	µg l-¹	U	<1	<1
	o-Xylene	95476	µg l-¹	U	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002

All tests undertaken between 24-Nov-2008 and 26-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 2 samples
received 21 November 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
27 November 2008

					101950	
					AD65584	AD65585
					SM01	SM02
					WATER	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002

All tests undertaken between 24-Nov-2008 and 26-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
07 January 2009

Dear Christian Wilkinson

Test Report Number **102224**
Your Project Reference **F15285 - Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 19 December 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

KT Jones

Authorised Signatory

□ Darrell Hall	Laboratory Manager
□ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Manager
□ John Crawford	Quality Manager
□ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 19 December 2008

F15285 - Durham Rd, Newport

Chemtest

Report Date
07 January 2009

Login Batch No					**102224**		
Chemtest LIMS ID					AD72390	AD72391	AD72392
Sample ID					BH608	SM01	SM02
Sample No							
Depth							
Matrix					*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
1010	pH	PH	-	U	6.7	7.5	7.2
1450	Arsenic	7440382	µg l⁻¹	U	2.5	1.3	1.5
	Cadmium	7440439	µg l⁻¹	U	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l⁻¹	U	9.5	3.6	3.7
	Mercury	7439976	µg l⁻¹	U	<0.5	<0.5	<0.5
	Nickel	7440020	µg l⁻¹	U	9.3	2.8	3.2
	Lead	7439921	µg l⁻¹	U	2.1	<1	1.2
	Selenium	7782492	µg l⁻¹	U	1.4	1.9	2.0
1673	TPH >C6-C10		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l⁻¹	U	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l⁻¹	U	<10	<10	<10
1700	Naphthalene	91203	µg l⁻¹	N	0.55	1.5	0.88
	Acenaphthylene	208968	µg l⁻¹	N	0.86	0.058	0.42
	Acenaphthene	83329	µg l⁻¹	N	4.5	1.6	2.3
	Fluorene	86737	µg l⁻¹	N	<0.01	0.018	0.027
	Phenanthrene	85018	µg l⁻¹	N	0.59	<0.01	<0.01
	Anthracene	120127	µg l⁻¹	N	0.27	1.2	0.92
	Fluoranthene	206440	µg l⁻¹	N	<0.01	<0.01	<0.01
	Pyrene	129000	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l⁻¹	N	<0.01	<0.01	<0.01
	Chrysene	218019	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l⁻¹	N	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l⁻¹	N	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l⁻¹	N	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l⁻¹	N	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l⁻¹	N	6.775	4.376	4.547
1760	Benzene	71432	µg l⁻¹	U	<0.1	<0.1	<0.1
	Toluene	108883	µg l⁻¹	U	<1	<1	<1

All tests undertaken between 22-Dec-2008 and 6-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 19 December 2008

F15285 - Durham Rd, Newport

Chemtest

Report Date
07 January 2009

					102224		
					AD72390	AD72391	AD72392
					BH608	SM01	SM02
					WATER	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	U	<1	<1	<1
	m- & p-Xylene	1330207	µg l-¹	U	<1	<1	<1
	o-Xylene	95476	µg l-¹	U	<1	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 22-Dec-2008 and 6-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 19 December 2008

F15285 - Durham Rd, Newport

Chemtest

Report Date
07 January 2009

					102224		
					AD72390	AD72391	AD72392
					BH608	SM01	SM02
					WATER	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 22-Dec-2008 and 6-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
26 January 2009

Dear Christian Wilkinson

Test Report Number **102379**
Your Project Reference **F15285 Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 16 January 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☐ Darrell Hall	Laboratory Manager
☑ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Newmarket • Tamworth • Glasgow
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Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 16 January 2009

F15285 Durham Rd, Newport

Chemtest

Report Date
26 January 2009

Login Batch No					**102379**		
Chemtest LIMS ID					AD75697	AD75698	AD75699
Sample ID					BH608	SM01	SM02
Sample No							
Depth							
Matrix					*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
1010	pH	PH	-	U	6.9	7.6	7.5
1450	Arsenic	7440382	µg l-¹	U	<1	1.7	1.9
	Cadmium	7440439	µg l-¹	U	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l-¹	U	3.2	2.4	2.4
	Mercury	7439976	µg l-¹	U	<0.5	<0.5	<0.5
	Nickel	7440020	µg l-¹	U	7.6	2.9	3.4
	Lead	7439921	µg l-¹	U	<1	<1	1.5
	Selenium	7782492	µg l-¹	U	<1	2.0	1.9
1673	TPH >C6-C10		µg l-¹	U	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l-¹	U	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l-¹	U	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l-¹	U	<10	<10	<10
1700	Naphthalene	91203	µg l-¹	N	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l-¹	N	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l-¹	N	<0.01	<0.01	<0.01
	Fluorene	86737	µg l-¹	N	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l-¹	N	<0.01	<0.01	<0.01
	Anthracene	120127	µg l-¹	N	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l-¹	N	<0.01	<0.01	<0.01
	Pyrene	129000	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l-¹	N	<0.01	<0.01	<0.01
	Chrysene	218019	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l-¹	N	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l-¹	N	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l-¹	N	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l-¹	N	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l-¹	N	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l-¹	U	0.50	0.13	<0.1
	Toluene	108883	µg l-¹	U	<1	<1	<1

All tests undertaken between 19-Jan-2009 and 22-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 16 January 2009

F15285 Durham Rd, Newport

Chemtest

Report Date
26 January 2009

					102379		
					AD75697	AD75698	AD75699
					BH608	SM01	SM02
					WATER	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	U	<1	<1	<1
	m- & p-Xylene	1330207	µg l-¹	U	<1	<1	<1
	o-Xylene	95476	µg l-¹	U	<1	<1	<1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 19-Jan-2009 and 22-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 16 January 2009

F15285 Durham Rd, Newport

Report Date
26 January 2009

					102379		
					AD75697	AD75698	AD75699
					BH608	SM01	SM02
					WATER	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 19-Jan-2009 and 22-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson
16 March 2009

Dear Christiaan Wilkinson

Test Report Number **56802**
Your Project Reference **F15285 - Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 6 March 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☑ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 06 March 2009

F15285 - Durham Rd, Newport

Chemtest

Report Date
16 March 2009

Login Batch No					**56802**			
	Chemtest LIMS ID				AD86969	AD86970	AD86971	AD86972
	Sample ID				BH607	BH608	SM01	SM02
	Sample No							
	Depth							
	Matrix				*WATER*	*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*				
1010	pH	PH	-	U	7.1	6.9	7.4	7.4
1450	Arsenic	7440382	µg l-¹	U	2.9	<1	1.6	1.7
	Cadmium	7440439	µg l-¹	U	<0.5	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l-¹	U	3.5	2.9	3.1	2.9
	Mercury	7439976	µg l-¹	U	<0.5	<0.5	<0.5	<0.5
	Nickel	7440020	µg l-¹	U	5.5	5.6	3.5	3.6
	Lead	7439921	µg l-¹	U	1.4	<1	<1	<1
	Selenium	7782492	µg l-¹	U	2.5	<1	1.2	1.3
1673	TPH >C6-C10		µg l-¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l-¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l-¹	U	<0.1	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l-¹	U	<10	<10	<10	<10
1700	Naphthalene	91203	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Fluorene	86737	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Anthracene	120127	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Pyrene	129000	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Chrysene	218019	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l-¹	N	<0.2	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l-¹	N	<0.1	<0.1	<0.1	<0.1
	Toluene	108883	µg l-¹	N	<0.1	<0.1	<0.1	<0.1

All tests undertaken between 10-Mar-2009 and 16-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 06 March 2009

F15285 - Durham Rd, Newport

Chemtest

Report Date
16 March 2009

					56802			
					AD86969	AD86970	AD86971	AD86972
					BH607	BH608	SM01	SM02
					WATER	*WATER*	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	N	<0.1	<0.1	<0.1	<0.1
	m- & p-Xylene	1330207	µg l-¹	N	<0.1	<0.1	<0.1	<0.1
	o-Xylene	95476	µg l-¹	N	<0.1	<0.1	<0.1	<0.1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 10-Mar-2009 and 16-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 06 March 2009

F15285 - Durham Rd, Newport

Chemtest

Report Date
16 March 2009

					56802			
					AD86969	AD86970	AD86971	AD86972
					BH607	BH608	SM01	SM02
					WATER	*WATER*	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 10-Mar-2009 and 16-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest
The right chemistry to deliver results

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson
27 April 2009

Dear C Wilkinson

Test Report Number **76136**
Your Project Reference **Durham Road, Newport (F15285)**

Please find enclosed the results of analysis for the samples received 17 April 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

- ☐ Darrell Hall — Laboratory Manager
- ☐ Phil Hellier — Operations Director
- ☑ Keith Jones — Technical Development Manager
- ☐ John Crawford — Quality Manager
- ☐ Malcolm Avis — Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 17 April 2009

Durham Road, Newport (F15285)

Chemtest
The right chemistry to deliver results

Report Date
27 April 2009

Login Batch No					**76136**			
Chemtest LIMS ID					AD97318	AD97319	AD97320	AD97321
Sample ID					BH602	BH604A	BH606A	BH607
Sample No								
Depth								
Matrix					*WATER*	*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*				
1010	pH	PH	-	U	6.9	7.4	7.2	7.6
1450	Arsenic	7440382	µg l-¹	U	3.7	3.9	11	2.9
	Cadmium	7440439	µg l-¹	U	<0.5	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l-¹	U	6.6	8.9	6.7	8.3
	Mercury	7439976	µg l-¹	U	<0.5	<0.5	<0.5	<0.5
	Nickel	7440020	µg l-¹	U	16	2.6	2.7	4.9
	Lead	7439921	µg l-¹	U	<1	<1	<1	<1
	Selenium	7782492	µg l-¹	U	5.6	5.1	2.8	2.7
1673	TPH >C6-C10		µg l-¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l-¹	U	<0.1	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l-¹	U	<0.1	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l-¹	U	<10	<10	<10	<10
1700	Naphthalene	91203	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Fluorene	86737	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Anthracene	120127	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Pyrene	129000	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Chrysene	218019	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l-¹	N	<0.2	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l-¹	N	<0.1	<0.1	<0.1	<0.1
	Toluene	108883	µg l-¹	N	<0.1	<0.1	<0.1	<0.1

All tests undertaken between 20-Apr-2009 and 27-Apr-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 17 April 2009

Durham Road, Newport (F15285)

Chemtest
The right chemistry to deliver results

Report Date
27 April 2009

					76136			
					AD97318	AD97319	AD97320	AD97321
					BH602	BH604A	BH606A	BH607
					WATER	*WATER*	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	N	<0.1	<0.1	<0.1	<0.1
	m- & p-Xylene	1330207	µg l-¹	N	<0.1	<0.1	<0.1	<0.1
	o-Xylene	95476	µg l-¹	N	<0.1	<0.1	<0.1	<0.1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 20-Apr-2009 and 27-Apr-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 4 samples
received 17 April 2009

Durham Road, Newport (F15285)

Chemtest
The right chemistry to deliver results

Report Date
27 April 2009

					76136			
					AD97318	AD97319	AD97320	AD97321
					BH602	BH604A	BH606A	BH607
					WATER	*WATER*	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002	<0.0002

All tests undertaken between 20-Apr-2009 and 27-Apr-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest
The right chemistry to deliver results

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson
27 April 2009

Dear C Wilkinson

Test Report Number **76137**
Your Project Reference **Durham Road, Newport (F15285)**

Please find enclosed the results of analysis for the samples received 17 April 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

ICTones

Authorised Signatory

☐	Darrell Hall	Laboratory Manager
☐	Phil Hellier	Operations Director
☑	Keith Jones	Technical Development Manager
☐	John Crawford	Quality Manager
☐	Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 17 April 2009

Durham Road, Newport (F15285)

Chemtest
The right chemistry to deliver results

Report Date
27 April 2009

Login Batch No					**76137**		
	Chemtest LIMS ID				AD97324	AD97325	AD97326
	Sample ID				BH608	SM01	SM02
	Sample No						
	Depth						
	Matrix				*WATER*	*WATER*	*WATER*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
1010	pH	PH	-	U	7.0	7.6	7.6
1450	Arsenic	7440382	µg l-1	U	<1	1.2	1.1
	Cadmium	7440439	µg l-1	U	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l-1	U	4.0	2.7	2.6
	Mercury	7439976	µg l-1	U	<0.5	<0.5	<0.5
	Nickel	7440020	µg l-1	U	3.9	2.8	2.5
	Lead	7439921	µg l-1	U	<1	<1	<1
	Selenium	7782492	µg l-1	U	<1	1.5	1.2
1673	TPH >C6-C10		µg l-1	U	<0.1	<0.1	<0.1
	TPH >C10-C21		µg l-1	U	<0.1	<0.1	<0.1
	TPH >C21-C40		µg l-1	U	<0.1	<0.1	<0.1
	TPH (Aqueous Phase)		µg l-1	U	<10	<10	<10
1700	Naphthalene	91203	µg l-1	N	<0.01	<0.01	<0.01
	Acenaphthylene	208968	µg l-1	N	<0.01	<0.01	<0.01
	Acenaphthene	83329	µg l-1	N	<0.01	<0.01	<0.01
	Fluorene	86737	µg l-1	N	<0.01	<0.01	<0.01
	Phenanthrene	85018	µg l-1	N	<0.01	<0.01	<0.01
	Anthracene	120127	µg l-1	N	<0.01	<0.01	<0.01
	Fluoranthene	206440	µg l-1	N	<0.01	<0.01	<0.01
	Pyrene	129000	µg l-1	N	<0.01	<0.01	<0.01
	Benzo[a]anthracene	56553	µg l-1	N	<0.01	<0.01	<0.01
	Chrysene	218019	µg l-1	N	<0.01	<0.01	<0.01
	Benzo[b]fluoranthene	205992	µg l-1	N	<0.01	<0.01	<0.01
	Benzo[k]fluoranthene	207089	µg l-1	N	<0.01	<0.01	<0.01
	Benzo[a]pyrene	50328	µg l-1	N	<0.01	<0.01	<0.01
	Dibenzo[a,h]anthracene	53703	µg l-1	N	<0.01	<0.01	<0.01
	Indeno[1,2,3-cd]pyrene	193395	µg l-1	N	<0.01	<0.01	<0.01
	Benzo[g,h,i]perylene	191242	µg l-1	N	<0.01	<0.01	<0.01
	Total (of 16) PAHs		µg l-1	N	<0.2	<0.2	<0.2
1760	Benzene	71432	µg l-1	N	<0.1	<0.1	<0.1
	Toluene	108883	µg l-1	N	<0.1	<0.1	<0.1

All tests undertaken between 20-Apr-2009 and 27-Apr-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 17 April 2009

Durham Road, Newport (F15285)

Chemtest
The right chemistry to deliver results

Report Date
27 April 2009

					76137		
					AD97324	AD97325	AD97326
					BH608	SM01	SM02
					WATER	*WATER*	*WATER*
1760	Ethyl benzene	100414	µg l-¹	N	<0.1	<0.1	<0.1
	m- & p-Xylene	1330207	µg l-¹	N	<0.1	<0.1	<0.1
	o-Xylene	95476	µg l-¹	N	<0.1	<0.1	<0.1
1810	2,4,4'-Trichlorobiphenyl	7012375	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',5,5'-Tetrachlorobiphenyl	35693993	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	µg l-¹	N	<0.01	<0.01	<0.01
	2,3,4,4',5-Pentachlorobiphenyl	31508006	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	µg l-¹	N	<0.01	<0.01	<0.01
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	µg l-¹	N	<0.01	<0.01	<0.01
1900	2-sec-Butyl-4,6-dinitrophenol	88857	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Chloro-3-methylphenol	59507	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Chlorophenol	95578	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dichlorophenol	120832	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,6-Dichlorophenol	87650	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dimethylphenol	105679	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4-Dinitrophenol	51285	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methyl-4,6-dinitrophenol	534521	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Methylphenol	95487	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3-Methylphenol	108394	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Methylphenol	106445	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2-Nitrophenol	88755	mg l-¹	N	<0.0002	<0.0002	<0.0002
	4-Nitrophenol	100027	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Pentachlorophenol	87865	mg l-¹	N	<0.0002	<0.0002	<0.0002
	Phenol	108952	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,5-Tetrachlorophenol	4901513	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4,6-Tetrachlorophenol	58902	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5,6-Tetrachlorophenol	935955	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,4-Trichlorophenol	15950660	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,5-Trichlorophenol	933788	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,3,6-Trichlorophenol	933755	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 20-Apr-2009 and 27-Apr-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 17 April 2009

Durham Road, Newport (F15285)

Chemtest
The right chemistry to deliver results

Report Date
27 April 2009

					76137		
					AD97324	AD97325	AD97326
					BH608	SM01	SM02
					WATER	*WATER*	*WATER*
1900	2,4,5-Trichlorophenol	95954	mg l-¹	N	<0.0002	<0.0002	<0.0002
	2,4,6-Trichlorophenol	88062	mg l-¹	N	<0.0002	<0.0002	<0.0002
	3,4,5-Trichlorophenol	609198	mg l-¹	N	<0.0002	<0.0002	<0.0002

All tests undertaken between 20-Apr-2009 and 27-Apr-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Perched Water Results

(Water Treatment System)

Client: **Norwest Holst Ltd - Soil Engineering Div**
Parkside Lane
Dewsbury Road
LEEDS
West Yorkshire
LS11 5SX

FAO: Mr C Wilkinson

Test Report Number: R08/1146

Client Project Name:	**Durham Rd, Newport**
Client Project Number:	**F15285**
Your Order Number:	**F15285**
Order Receipt Date:	**02/07/08**
Reporting Date:	**Thursday 10 July 2008**

If you have any queries regarding this report please contact our Customer Services Section

ECõS Environmental Limited
Low Moor Business Park, Common Road, Bradford BD12 0NB
Tel: 01274 691122 Fax: 01274 608100

Client Project Name: Durham Rd, Newport **Client: Norwest Holst Ltd - Soil Engineering Div**

Project Number: F15285 **Reporting Date: Thursday 10 July 2008**

Comments

All analyses are carried out using the laboratory's standard methods unless otherwise agreed.

The test results in this report refer only to the actual samples on which testing has been performed.

Any opinions and/or interpretations expressed herein are outside the scope of the testing laboratory's UKAS accreditation.

The test report shall not be reproduced, except in full, without the testing laboratory's written approval.

This testing laboratory cannot be held responsible for the condition or suitability of samples submitted for testing by a third party or for the competency of personnel other than its own staff.

This testing laboratory cannot be held responsible for the accuracy of test sample locations or descriptions when supplied by a third party.

Soil Samples

Results are expressed on a dried mass basis. Assisted drying carried out @ 40°C.

See key in Notes section for explanation of numerical categories for asbestos results, if applicable.

All material is crushed if possible after assisted drying. Material which cannot be crushed is removed prior to analysis. See Notes section for details, if applicable.

Samples submitted for leachate determination were prepared using agreed procedures and analysed using UKAS accredited methodology where appropriate.

Results are expressed without correction for recovery factors.

Results marked with a ^{U} are UKAS accredited.

Sample Pretreatment (as listed in method statement)

AD = Assisted drying @ 40°C R = As Received

Sample Type

B = Bulk disturbed sample
C = Core Sample
D = Small disturbed sample
ES = Environmental Soil Sample
P = Piston sample
U = Undisturbed sample - open drive
W = Water Sample
EW = Environmental Water Sample

Sample Results

Analysis not requested
*** Test not completed. Please see notes on last page

Signed: _____

For and on behalf of ECõS Environmental Limited

Approved signatories:

Name	Position
J R Brown	Business Development Manager
L Dewell	Production Manager
J Stoddart	Technical Manager

Client Project Name: Durham Rd, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Thursday 10 July 2008

Water Samples

Method Statement

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
pH	pH-meter	R	N/A	No	07/07/08
Phenols	HPLC-EC	R	0.5 ug/l	No	07/07/08
PAH (sum of PAH 17)	GC-MS	R	0.02 ug/l	No	07/07/08
Naphthalene	GC-MS	R	0.02 ug/l	No	09/07/08
Acenaphthylene	GC-MS	R	0.02 ug/l	No	09/07/08
Acenaphthene	GC-MS	R	0.02 ug/l	No	09/07/08
Fluorene	GC-MS	R	0.02 ug/l	No	09/07/08
Phenanthrene	GC-MS	R	0.02 ug/l	No	09/07/08
Anthracene	GC-MS	R	0.02 ug/l	No	09/07/08
Fluoranthene	GC-MS	R	0.02 ug/l	No	09/07/08
Pyrene	GC-MS	R	0.02 ug/l	No	09/07/08
Benzo(a)anthracene	GC-MS	R	0.01 ug/l	No	09/07/08
Chrysene	GC-MS	R	0.01 ug/l	No	09/07/08
Benzo(b)+(j)fluoranthene	GC-MS	R	0.01 ug/l	No	09/07/08
Benzo(k)fluoranthene	GC-MS	R	0.01 ug/l	No	09/07/08
Benzo(a)pyrene	GC-MS	R	0.01 ug/l	No	09/07/08
Indeno(1,2,3-cd)pyrene	GC-MS	R	0.01 ug/l	No	09/07/08
Dibenz(a,h)anthracene	GC-MS	R	0.01 ug/l	No	09/07/08
Benzo(g,h,i)perylene	GC-MS	R	0.01 ug/l	No	09/07/08
Arsenic	ICP-MS	R	0.2 ug/l	No	07/07/08
Cadmium	ICP-MS	R	0.01 ug/l	No	07/07/08
Chromium	ICP-MS	R	0.07 ug/l	No	07/07/08
Lead	ICP-MS	R	0.2 ug/l	No	07/07/08
Mercury	ICP-MS	R	0.02 ug/l	No	07/07/08
Nickel	ICP-MS	R	0.5 ug/l	No	07/07/08
Selenium	ICP-MS	R	0.5 ug/l	No	07/07/08
Benzene	HS-GC-MS	R	1 ug/l	No	09/07/08
Toluene	HS-GC-MS	R	1 ug/l	No	09/07/08
Ethylbenzene	HS-GC-MS	R	1 ug/l	No	09/07/08
m+p-Xylene	HS-GC-MS	R	1 ug/l	No	09/07/08
o-Xylene	HS-GC-MS	R	1 ug/l	No	09/07/08
TPH L	GC-FID	R	0.05 mg/l	No	09/07/08
TPH EC10-EC12	GC-FID	R	0.01 mg/l	No	09/07/08
TPH EC12-EC16	GC-FID	R	0.01 mg/l	No	09/07/08
TPH EC16-EC21	GC-FID	R	0.01 mg/l	No	09/07/08
TPH EC21-EC35	GC-FID	R	0.05 mg/l	No	09/07/08
TPH EC35-EC40	GC-FID	R	0.05 mg/l	No	09/07/08
TPH EC5-EC6	HS-GC-FID	R	0.01 mg/l	No	09/07/08
TPH EC6-EC8	HS-GC-FID	R	0.01 mg/l	No	09/07/08
TPH EC8-EC10	HS-GC-FID	R	0.01 mg/l	No	09/07/08
Polychlorinated biphenyl BZ#28	GC-MS	R	0.005 ug/l	Yes	10/07/08
Polychlorinated biphenyl BZ#52	GC-MS	R	0.005 ug/l	Yes	10/07/08

Client Project Name: Durham Rd, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Thursday 10 July 2008

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
Polychlorinated biphenyl BZ#101	GC-MS	R	0.005 ug/l	Yes	10/07/08
Polychlorinated biphenyl BZ#118	GC-MS	R	0.005 ug/l	Yes	10/07/08
Polychlorinated biphenyl BZ#153	GC-MS	R	0.005 ug/l	Yes	10/07/08
Polychlorinated biphenyl BZ#138	GC-MS	R	0.005 ug/l	Yes	10/07/08
Polychlorinated biphenyl BZ#180	GC-MS	R	0.005 ug/l	Yes	10/07/08

Client Project Name: Durham Rd, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Thursday 10 July 2008

Sample Location / Identification	TP655A
Top Depth / m	2.20
Bottom Depth / m	
Sample No.	W01
Sample Type	
Date Sampled	
Receipt Date	02/07/08
ECõS Sample ID	S0807274
Matrix Type	Ground Water

Determinand	Units	
pH	N/A	8.1
Phenols	ug/l	<0.5
PAH (sum of PAH 17)	ug/l	1.07
Naphthalene	ug/l	0.05
Acenaphthylene	ug/l	<0.02
Acenaphthene	ug/l	<0.02
Fluorene	ug/l	0.03
Phenanthrene	ug/l	0.10
Anthracene	ug/l	0.02
Fluoranthene	ug/l	0.12
Pyrene	ug/l	0.11
Benzo(a)anthracene	ug/l	0.08
Chrysene	ug/l	0.11
Benzo(b)+(j)fluoranthene	ug/l	0.17
Benzo(k)fluoranthene	ug/l	0.05
Benzo(a)pyrene	ug/l	0.08
Indeno(1,2,3-cd)pyrene	ug/l	0.07
Dibenz(a,h)anthracene	ug/l	0.02
Benzo(g,h,i)perylene	ug/l	0.08
Arsenic	ug/l	12.3 U
Cadmium	ug/l	0.20 U
Chromium	ug/l	0.86 U
Lead	ug/l	1.5 U
Mercury	ug/l	0.03 U
Nickel	ug/l	10.0 U
Selenium	ug/l	1.5 U
Benzene	ug/l	<1
Toluene	ug/l	<1
Ethylbenzene	ug/l	<1
m+p-Xylene	ug/l	<1
o-Xylene	ug/l	<1
TPH	mg/l	0.11
TPH EC10-EC12	mg/l	<0.01
TPH EC12-EC16	mg/l	<0.01

Client Project Name: Durham Rd, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Thursday 10 July 2008

Sample Location / Identification		TP655A
Top Depth / m		2.20
Bottom Depth / m		
Sample No.		W01
Sample Type		
Date Sampled		
Receipt Date		02/07/08
ECõS Sample ID		S0807274
Matrix Type		Ground Water
Determinand	**Units**	
TPH EC16-EC21	mg/l	0.05
TPH EC21-EC35	mg/l	0.06
TPH EC35-EC40	mg/l	<0.05
TPH EC5-EC6	mg/l	<0.01
TPH EC6-EC8	mg/l	<0.01
TPH EC8-EC10	mg/l	<0.01
Polychlorinated biphenyl BZ#28	µg/l	4.7
Polychlorinated biphenyl BZ#52	µg/l	9.5
Polychlorinated biphenyl BZ#101	µg/l	5.2
Polychlorinated biphenyl BZ#118	µg/l	4.1
Polychlorinated biphenyl BZ#153	µg/l	3.2
Polychlorinated biphenyl BZ#138	µg/l	5.6
Polychlorinated biphenyl BZ#180	µg/l	4.9

Client Project Name: Durham Rd, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Thursday 10 July 2008

Notes and Preservation Details

PCB analyses undertaken by UKAS laboratory number 1549.

End of Test Report

ECoS REPORT NO.		081409	Durham Rd						
DATE ISSUED		20/08/08	F15285						
HOLE NO/SAMPLE ID		TP601	TP602	TP603	TP604	TP604A	TP606A	TP607	TP608
SAMPLE DEPTH									
SAMPLE NO.									
SAMPLE TYPE		W	W	W	W	W	W	W	W
DATE SAMPLED		07/08/08	07/08/08	07/08/08	07/08/08	07/08/08	07/08/08	07/08/08	07/08/08
RECEIPT DATE		08/08/08	08/08/08	08/08/08	08/08/08	08/08/08	08/08/08	08/08/08	08/08/08
OUR REF.		S0809004	S0809005	S0809006	S0809007	S0809008	S0809009	S0809010	S0809011
MATRIX		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
pH	N/A	7	6.9	6.9	7	7.5	7.4	7.2	7
Phenols	ug/l	77.7	<0.5	44.7	40.3	12.3	<0.5	46.6	46.6
PAH (sum of PAH 17)	ug/l	0.21	0.06	0.17	0.05	0.04	0.03	0.07	0.8
Naphthalene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.2
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.35
Fluorene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.09
Phenanthrene	ug/l	<0.02	<0.02	0.03	<0.02	<0.02	<0.02	0.02	0.03
Anthracene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluoranthene	ug/l	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.03
Pyrene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.03
Benzo(a)anthracene	ug/l	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
Chrysene	ug/l	0.02	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(b)+(j)fluoranthene	ug/l	0.03	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	0.03
Benzo(k)fluoranthene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)pyrene	ug/l	0.02	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	0.02	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	0.02	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	0.01
Arsenic	ug/l	1.5	2.7	3.8	0.7	12.9	11.4	2	1.7
Cadmium	ug/l	0.3	0.03	0.23	0.27	0.02	0.01	0.15	<0.01
Chromium	ug/l	2.57	2.85	2.26	3.28	11.9	14.68	3.34	3.35
Lead	ug/l	1.6	0.3	0.2	<0.2	<0.2	<0.2	0.2	<0.2
Mercury	ug/l	0.04	0.02	<0.02	<0.02	0.02	<0.02	<0.02	<0.02
Nickel	ug/l	11.4	9.3	9.5	13.3	1.2	1.2	4.1	4.8
Selenium	ug/l	1.3	<0.5	3.6	<0.5	<0.5	<0.5	3.4	<0.5
Benzene	ug/l	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	ug/l	<1	<1	<1	<1	<1	<1	<1	<1
Ethylbenzene	ug/l	<1	<1	<1	<1	<1	<1	<1	<1
m+p-Xylene	ug/l	<2	<2	<2	<2	<2	<2	<2	<2
o-Xylene	ug/l	<1	<1	<1	<1	<1	<1	<1	<1
TPH	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#52	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.006	<0.005
Polychlorinated biphenyl BZ#101	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.013	<0.005
Polychlorinated biphenyl BZ#118	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#153	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.021	<0.005
Polychlorinated biphenyl BZ#138	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.018	<0.005
Polychlorinated biphenyl BZ#180	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.012	<0.005

ECoS REPORT NO.		081146	Durham Rd
DATE ISSUED		10/07/08	F15285
HOLE NO/SAMPLE ID		TP655A	
SAMPLE DEPTH		2.20m	
SAMPLE NO.		W01	
SAMPLE TYPE			
DATE SAMPLED			
RECEIPT DATE		02/07/08	
OUR REF.		S0807274	
MATRIX		Ground Water	
pH	N/A	8.1	
Phenols HPLC	ug/l	<0.5	
PAH (sum of PAH 17)	ug/l	1.07	
Naphthalene	ug/l	0.05	
Acenaphthylene	ug/l	<0.02	
Acenaphthene	ug/l	<0.02	
Fluorene	ug/l	0.03	
Phenanthrene	ug/l	0.1	
Anthracene	ug/l	0.02	
Fluoranthene	ug/l	0.12	
Pyrene	ug/l	0.11	
Benzo(a)anthracene	ug/l	0.08	
Chrysene	ug/l	0.11	
Benzo(b)+(j)fluoranthene	ug/l	0.17	
Benzo(k)fluoranthene	ug/l	0.05	
Benzo(a)pyrene	ug/l	0.08	
Indeno(1,2,3-cd)pyrene	ug/l	0.07	
Dibenz(a,h)anthracene	ug/l	0.02	
Benzo(g,h,i)perylene	ug/l	0.08	
Arsenic	ug/l	12.3	
Cadmium	ug/l	0.2	
Chromium	ug/l	0.86	
Lead	ug/l	1.5	
Mercury	ug/l	0.03	
Nickel	ug/l	10	
Selenium	ug/l	1.5	
Benzene	ug/l	<1	
Toluene	ug/l	<1	
Ethylbenzene	ug/l	<1	
m+p-Xylene	ug/l	<1	
o-Xylene	ug/l	<1	
TPH	mg/l	0.11	
TPH EC10-EC12	mg/l	<0.01	
TPH EC12-EC16	mg/l	<0.01	
TPH EC16-EC21	mg/l	0.05	
TPH EC21-EC35	mg/l	0.06	

TPH EC35-EC40	mg/l	<0.05	
TPH EC5-EC6	mg/l	<0.01	
TPH EC6-EC8	mg/l	<0.01	
TPH EC8-EC10	mg/l	<0.01	
Polychlorinated biphenyl BZ#28	µg/l	4.7	
Polychlorinated biphenyl BZ#52	µg/l	9.5	
Polychlorinated biphenyl BZ#101	µg/l	5.2	
Polychlorinated biphenyl BZ#118	µg/l	4.1	
Polychlorinated biphenyl BZ#153	µg/l	3.2	
Polychlorinated biphenyl BZ#138	µg/l	5.6	
Polychlorinated biphenyl BZ#180	µg/l	4.9	

Client: **Norwest Holst Ltd - Soil Engineering Div**
Parkside Lane
Dewsbury Road
LEEDS
West Yorkshire
LS11 5SX

FAO: Mr C Wilkinson

Test Report Number: R08/1409

Client Project Name:	**Durham Road, Newport**
Client Project Number:	**F15285**
Your Order Number:	**F15285**
Order Receipt Date:	**08/08/08**
Reporting Date:	**Wednesday 20 August 2008**

If you have any queries regarding this report please contact our Customer Services Section

ECõS Environmental Limited
Low Moor Business Park, Common Road, Bradford BD12 0NB
Tel: 01274 691122 Fax: 01274 608100

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Wednesday 20 August 2008

Comments

All analyses are carried out using the laboratory's standard methods unless otherwise agreed.

The test results in this report refer only to the actual samples on which testing has been performed.

Any opinions and/or interpretations expressed herein are outside the scope of the testing laboratory's UKAS accreditation.

The test report shall not be reproduced, except in full, without the testing laboratory's written approval.

This testing laboratory cannot be held responsible for the condition or suitability of samples submitted for testing by a third party or for the competency of personnel other than its own staff.

This testing laboratory cannot be held responsible for the accuracy of test sample locations or descriptions when supplied by a third party.

Soil Samples

Results are expressed on a dried mass basis. Assisted drying carried out @ 40°C.

See key in Notes section for explanation of numerical categories for asbestos results, if applicable.

All material is crushed if possible after assisted drying. Material which cannot be crushed is removed prior to analysis. See Notes section for details, if applicable.

Samples submitted for leachate determination were prepared using agreed procedures and analysed using UKAS accredited methodology where appropriate.

Results are expressed without correction for recovery factors.

Results marked with a ^{U} are UKAS accredited.

Sample Pretreatment (as listed in method statement)

AD = Assisted drying @ 40°C
R = As Received

Sample Type

B = Bulk disturbed sample
C = Core Sample
D = Small disturbed sample
ES = Environmental Soil Sample
P = Piston sample
U = Undisturbed sample - open drive
W = Water Sample
EW = Environmental Water Sample

Sample Results

\# Analysis not requested
*** Test not completed. Please see notes on last page

Signed: _____

For and on behalf of ECõS Environmental Limited

Approved signatories:

Name	Position
J R Brown	Business Development Manager
L Dewell	Production Manager
J Stoddart	Technical Manager

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Wednesday 20 August 2008

Water Samples

Method Statement

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
pH	pH-meter	R	N/A	No	11/08/08
Phenols	HPLC-EC	R	0.5 ug/l	No	18/08/08
PAH (sum of PAH 17)	GC-MS	R	0.02 ug/l	No	11/08/08
Naphthalene	GC-MS	R	0.02 ug/l	No	11/08/08
Acenaphthylene	GC-MS	R	0.02 ug/l	No	11/08/08
Acenaphthene	GC-MS	R	0.02 ug/l	No	11/08/08
Fluorene	GC-MS	R	0.02 ug/l	No	11/08/08
Phenanthrene	GC-MS	R	0.02 ug/l	No	11/08/08
Anthracene	GC-MS	R	0.02 ug/l	No	11/08/08
Fluoranthene	GC-MS	R	0.02 ug/l	No	11/08/08
Pyrene	GC-MS	R	0.02 ug/l	No	11/08/08
Benzo(a)anthracene	GC-MS	R	0.01 ug/l	No	11/08/08
Chrysene	GC-MS	R	0.01 ug/l	No	11/08/08
Benzo(b)+(j)fluoranthene	GC-MS	R	0.01 ug/l	No	11/08/08
Benzo(k)fluoranthene	GC-MS	R	0.01 ug/l	No	11/08/08
Benzo(a)pyrene	GC-MS	R	0.01 ug/l	No	11/08/08
Indeno(1,2,3-cd)pyrene	GC-MS	R	0.01 ug/l	No	11/08/08
Dibenz(a,h)anthracene	GC-MS	R	0.01 ug/l	No	11/08/08
Benzo(g,h,i)perylene	GC-MS	R	0.01 ug/l	No	11/08/08
Arsenic	ICP-MS	R	0.2 ug/l	No	13/08/08
Cadmium	ICP-MS	R	0.01 ug/l	No	13/08/08
Chromium	ICP-MS	R	0.07 ug/l	No	13/08/08
Lead	ICP-MS	R	0.2 ug/l	No	13/08/08
Mercury	ICP-MS	R	0.02 ug/l	No	13/08/08
Nickel	ICP-MS	R	0.5 ug/l	No	13/08/08
Selenium	ICP-MS	R	0.5 ug/l	No	13/08/08
Benzene	HS-GC-MS	R	1 ug/l	No	19/08/08
Toluene	HS-GC-MS	R	1 ug/l	No	19/08/08
Ethylbenzene	HS-GC-MS	R	1 ug/l	No	19/08/08
m+p-Xylene	HS-GC-MS	R	2 ug/l	No	19/08/08
o-Xylene	HS-GC-MS	R	1 ug/l	No	19/08/08
TPH	GC-FID	R	0.05 mg/l	No	19/08/08
TPH EC10-EC12	GC-FID	R	0.01 mg/l	No	11/08/08
TPH EC12-EC16	GC-FID	R	0.01 mg/l	No	11/08/08
TPH EC16-EC21	GC-FID	R	0.01 mg/l	No	11/08/08
TPH EC21-EC35	GC-FID	R	0.05 mg/l	No	11/08/08
TPH EC35-EC40	GC-FID	R	0.05 mg/l	No	11/08/08
TPH EC5-EC6	HS-GC-FID	R	0.01 mg/l	No	11/08/08
TPH EC6-EC8	HS-GC-FID	R	0.01 mg/l	No	19/08/08
TPH EC8-EC10	HS-GC-FID	R	0.01 mg/l	No	19/08/08
Polychlorinated biphenyl BZ#28	GC-MS	R	0.005 ug/l	Yes	14/08/08
Polychlorinated biphenyl BZ#52	GC-MS	R	0.005 ug/l	Yes	14/08/08

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Wednesday 20 August 2008

Determinand	Method of Detection	Sample Pretreatment	Limit of Detection	Sub-Contracted	Result Date
Polychlorinated biphenyl BZ#101	GC-MS	R	0.005 ug/l	Yes	14/08/08
Polychlorinated biphenyl BZ#118	GC-MS	R	0.005 ug/l	Yes	14/08/08
Polychlorinated biphenyl BZ#153	GC-MS	R	0.005 ug/l	Yes	14/08/08
Polychlorinated biphenyl BZ#138	GC-MS	R	0.005 ug/l	Yes	14/08/08
Polychlorinated biphenyl BZ#180	GC-MS	R	0.005 ug/l	Yes	14/08/08

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Wednesday 20 August 2008

Sample Location / Identification		TP601	TP602	TP603	TP604	TP604A
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type		W	W	W	W	W
Date Sampled		07/08/08	07/08/08	07/08/08	07/08/08	07/08/08
Receipt Date		08/08/08	08/08/08	08/08/08	08/08/08	08/08/08
ECõS Sample ID		S0809004	S0809005	S0809006	S0809007	S0809008
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
pH	N/A	7.0	6.9	6.9	7.0	7.5
Phenols	ug/l	77.7	<0.5	44.7	40.3	12.3
PAH (sum of PAH 17)	ug/l	0.21	0.06	0.17	0.05	0.04
Naphthalene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluorene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Phenanthrene	ug/l	<0.02	<0.02	0.03	<0.02	<0.02
Anthracene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Fluoranthene	ug/l	0.02	<0.02	<0.02	<0.02	<0.02
Pyrene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02
Benzo(a)anthracene	ug/l	0.02	<0.01	<0.01	<0.01	<0.01
Chrysene	ug/l	0.02	<0.01	0.02	<0.01	<0.01
Benzo(b)+(j)fluoranthene	ug/l	0.03	<0.01	0.03	<0.01	<0.01
Benzo(k)fluoranthene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(a)pyrene	ug/l	0.02	<0.01	0.01	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	0.02	<0.01	0.01	<0.01	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	0.02	<0.01	0.02	<0.01	<0.01
Arsenic	ug/l	1.5 U	2.7 U	3.8 U	0.7 U	12.9 U
Cadmium	ug/l	0.30 U	0.03 U	0.23 U	0.27 U	0.02 U
Chromium	ug/l	2.57 U	2.85 U	2.26 U	3.28 U	11.90 U
Lead	ug/l	1.6 U	0.3 U	0.2 U	<0.2 U	<0.2 U
Mercury	ug/l	0.04 U	0.02 U	<0.02 U	<0.02 U	0.02 U
Nickel	ug/l	11.4 U	9.3 U	9.5 U	13.3 U	1.2 U
Selenium	ug/l	1.3 U	<0.5 U	3.6 U	<0.5 U	<0.5 U
Benzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Toluene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
Ethylbenzene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
m+p-Xylene	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
o-Xylene	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
TPH	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Wednesday 20 August 2008

Sample Location / Identification		TP601	TP602	TP603	TP604	TP604A
Top Depth / m						
Bottom Depth / m						
Sample No.						
Sample Type		W	W	W	W	W
Date Sampled		07/08/08	07/08/08	07/08/08	07/08/08	07/08/08
Receipt Date		08/08/08	08/08/08	08/08/08	08/08/08	08/08/08
ECõS Sample ID		S0809004	S0809005	S0809006	S0809007	S0809008
Matrix Type		Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
Determinand	**Units**					
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#52	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#101	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#118	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#153	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#138	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#180	ug/l	<0.005 U	<0.005 U	<0.005 U	<0.005 U	<0.005 U

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Wednesday 20 August 2008

Sample Location / Identification		TP606A	TP607	TP608
Top Depth / m				
Bottom Depth / m				
Sample No.				
Sample Type		W	W	W
Date Sampled		07/08/08	07/08/08	07/08/08
Receipt Date		08/08/08	08/08/08	08/08/08
ECõS Sample ID		S0809009	S0809010	S0809011
Matrix Type		Ground Water	Ground Water	Ground Water
Determinand	**Units**			
pH	N/A	7.4	7.2	7.0
Phenols	ug/l	<0.5	46.6	46.6
PAH (sum of PAH 17)	ug/l	0.03	0.07	0.80
Naphthalene	ug/l	0.08	<0.02	0.20
Acenaphthylene	ug/l	<0.02	<0.02	<0.02
Acenaphthene	ug/l	<0.02	<0.02	0.35
Fluorene	ug/l	<0.02	<0.02	0.09
Phenanthrene	ug/l	<0.02	0.02	0.03
Anthracene	ug/l	<0.02	<0.02	<0.02
Fluoranthene	ug/l	<0.02	<0.02	0.03
Pyrene	ug/l	<0.02	<0.02	0.03
Benzo(a)anthracene	ug/l	<0.01	<0.01	0.01
Chrysene	ug/l	<0.01	<0.01	<0.01
Benzo(b)+(j)fluoranthene	ug/l	<0.01	<0.01	0.03
Benzo(k)fluoranthene	ug/l	<0.01	<0.01	<0.01
Benzo(a)pyrene	ug/l	<0.01	<0.01	<0.01
Indeno(1,2,3-cd)pyrene	ug/l	<0.01	<0.01	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	<0.01	<0.01	0.01
Arsenic	ug/l	11.4 U	2.0 U	1.7 U
Cadmium	ug/l	0.01 U	0.15 U	<0.01 U
Chromium	ug/l	14.68 U	3.34 U	3.35 U
Lead	ug/l	<0.2 U	0.2 U	<0.2 U
Mercury	ug/l	<0.02 U	<0.02 U	<0.02 U
Nickel	ug/l	1.2 U	4.1 U	4.8 U
Selenium	ug/l	<0.5 U	3.4 U	<0.5 U
Benzene	ug/l	<1 U	<1 U	<1 U
Toluene	ug/l	<1 U	<1 U	<1 U
Ethylbenzene	ug/l	<1 U	<1 U	<1 U
m+p-Xylene	ug/l	<2 U	<2 U	<2 U
o-Xylene	ug/l	<1 U	<1 U	<1 U
TPH	mg/l	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01

Client Project Name: Durham Road, Newport

Client: Norwest Holst Ltd - Soil Engineering Div

Project Number: F15285

Reporting Date: Wednesday 20 August 2008

Sample Location / Identification		TP606A	TP607	TP608
Top Depth / m				
Bottom Depth / m				
Sample No.				
Sample Type		W	W	W
Date Sampled		07/08/08	07/08/08	07/08/08
Receipt Date		08/08/08	08/08/08	08/08/08
ECõS Sample ID		S0809009	S0809010	S0809011
Matrix Type		Ground Water	Ground Water	Ground Water
Determinand	**Units**			
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#28	ug/l	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#52	ug/l	<0.005 U	0.006 U	<0.005 U
Polychlorinated biphenyl BZ#101	ug/l	<0.005 U	0.013 U	<0.005 U
Polychlorinated biphenyl BZ#118	ug/l	<0.005 U	<0.005 U	<0.005 U
Polychlorinated biphenyl BZ#153	ug/l	<0.005 U	0.021 U	<0.005 U
Polychlorinated biphenyl BZ#138	ug/l	<0.005 U	0.018 U	<0.005 U
Polychlorinated biphenyl BZ#180	ug/l	<0.005 U	0.012 U	<0.005 U

Client Project Name: Durham Road, Newport

Project Number: F15285

Client: Norwest Holst Ltd - Soil Engineering Div

Reporting Date: Wednesday 20 August 2008

Notes and Preservation Details

PCB analyses undertaken by UKAS laboratory number 1549.

End of Test Report

Appendix K Suspected Leachate Breakout Correspondence

WYG Environment
part of the WYG group

VINCI Construction UK Limited

Glan Usk School, Newport

Remediation Validation Report

Volume 2 of 2

November 2009

5th Floor, Longcross Court, 47 Newport Road, Cardiff, CF24 0AD

Tel: 029 2082 9200

Email: chris.pugh@wyg.com

Hogg, Richard

K107/0100

From: Richards, Geraint [geraint.richards@environment-agency.wales.gov.uk]

Sent: 14 July 2008 14:19

To: Hogg, Richard

Subject: Incident at reen, Glebelands Landfill, Newport

**** This Message Originated From The Internet. Please Be Aware Of Suspicious Attachments And Content ****

Richard,

Further to discussions with Matthew Phillips on Friday, I have received the results of the analysis of material taken from the reen during my visit. There is no evidence of oil in the sample beyond the usual background figure we would expect in a reen of this nature and no evidence of any other contamination.

With regard to the original incident, the discharge appears to have reduced and had little environmental effect on the reen. I'm satisfied that suitable steps have been taken to mitigate the impact of the incident but would advise you to monitor the situation in the future, and I may visit the site for further sampling. Should any further material be evident, or should material appear to be in the watercourse please contact me on the number below.

Regards

Geraint

GERAINT RICHARDS
Swyddog yr Amgylchedd/Environment Officer
Llinell uniongyrchol/Direct dial 02920 582756
Ffâcs uniongyrchol/Direct fax 01600 772202
E-bost uniongyrchol/Direct e-mail geraint.richards@environment-agency.gov.uk

Gall yr wybodaeth yn y neges hon fod yn gyfrinachol, ac yn gyfreithiol freiniol. Os ydych wedi derbyn y neges hon trwy gamgymeriad, rhoddwch wybod ar unwaith i'r sawl a'i gyrrodd, os gwelwch yn dda. Yna dilëwch hi, a pheidiwch â gyrru copi at neb arall.
Bu inni fwrw golwg ar yr e-bost hwn a'i atodiadau, rhag bod feirysau ynddo. Serch hynny, dylech chwilio unrhyw atodiad cyn ei agor.
Efallai bydd rhaid inni ryddhau'r neges hon, ac unrhyw ateb iddi, i sylw'r cyhoedd pe gofynnid inni tan y Ddeddf Rhyddid Gwybodaeth, y Ddeddf Gwarchod Data neu at ddibenion ymgyfreithio. Y mae'n bosib hefyd y darllenir negesau ac atodiadau e-bost a yrrir at unrhyw gyfeiriad Asiantaeth yr Amgylchedd, neu a dderbynnir oddi yno, gan rywun arall na'r gyrrwr a'r derbynnydd. Hynny at ddibenion busnes.
Os ydym wedi gyrru gwybodaeth atoch, a chithau'n dymuno'i defnyddio, yna ddarllenwch ein telerau a'n hamodau, os gwelwch yn dda. Gellir eu cael trwy ein galw ar 08708 506 506. Am ragor o wybodaeth ynghylch Asiantaeth yr Amgylchedd Cymru, ewch at www.asiantaeth-amgylchedd.cymru.gov.uk.
****
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sarah.roberts

From: Wilkinson, Christiaan [Christiaan.Wilkinson@norwest.co.uk]
Sent: 02 July 2008 08:19
To: Phillips, Matthew
Subject: Baseline groundwater Monitoring data
Attachments: R081095.doc; 081095.xls

Matthew,

Please see the attached baseline water monitoring data and samples collected from the Reen (SM1, SM2 and SM3). Unfortunately I do not have the location plan for the collection of samples from the Reen and have assumed them to be as per the WYG proposed sample location plan. For confirmation of the exact locations of the Reen water samples you should speak to Sam Davies.

The good news is there are no PCB's in any of the water samples. The bad news is there is elevated PAH and benzo(a)pyrene in the Reen water samples. The EA and WYG will have some comments to make on the elevated PAH's.

Regards,

Christiaan Wilkinson
Principal Environmental Scientist

Norwest Holst Limited - Soil Engineering Division
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

Tel: 0113 3859138
Fax: 0113 2760472
Email: Christiaan.Wilkinson@norwest.co.uk
Web: www.soil-engineering.co.uk

ECoS REPORT NO.		081156	Durham Rd				
DATE ISSUED		17/07/08	F15285				
HOLE NO/SAMPLE ID		SM01	SM02	SM03	SM04	SM05	SM06
SAMPLE DEPTH							
SAMPLE NO.							
SAMPLE TYPE							
DATE SAMPLED		02/07/08	02/07/08	02/07/08	02/07/08	02/07/08	02/07/08
RECEIPT DATE		03/07/08	03/07/08	03/07/08	03/07/08	03/07/08	03/07/08
OUR REF.		S0807326	S0807327	S0807328	S0807329	S0807330	S0807331
MATRIX		Other Water	Other Water	Other Water	Other Water	Other Water	Other Water
pH	N/A	7.5	8	8	7.7	7.6	7.6
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	0.86	0.31	0.07	0.19	0.1	0.28
Naphthalene	ug/l	<0.02	<0.02	<0.02	0.03	0.03	0.02
Acenaphthylene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Acenaphthene	ug/l	0.02	<0.02	<0.02	0.02	0.02	<0.02
Fluorene	ug/l	<0.02	<0.02	<0.02	<0.02	0.02	0.03
Phenanthrene	ug/l	0.03	0.04	0.03	0.04	0.03	0.06
Anthracene	ug/l	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluoranthene	ug/l	0.03	0.07	0.04	0.04	<0.02	0.05
Pyrene	ug/l	<0.02	0.06	<0.02	0.03	<0.02	0.04
Benzo(a)anthracene	ug/l	<0.01	0.02	<0.01	0.01	<0.01	0.02
Chrysene	ug/l	<0.01	0.03	<0.01	0.01	<0.01	0.02
Benzo(b)+(j)fluoranthene	ug/l	<0.01	0.03	<0.01	0.02	<0.01	0.03
Benzo(k)fluoranthene	ug/l	<0.01	0.02	<0.01	<0.01	<0.01	<0.01
Benzo(a)pyrene	ug/l	<0.01	0.02	<0.01	<0.01	<0.01	0.02
Indeno(1,2,3-cd)pyrene	ug/l	<0.01	0.01	<0.01	<0.01	<0.01	<0.01
Dibenz(a,h)anthracene	ug/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Benzo(g,h,i)perylene	ug/l	<0.01	0.01	<0.01	<0.01	<0.01	<0.01
Arsenic	ug/l	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Cadmium	ug/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chromium	ug/l	1.2	2.2	1.8	2.1	2.6	3.2
Lead	ug/l	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Mercury	ug/l	0.5	0.3	<0.2	<0.2	<0.2	<0.2
Nickel	ug/l	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Selenium	ug/l	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Benzene	ug/l	<1	<1	<1	<1	<1	<1
Toluene	ug/l	<1	<1	<1	<1	<1	<1
Ethylbenzene	ug/l	<1	<1	<1	<1	<1	<1
m+p-Xylene	ug/l	<1	<1	<1	<1	<1	<1
o-Xylene	ug/l	<1	<1	<1	<1	<1	<1
TPH	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC10-EC12	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC12-EC16	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC16-EC21	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC21-EC35	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC35-EC40	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#101	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#118	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#138	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#153	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#180	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#28	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#52	µg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

sarah.roberts

From: Phillips, Matthew [Matthew.Phillips@norwest.co.uk]
Sent: 27 February 2009 14:52
To: sarah.roberts
Cc: rhysm.davies
Subject: Glebelands School Records - Leachate Breakout
Attachments: 2008.07.14.0700.Incident at Reen.tif - 1 - 2008.07.14.0700.Incident at Reen.tif; Baseline groundwater Monitoring data ; Water Test results

Sarah,

I have been reviewing correspondence relating to the leachate breakout for your use in producing the validation report. The incident was reported to the EA on 23rd June 2008 and their local Environment Officer (Geraint Richards) visited site the same day, taking water samples during his visit. I attach an email from Geraint in which he advised there is little cause for concern. We have received no further formal communication from the EA about this matter but they have stated during a telephone conversation that they have closed the file. I also attach two emails from Norwest Holst Soils containing results from water samples taken immediately after the breakout and a week later. All other relevant communications regarding the leachate were either written by or sent to Rhys, so he should already have the information. If you feel you need to obtain any further information from the EA, Geraint Richards' contact details are:

Tel: 02920 582756
Mob: 07900 138293
Email: Geraint.richards@environment-agency.gov.uk

Regards,

Matthew Phillips

Section Engineer
Norwest Holst
Glebelands PFI Newport
Site Office
Bank Street
Glebelands
Newport
NP19 7HF

Tel: 01633 235920
Direct: 01633 235925
Fax: 01633 264764
Mob: 07778 521464

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ECoS REPORT NO.		081095	Durham Road, Newport							
DATE ISSUED		30/06/08	F15285							
HOLE NO/SAMPLE ID		SM1	SM2	SM3	BH604A	BH601	BH602	BH608	BH603	BH604	BH606A
SAMPLE DEPTH											
SAMPLE NO.											
SAMPLE TYPE											
DATE SAMPLED		23/06/08	23/06/08	23/06/08	23/06/08	23/06/08	23/06/08	23/06/08	23/06/08	23/06/08	23/06/08
RECEIPT DATE		24/06/08	24/06/08	24/06/08	24/06/08	24/06/08	24/06/08	24/06/08	24/06/08	24/06/08	24/06/08
OUR REF.		S0806956	S0806957	S0806958	S0806959	S0806960	S0806961	S0806962	S0806963	S0806964	S0806965
MATRIX		Other Water	Other Water	Other Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
pH	N/A	8	8.1	8.2	8.4	7.8	7.6	7.6	7.8	7.5	8
Phenols	ug/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
PAH (sum of PAH 17)	ug/l	14.79	16.81	2.69	0.08	1.18	0.28	0.61	0.17	0.21	<0.08**
Naphthalene	ug/l	0.09	0.06	0.03	0.06	<0.06**	<0.02	0.15	0.02	<0.06**	<0.08**
Acenaphthylene	ug/l	0.06	0.07	<0.02	<0.02	<0.06**	<0.02	<0.02	<0.02	<0.06**	<0.08**
Acenaphthene	ug/l	0.33	0.3	0.11	<0.02	<0.06**	<0.02	0.31	<0.02	<0.06**	<0.08**
Fluorene	ug/l	0.27	0.22	0.09	<0.02	<0.06**	<0.02	0.07	<0.02	<0.06**	<0.08**
Phenanthrene	ug/l	1.09	1.28	0.26	0.02	0.09	0.02	0.03	0.02	0.06	<0.08**
Anthracene	ug/l	0.21	0.22	0.06	<0.02	<0.06**	<0.02	<0.02	<0.02	<0.06**	<0.08**
Fluoranthene	ug/l	2.09	2.44	0.43	<0.02	0.15	0.04	0.03	<0.02	0.06	<0.08**
Pyrene	ug/l	1.61	1.85	0.31	<0.02	0.15	0.03	0.02	<0.02	0.06	<0.08**
Benzo(a)anthracene	ug/l	0.94	1.19	0.16	<0.01	0.09	0.03	<0.01	0.02	<0.03**	<0.04**
Chrysene	ug/l	1.48	1.79	0.25	<0.01	0.12	0.03	<0.01	0.02	<0.03**	<0.04**
Benzo(b)+(j)fluoranthene	ug/l	2.12	2.37	0.31	<0.01	0.18	0.04	<0.01	0.02	<0.03**	<0.04**
Benzo(k)fluoranthene	ug/l	0.7	0.76	0.09	<0.01	0.09	<0.01	<0.01	<0.01	<0.03**	<0.04**
Benzo(a)pyrene	ug/l	1.18	1.39	0.2	<0.01	0.15	0.04	<0.01	0.02	<0.03**	<0.04**
Indeno(1,2,3-cd)pyrene	ug/l	1.03	1.27	0.14	<0.01	0.09	0.03	<0.01	0.02	<0.03**	<0.04**
Dibenz(a,h)anthracene	ug/l	0.48	0.44	0.08	<0.01	<0.03**	<0.01	<0.01	<0.01	<0.03**	<0.04**
Benzo(g,h,i)perylene	ug/l	1.12	1.18	0.18	<0.01	0.09	0.04	<0.01	0.04	<0.03**	<0.04**
Arsenic	ug/l	<2.0*	<2.0*	<2.0*	41.9	<2.0*	4.2	7.6	3.8	<2.0*	19.8
Cadmium	ug/l	<0.1*	0.19	<0.1*	0.19	0.19	0.26	<0.1*	0.18	0.33	0.37
Chromium	ug/l	<0.7*	<0.7*	<0.7*	15.24	<0.7*	1	1.81	1.17	<0.7*	19.58
Lead	ug/l	<2.0*	<2.0*	<2.0*	<2.0*	11.5	13.5	<2.0*	<2.0*	<2.0*	<2.0*
Mercury	ug/l	0.27	<0.2*	<0.2*	<0.2*	<0.2*	<0.2*	<0.2*	<0.2*	<0.2*	<0.2*
Nickel	ug/l	<5.0*	<5.0*	<5.0*	6.8	9.3	11.2	11.9	13.5	145.7	<5.0*
Selenium	ug/l	<5.0*	<5.0*	<5.0*	<5.0*	<5.0*	<5.0*	<5.0*	<5.0*	<5.0*	<5.0*
Benzene	ug/l	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Toluene	ug/l	<1	<1	<1	1	<1	<1	<1	<1	<1	<1
Ethylbenzene	ug/l	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
m+p-Xylene	ug/l	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
o-Xylene	ug/l	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TPH	mg/l	0.19	0.11	<0.05	<0.05	<0.15**	<0.05	<0.05	<0.05	<0.15**	<0.20**
TPH EC10-EC12	mg/l	<0.03**	<0.01	<0.01	<0.01	<0.03**	<0.01	<0.01	<0.01	<0.03**	<0.04**
TPH EC12-EC16	mg/l	<0.03**	<0.01	<0.01	<0.01	<0.03**	<0.01	<0.01	<0.01	<0.03**	<0.04**
TPH EC16-EC21	mg/l	0.03	0.01	<0.01	<0.01	<0.03**	<0.01	<0.01	<0.01	<0.03**	<0.04**
TPH EC21-EC35	mg/l	0.15	0.08	<0.05	<0.05	<0.15**	<0.05	<0.05	<0.05	<0.15**	<0.20**

TPH EC35-EC40	mg/l	<0.15**	<0.05	<0.05	<0.05	<0.15**	<0.05	<0.05	<0.05	<0.15**	<0.20**
TPH EC5-EC6	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC6-EC8	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH EC8-EC10	mg/l	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Polychlorinated biphenyl BZ#101	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#118	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#138	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#153	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#180	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#28	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyl BZ#52	ug/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

Appendix L Waste Transfer Notes and Destruction Certificates

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 28 Nursling Ind. Est.
Furzeon Way
Southampton
SO16 0YJ

Date: 08/01/2009 Ticket No.: SH018256

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NCW/258524
Carrier: Clwyd Transport Services Ltd
Clwyd House
St Peters Street
Wrexham

Vehicle Reg. No.: DD360TU

Weighbridge Operator Name: RBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 03 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 13069

Order No.:

Waste Stream No.: SWC90001

	KG	Tally Roll No.	Date & Time
Gross	34140	017725	08/01/09 06:52
Tare	13260	018872	08/01/09 07:11
Net	20880		

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174760

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

WEIGHBRIDGE TICKET

Site: Shankend Landfill Site Permit/Licence: BR4713

Customer: SHONKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Orlana Way
Southampton
SO16 0YU

Date: 08/01/2009 Ticket No.: SH018857

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOM/260624

Carrier: Lloyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: CU08EWB

Weighbridge Operator Name: JOANNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18070

Order No.:

Waste Stream No.: SU090001

	KG	Tally Roll No.	Date & Time
Gross	31920	017727	08/01/09 07:00
Tare	12000	018873	08/01/09 07:12
Net	19920	Measure : 19.92 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature: K Gibbs

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174761

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as Input
This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

WEIGHBRIDGE TICKET

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Orions Way
Southampton
SO16 0YU

Site: Shortwood Landfill Site Permit/Licence: BR4713

Date: 08/01/2009 Ticket No.: SHO10268

Transaction Type: ACCOUNT
INCOMING

Waste Carrier Reg. No.: NOW/266524
Carrier: Clwyd Transport Services Ltd
Clwyd House
37 Regent Street
Wrexham

Vehicle Reg. No.: PJ52NRU

Weighbridge Operator Name: BSOANES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport LA

Transfer Note No.: 10071

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	32140	017723	08/01/09 07:01
Tare	12920	016874	08/01/09 07:13
Net	19220	Measure : 19.22 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature JFlanagan

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174762

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: SR4/13

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 2E Nursling Ind. Est.
Ordnance Way
Southampton
SO16 0YU

Date: 03/01/2009 Ticket No.: SH018259

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NCW/266624
Carrier: Lloyd Transport Services Ltd
Clive House
57 Regent Street
Windsor

Vehicle Reg. No.: CU51DXN

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newnham UA

Transfer Note No.: 12072

Order No.:

Waste Stream No.: SH0200301

	KG	Tally Roll No.	Date & Time
Gross	32300	017725	03/01/09 07:02
Tare	12120	015873	02/01/09 07:17
Net	20180	Measure 1 20.18 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174763

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input t
This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 28 Nursling Ind. Est.
Ariana Way
Southampton
SO16 0YU

Date: 08/01/2009 Ticket No.: SHC18870

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NDW/256624
Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: DU02JOJ

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 15073

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	32000	017730	08/01/09 07:03
Tare	12140	018876	08/01/09 07:19
Net	19860	Measure : 19.86 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174764

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V.
This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the si

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: [illegible] Site Permit/Licence: [illegible]

Customer: [illegible]

Date: [illegible] Ticket No.: [illegible]

Transaction Type: [illegible]

Waste Carrier Reg. No.: [illegible]

Carrier: [illegible]

Vehicle Reg. No.: [illegible]

Weighbridge Operator Name: [illegible]

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: [illegible]

Waste Description: [illegible]

Source: [illegible]

Transfer Note No.: [illegible]

Order No.:

Waste Stream No.: [illegible]

	KG	Tally Roll No.	Date & Time
Gross	[illegible]	[illegible]	[illegible]
Tare	[illegible]	[illegible]	[illegible]
Net	[illegible]	Maximum = 30.38 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature [illegible]

Driver's Name (Print) [illegible]

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174766

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the sit

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill | Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Orians Way
Southampton
SO16 0YU

Date: 08/01/2009 | Ticket No.: SH0162B3

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NDW/260524
Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: CU04EMB

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport LA

Transfer Note No.: 180773

Order No.:

Waste Stream No.: SW0500001

	KG	Tally Roll No.	Date & Time
Gross	32360	017743	08/01/09 09:04
Tare	11980	010889	08/01/09 09:15
Net	20380	Measure = 20.38 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174777

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as input V
This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the si

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Severnwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCU
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Orlando Way
Southampton
SO16 0YU

Date: 08/01/2009 Ticket No.: SH018254

Transaction Type: ACCOUNT
INCOMING

Waste Carrier Reg. No.: NRW/2666EA
Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: DO56GTU

Weighbridge Operator Name: DARRELS

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport, UK

Transfer Note No.: 18016

Order No.:

Waste Stream No.: SH0300001

	KG	Tally Roll No.	Date & Time
Gross	33980	017744	08/01/09 09:10
Tare	13260	015890	08/01/09 09:21
Net	20720	Measure	20.72 T

Net £
LFT £
VAT £
Gross £

Driver's Signature:

Driver's Name (Print): STUART

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174778

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 364 93 LFT Reg. No. 01576 3538 09000

WEIGHBRIDGE TICKET

Site: Shorlwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCU
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Arisma Way
Southampton
SO16 0YU

Date: 08/01/2009 Ticket No.: SH016256

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NCW/36686/A

Carrier: Clwyd Transport Services Ltd
Clwyd House
27 Regent Street
Rhyl

Vehicle Reg. No.: FJ53NRU

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport LA

Transfer Note No.: 19077

Order No.:

Waste Stream No.: SN090001

	KG	Tally Roll No.	Date & Time
Gross	32120	017746	08/01/09 09:32
Tare	12960	018692	08/01/09 10:03
Net	19160	Measure : 19.16 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174780

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as input

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

WEIGHBRIDGE TICKET

Site: [illegible] Site Permit/Licence: [illegible]

Customer: [illegible]

Date: [illegible] Ticket No.: [illegible]

Transaction Type: [illegible]

Waste Carrier Reg. No.: [illegible]

Carrier: [illegible]

Vehicle Reg. No.: [illegible]

Weighbridge Operator Name: [illegible]

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: [illegible]

Waste Description: [illegible]

Source: [illegible]

Transfer Note No.: [illegible]

Order No.:

Waste Stream No.: [illegible]

	KG	Tally Roll No.	Date & Time
Gross	[illegible]	[illegible]	[illegible]
Tare	[illegible]	[illegible]	[illegible]
Net	[illegible]	[illegible]	[illegible]

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174783

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the si

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

WEIGHBRIDGE TICKET

Site: Sherwood Landfill Site Permit/Licence: BB4712

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 25 Nursling Ind. Est.
Dextans Way
Southampton
SO16 0YU

Date: 08/01/2003 Ticket No.: SH016283

Transaction Type: ACCOUNT
INCOMING

Waste Carrier Reg. No.: NDN/266624
Carrier: Clwyd Transport Services Ltd
Clwyd House
37 Regent Street
Wrexham

Vehicle Reg. No.: CU51BYP

Weighbridge Operator Name: RSANNESS

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport SB

Transfer Note No.: 18078

Order No.:

Waste Stream No.: SWC96001

	KG	Tally Roll No.	Date & Time
Gross	31800	017748	08/01/03 09:56
Tare	12060	016853	08/01/03 10:08
Net	19740	Measure : 19.74 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature T. Green

Driver's Name (Print) T Green

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. © 174781

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Orions Way
Southampton
SU16 0YU

Date: 08/01/2009 Ticket No.: SH018289

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NDW/256624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: DU02JCJ

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UR

Transfer Note No.: 18079

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	32520	017749	08/01/09 09:57
Tare	12040	018894	08/01/09 10:10
Net	20480	Measure : 20.50 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRETREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174782

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as input

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: EB4713

Customer: SHANKSLD
Shanks Waste Management Ltd
Contaminated Land Services
Unit 2F Nursling Ind. Est.
Dreans Way
Southampton
SO16 0YU

Date: 08/01/2009 Ticket No.: SH018301

Transaction Type: ACCOUNT
INCOMING

Waste Carrier Reg. No.: NBW/EB0624
Carrier: Lloyd Transport Services Ltd
Lloyd House
17 Regent Street
Wrexham

Vehicle Reg. No.: DD58STU

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport (P)

Transfer Note No.: 180882

Order No.:

Waste Stream No.: SH050901

	KG	Tally Roll No.	Date & Time
Gross	34140	017761	08/01/09 11:10
Tare	13200	018407	08/01/09 11:20
Net	20940	Measure : 20.94 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print) STUART

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidanc

SECURITY NO. G 174795

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input
This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Orland Way
Southampton
SO16 0YU

Date: 08/01/2009 Ticket No.: SH018304

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/256624

Carrier: Clwyd Transport Services Ltd
Clwyd House
37 Regent Street
Rhyl

Vehicle Reg. No.: CJ08ENB

Weighbridge Operator Name: BSORHSB

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport LA

Transfer Note No.: 18051

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	32550	017764	08/01/09 11:22
Tare	11980	016910	08/01/09 11:36
Net	20380	Measure : 20.38 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174798

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 08/01/2009 Ticket No.: SH018317

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NBN/2536624
Carrier: Clwyd Transport Services Ltd
Clwyd House
37 Regent Street
Wrexham

Vehicle Reg. No.: SJ52NRU

Weighbridge Operator Name: NNLOOSE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 10043

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	32880	017777	08/01/09 12:25
Tare	12700	018954	08/01/09 12:36
Net	20180	Measure : 20.18 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174811

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Site Permit/Licence:

Customer:

Date: Ticket No.:

Transaction Type:

Waste Carrier Reg. No.:

Carrier:

Vehicle Reg. No.:

Weighbridge Operator Name:

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code:

Waste Description:

Source:

Transfer Note No.:

Order No.:

Waste Stream No.:

	KG	Tally Roll No.	Date & Time
Gross			
Tare			
Net			

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174812

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as Input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's representative on arrival at the si

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4712

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 08/01/2009 Ticket No.: SH018319

Transaction Type: ACCOUNT
INCOMING

Waste Carrier Reg. No.: NCW/2658624

Carrier: Lloyd Transport Services Ltd
Lloyd House
37 Regent Street
Swansea

Vehicle Reg. No.: DU02JCJ

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 13054

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	31740	017779	08/01/09 12:36
Tare	11960	018985	08/01/09 12:48
Net	19780	Measure : 19.78 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174813

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V
This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANK020
Shanks Waste Management Ltd
Contaminated Land Services
Unit 32 Nursling Ind. Est.
Grians Way
Southampton
SO16 0YU

Date: 09/01/2009 Ticket No.: SHO18320

Transaction Type: ADDSUM
INCOMING

Waste Carrier Reg. No.: NCV/256624

Carrier: Clwyd Transport Services Ltd
Clwyd House
37 Regent Street
Wrexham

Vehicle Reg. No.: CU51BXN

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UK

Transfer Note No.: 18051

Order No.:

Waste Stream No.: SW050001

	KG	Tally Roll No.	Date & Time
Gross	31800	017780	08/01/09 12:39
Tare	12000	018026	09/01/09 13:40
Net	19000	Measure = 19.80 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174814

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the sit

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

WEIGHBRIDGE TICKET

Site: Sherwood Landfill Site Permit/Licence: BB4712

Customer: SHANK500
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Hursley Ind. Est.
Oriana Way
Southampton.
SO16 0YU

Date: 08/01/2009 Ticket No.: 0901331

Transaction Type: ACCOUNT

TNT0M1NW

Waste Carrier Reg. No.: NCW/253624

Carrier: Cloyd Transport Services Ltd
Cloyd House
37 Regent Street
Wrexham

Vehicle Reg. No.: DD56STU

Weighbridge Operator Name: MMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport LA

Transfer Note No.: 18027

Order No.:

Waste Stream No.: SHS50003

	KG	Tally Roll No.	Date & Time
Gross	34400	017791	08/01/09 13:55
Tare	13160	018537	08/01/09 14:03
Net	21240	Measure 2 21.24 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print) STUART

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174825

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input v
This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shorbwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 08/01/2009 Ticket No.: SHO18322

Transaction Type: ACCOUNT
INCOMING

Waste Carrier Reg. No.: NDW/260624
Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: CU09EWS

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UP

Transfer Note No.: 18058

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	32260	017782	08/01/09 14:00
Tare	11920	018038	08/01/09 14:10
Net	20340	Measure : 20.34 Tn	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevent guidance

SECURITY NO. G 174826

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input t
This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: CHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Orlando Way
Southampton
SO15 0YZ

Date: 08/01/2009 Ticket No.: SHO18336

Transaction Type: ACCOUNT
INCOMING

Waste Carrier Reg. No.: NDW/256684
Carrier: Clwyd Transport Services Ltd
Clwyd House
37 Regent Street
Rhyhon

Vehicle Reg. No.: PJ53NRU

Weighbridge Operator Name: NKOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Pavement UP

Transfer Note No.: 18083

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	31760	017796	08/01/09 14:28
Tare	12660	018962	08/01/09 14:43
Net	19100	Measure : 19.10 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174830

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as Input V.
This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the si

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shartwood Landfill Site Permit/Licence: AR4713

Customer: SHANKSED
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Dolans Way
Southampton
SO16 0YU

Date: 08/01/2009 Ticket No.: SHO18337

Transaction Type: SZSOLS1

INCOMING

Waste Carrier Reg. No.: NCW/2500624
Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: DU08JDJ

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code:
17 05 04

Waste Description:
Contaminated soil

Source: Newport UA

Transfer Note No.: 15090

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	32480	017197	08/01/09 14:35
Tare	11940	018043	08/01/09 14:50
Net	20540	Measure = 20.54 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174831

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V
This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shorbwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Navelins Ind. Est.
Orians Way
Southampton
SO15 0YU

Date: 08/01/2009 Ticket No.: SH19385

Transaction Type: ACCOUNT
INCOMING

Waste Carrier Reg. No.: NCW/M4864

Carrier: Clwyd Transport Services Ltd
Clwyd House
27 Regent Street
Ruthin

Vehicle Reg. No.: CU51BKN

Weighbridge Operator Name: MOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport LA

Transfer Note No.: 13091

Order No.:

Waste Stream No.: SK090001

	KG	Tally Roll No.	Date & Time
Gross	32620	017798	08/01/09 14:36
Tare	12020	018946	08/01/09 14:51
Net	20600	Measure : 20.60 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature T. Gale

Driver's Name (Print) T. Gale

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174832

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as Input V
This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the Si

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Site Permit/Licence:

Customer:

Date: Ticket No.:

Transaction Type:

Waste Carrier Reg. No.:

Carrier:

Vehicle Reg. No.:

Weighbridge Operator Name:

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code:

Waste Description:

Source:

Transfer Note No.:

Order No.:

Waste Stream No.:

	KG	Tally Roll No.	Date & Time
Gross			
Tare			
Net			

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174838

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as input V
This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the sit

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

ENVIRONMENTA

WEIGHBRIDGE TICKET

Customer: SHANKCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Hamilton Ind. Est.
Orcadia Way
Southampton
SO16 0YU

Site: Sherwood Landfill Site Permit/Licence: BR4713

Date: 08/01/2009 Ticket No.: SI018345

Transaction Type: ACCOUNT
INCOMING

Waste Carrier Reg. No.: NDW/ESW024
Carrier: Clwyd Thomson Services Ltd
Clwyd House
67 Regent Street
Rhyl

Vehicle Reg. No.: MX56ETG

Weighbridge Operator Name: KMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soils

Source: Rewcen UK

Transfer Note No.: 18057

Order No.:

Waste Stream No.: SWS4003

	KG	Tally Roll No.	Date & Time
Gross	35180	017806	08/01/09 15:43
Tare	13120	018051	08/01/09 15:56
Net	22060	Measure 1 22.06 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature:

Driver's Name (Print): STUART

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174839

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Brentwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Orpine Way
Southampton
SO16 0YU

Date: 08/01/2009 Ticket No.: BH013547

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NCW/2656024

Carrier: Clewd Transport Services Ltd
Clewd House
57 Regent Street
Windsor

Vehicle Reg. No.: CU06EWD

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Network SW

Transfer Note No.: 19024

Order No.:

Waste Stream No.: SW050001

	KG	Tally Roll No.	Date & Time
Gross	32560	017807	08/01/09 15:01
Tare	11800	015953	08/01/09 16:02
Net	20760	Measure : 20.76 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174841

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as input V.
This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the si

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: CORY TEMP
Cory Temp Account

Date: 07/01/2009 Ticket No.: SH0122201

Transaction Type: ACCOUNT

Waste Carrier Reg. No.: NDW/258624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Mrehan

Vehicle Reg. No.: DL02JCJ

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 20 03 01

Waste Description: Mixed plastic/wood/paper etc.

Source: Newport UA

Transfer Note No.: 12062

Order No.:

Waste Stream No.: DIRECT

	KG	Tally Roll No.	Date & Time
Gross	32120	017527	07/01/09 10:12
Tare	11960	017528	07/01/09 10:34
Net	20160	Measure : 20.16 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print) [illegible]

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174691

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input
This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Charlwood Landfill Site Permit/Licence: BR4713

Customer: CORYTEMP
Cory Temp Account

Date: 07/01/2009 Ticket No.: SH016203

Transaction Type: ACCOUNT

Waste Carrier Reg. No.: NDW/RGB624
Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: DJ08EWD

Weighbridge Operator Name: SBORNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 20 03 01

Waste Description: Direct plastic/wood/paper etc.

Source: Newport UA

Transfer Note No.: 18053

Order No.:

Waste Stream No.: DIRECT

	KG	Tally Roll No.	Date & Time
Gross	22600	017629	07/01/09 10:19
Tare	11820	017640	07/01/09 10:38
Net	10780	Measure : 20.78 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174692

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the si

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: CORYTEMP
Cory Temp Account

Date: 07/01/2009 Ticket No.: SHO18204

Transaction Type: ACCOUNT

Waste Carrier Reg. No.: NDW/255524

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: PJ53NRU

Weighbridge Operator Name: DBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 20 03 01

Waste Description: Direct plastic/wood/paper etc.

Source: Newport LA1

Transfer Note No.: 18034

Order No.:

Waste Stream No.: DIRECT

	KG	Tally Roll No.	Date & Time
Gross	32380	017630	07/01/09 10:20
Tare	12640	017641	07/01/09 10:39
Net	19740	Measure : 19.74 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature S Hannett

Driver's Name (Print) S HANNETT

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174693

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V
This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the si

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: CORYTEMP
Cory Temp Account

Date: 07/01/2009 Ticket No.: 3401S205

Transaction Type: ACCOUNT

Waste Carrier Reg. No.: NDW/968824

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Urchan

Vehicle Reg. No.: CU51BXN

Weighbridge Operator Name: BWARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 20 03 01

Waste Description: Street plastic/wood/paper etc.

Source: Newport LA

Transfer Note No.: 14595

Order No.:

Waste Stream No.: DIRECT

	KG	Tally Roll No.	Date & Time
Gross	32300	017631	07/01/09 10:21
Tare	12020	017646	07/01/09 10:46
Net	20280	Measure : 20.28 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature: T. Graham

Driver's Name (Print): T. Graham

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidanc

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as input

SECURITY NO. G 174694

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
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VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: CORYTEMP
Cory Temp Account

Date: 07/01/2009 Ticket No.: SHO18206

Transaction Type: ACCOUNT

Waste Carrier Reg. No.: NCW/263624
Carrier: Clwyd Transport Services Ltd
Clwyd House
37 Regent Street
Wrexham

Vehicle Reg. No.: 00569 U

Weighbridge Operator Name: BHARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 20 03 01

Waste Description: Street plastic/wood/paper etc.

Source: Newport UA

Transfer Note No.: 18051

Order No.:

Waste Stream No.: DIRECT

	KG	Tally Roll No.	Date & Time
Gross	32640	017633	07/01/09 10:25
Tare	13160	017645	07/01/09 10:45
Net	20480	Measure : 20.48 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature:

Driver's Name (Print):

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. @ 174695

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

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CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Snarkhead Landfill Site Permit/Licence: [illegible]

Customer: CORY LEAD
Cory Teas Account

Date: 07/01/2009 Ticket No. [illegible]

Transaction Type: DISPOSAL

Waste Carrier Reg. No.: [illegible]

Carrier: Lloyd Transport Services Ltd
Lloyd House
27 Market Street
Wrexham

Vehicle Reg. No.: FX03 [illegible]

Weighbridge Operator Name: [illegible]

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 20 03 01

Waste Description: [illegible]

Source: [illegible]

Transfer Note No.: [illegible]

Order No.:

Waste Stream No.: [illegible]

	KG	Tally Roll No.	Date & Time
Gross	32420	C1/6535	07/01/09 11:09
Tare	11500	017561	07/01/09 11:51
Net	20920	Measure = 20.92 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature M Preston

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174704

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as input VAT
This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the site

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

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Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Orlana Way
Southampton
SO16 0YU

Date: 07/01/2009 Ticket No.: SH013028

Transaction Type: ACCOUNT
INCOMING

Waste Carrier Reg. No.: NBU/268624
Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: DU03JCJ

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18057

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	32740	017682	07/01/09 12:34
Tare	11940	017680	07/01/09 12:49
Net	20800	Measure : 20.80 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174722

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input v

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHENKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Orlans Way
Southampton
SO16 0YU

Date: 07/01/2009 Ticket No.: SH018231

Transaction Type: ACCOUNT
INCOMING

Waste Carrier Reg. No.: NCW/263684
Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: DJ52NRU

Weighbridge Operator Name: MMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18059

Order No.:

Waste Stream No.: SN090003

	KG	Tally Roll No.	Date & Time
Gross	31860	017685	07/01/09 12:44
Tare	13620	017691	07/01/09 12:57
Net	18240	Measured 18.24 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174724

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as input

This transaction is subject to Cory Environmental (Gloucestery Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel:01785 251555 Fax 01785 251666

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Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Orland Way
Southampton
SO16 0YD

Site: Stoneyard Landfill Site Permit/Licence: BA713

Date: 07/01/2009 Ticket No.: SH018283

Transaction Type: ACCOUNT
INCOMING

Waste Carrier Reg. No.: NCW/266624
Carrier: Lloyd Transport Services Ltd
Lloyd House
37 Recent Street
Wrexham

Vehicle Reg. No.: CU61BXN

Weighbridge Operator Name: MARTINE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UD

Transfer Note No.: 18050

Order No.:

Waste Stream No.: SW090701

	KG	Tally Roll No.	Date & Time
Gross	32100	017687	07/01/09 12:47
Tare	12040	017692	07/01/09 13:00
Net	20060	Measure = 20.06 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevent guidance.

SECURITY NO. G 174725

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the sit

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as Input VA

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

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VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shustoke Landfill Site Permit/Licence: BP4713

Customer: SHANK900
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO15 0YU

Date: 07/01/2009 Ticket No.: SN018234

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NDW/258624
Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Rhyl

Vehicle Reg. No.: CD56SFU

Weighbridge Operator Name: MAGUIRE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport (S)

Transfer Note No.: 18561

Order No.:

Waste Stream No.: SW030001

	KG	Tally Roll No.	Date & Time
Gross	32880	017690	07/01/09 12:53
Tare	13060	013840	07/01/09 13:06
Net	19820	Measure = 19.82 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature:

Driver's Name (Print): STUART

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174728

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

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VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BS4713

Customer: SHANKSCO

Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Dylans Way
Southampton
SO16 0YL

Date: 07/01/2009 Ticket No.: SHO18235

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NCW/868624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: CU08EW2

Weighbridge Operator Name: MMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UK

Transfer Note No.: LA058

Order No.:

Waste Stream No.: SU020001

	KG	Tally Roll No.	Date & Time
Gross	32580	017698	07/01/09 13:09
Tare	11840	010845	07/01/09 13:22
Net	20740	Measure : 20.74T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174733

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as input V

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WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: [illegible]

Customer: [illegible]

Date: 07/01/2009 Ticket No.: [illegible]

Transaction Type: [illegible]

Waste Carrier Reg. No.: [illegible] Vehicle Reg. No.: [illegible]

Carrier: [illegible]

Weighbridge Operator Name: [illegible]

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: [illegible]

Waste Description: [illegible]

Source: [illegible]

Transfer Note No.: [illegible]

Order No.:

Waste Stream No.: [illegible]

	KG	Tally Roll No.	Date & Time
Gross	[illegible]	[illegible]	07/01/09 15:56
Tare	11280	[illegible]	07/01/09 [illegible]
Net	[illegible]	Manual = 30.04 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature [illegible]

Driver's Name (Print) [illegible]

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174742

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as input VA

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the sit

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Customer: SHANKSCD
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Orions Way
Southampton
SO17 0YD

Site: Shortwood Landfill Site Permit/Licence: BN4713

Date: 07/01/2009 Ticket No.: SH018858

Transaction Type: ACCOUNT
INCOMING

Waste Carrier Reg. No.: NPW/250524
Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: S036STU

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UK

Transfer Note No.: 18858

Order No.:

Waste Stream No.: SW0900001

	KG	Tally Roll No.	Date & Time
Gross	33320	017716	07/01/09 14:50
Tare	13120	018858	07/01/09 15:00
Net	20200	Measure : 20.20 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174750

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as Input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on behalf of the se

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

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Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shorkwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 07/01/2009 Ticket No.: SH0182559

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NDW/CBB624
Carrier: Clwyd Transport Services Ltd
Clwyd House
37 Regent Street
Wrexham

Vehicle Reg. No.: CU05EWB

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport (M)

Transfer Note No.: 18065

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	31640	017719	07/01/09 15:03
Tare	11880	018065	07/01/09 15:15
Net	19760	Measure 1 19.76 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174753

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

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Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

WEIGHBRIDGE TICKET

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Site: Bullwood Landfill Site Permit/Licence: BRA/13

Date: 07/01/2009 Ticket No.: SHO13262

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NDW/265524
Carrier: Clwyd Transport Services Ltd
Clwyd House
97 Regent Street
Wrexham

Vehicle Reg. No.: CU51BXN

Weighbridge Operator Name: MMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 13056

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	32800	017722	07/01/09 15:29
Tare	12020	016869	07/01/09 15:43
Net	20780	Measure 1 PC /0.1	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174757

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the si

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as input V

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKS00
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southamton.
SO16 0YU

Date: 07/01/2009 Ticket No.: SNO18253

Transaction Type: ACCOUNT
INCOMING

Waste Carrier Reg. No.: NDW/256864

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: PJ53NRU

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 13054

Order No.:

Waste Stream No.: SNO90091

	KG	Tally Roll No.	Date & Time
Gross	32120	017723	07/01/09 13:29
Tare	12600	013059	07/01/09 15:41
Net	19520	Measure : 19.52 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174756

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the sit

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

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Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Customer: SHANKS00
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Orlana Way
Southampton
SO16 0YU

Site: Shortwood Landfill Site Permit/Licence: AR4713

Date: 07/01/2009 Ticket No.: SH018264

Transaction Type: ACCOUNT
INCOMING

Waste Carrier Reg. No.: NDW/206524
Carrier: Clwyd Transport Services Ltd
Clwyd House
37 Regent Street
Rhuthun

Vehicle Reg. No.: BU08JCJ

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18057

Order No.:

Waste Stream No.: SH090001

	KG	Tally Roll No.	Date & Time
Gross	32580	017724	07/01/09 15:30
Tare	11920	018870	07/01/09 15:44
Net	20660	Measure 1 20.66 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174758

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as input VA

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the sit

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

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Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: [illegible] Site Permit/Licence: [illegible]

Customer: [illegible]

Date: [illegible] Ticket No.: [illegible]

Transaction Type: [illegible]

Waste Carrier Reg. No.: [illegible]

Carrier: [illegible]

Vehicle Reg. No.: [illegible]

Weighbridge Operator Name: [illegible]

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: [illegible]

Waste Description: [illegible]

Source: [illegible]

Transfer Note No.: [illegible]

Order No.:

Waste Stream No.: [illegible]

	KG	Tally Roll No.	Date & Time
Gross	[illegible]	[illegible]	[illegible]
Tare	[illegible]	[illegible]	[illegible]
Net	[illegible]		

Net £
LFT £
VAT £
Gross £

Driver's Signature [illegible]

Driver's Name (Print) [illegible]

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. @ 174759

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input VAT
This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the site

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 OYU

Date: 15/01/2009 Ticket No.: SH018618

Transaction Type: ACCOUNT
INCOMING

Waste Carrier Reg. No.: NOW/268624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: DO56STU

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18131

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	34960	018077	15/01/09 06:58
Tare	13260	019230	15/01/09 07:25
Net	21700	Measure : 21.70 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print) STUART

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 175117

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 14/01/2009 Ticket No.: SH018563

Transaction Type: ACCOUNT
INCOMING

Waste Carrier Reg. No.: NDW/268624
Carrier: Clwyd Transport Services Ltd
Clwyd House
37 Regent Street
Wrexham

Vehicle Reg. No.: 0056STU

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18124

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	34480	018022	14/01/09 06:58
Tare	13320	019173	14/01/09 07:09
Net	21160	Measure : 21.16 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print) STUART.

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 175060

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the site

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input VA

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 14/01/2009 Ticket No.: SH018579

Transaction Type: ACCOUNT
INCOMING

Waste Carrier Reg. No.: NOW/268624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: BU05FSA

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18126

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	33560	018038	14/01/09 09:54
Tare	11920	019189	14/01/09 10:12
Net	21640	Measure : 21.64 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print) A.N. ROFFEY

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 175077

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the sit

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input VA

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 14/01/2009 Ticket No.: SHO18581

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NCW/258624
Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: 0056STU

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18125

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	35240	018040	14/01/09 10:19
Tare	13300	019191	14/01/09 10:34
Net	21940	Measure : 21.94 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature:

Driver's Name (Print): STUART

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 175079

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the si

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 14/01/2009 Ticket No.: SH018602

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: DO56STU

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18127

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	35520	018061	14/01/09 13:37
Tare	13240	019212	14/01/09 13:53
Net	22280	Measure : 22.28 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print) STUART.

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 175100

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as Input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the sit

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 14/01/2009 Ticket No.: SH018603

Transaction Type: ACCOUNT
INCOMING

Waste Carrier Reg. No.: NOW/256624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: BU05FBA

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UP

Transfer Note No.: 18128

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	34300	018062	14/01/09 13:38
Tare	11900	019214	14/01/09 13:56
Net	22400	Measure : 22.40 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print) A K Rooney

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 175102

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input VA

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the sit

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 14/01/2009 Ticket No.: SH018616

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624
Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: 00569TU

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18129

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	33620	018075	14/01/09 15:43
Tare	13200	019227	14/01/09 15:54
Net	20420	Measure : 20.42 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print) STUART.

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 175114

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the si

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southamaton
SO16 0YU

Date: 14/01/2009 Ticket No.: SH018617

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NCW/2688524

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: BU05FSA

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18130

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	34440	018076	14/01/09 15:51
Tare	11840	019228	14/01/09 16:05
Net	22600	Measure : 22.60 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print) AKIGORE1

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 175115

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the si

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 13/01/2009 Ticket No.: SH018503

Transaction Type: ACCOUNT
INCOMING

Waste Carrier Reg. No.: NOW/268624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: 0056STU

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18118

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	36080	017962	13/01/09 06:58
Tare	13140	019112	13/01/09 07:12
Net	22940	Measure : 22.94 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature:

Driver's Name (Print): STUART

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174999

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the si

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 13/01/2009 Ticket No.: SHO18521

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624
Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: BU05FSA

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18119

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	33220	017980	13/01/09 09:45
Tare	11900	019131	13/01/09 10:04
Net	21320	Measure : 21.32 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print) Ark Ruffley

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 175018

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input VA

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the sit

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 13/01/2009 Ticket No.: SHO18522

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: 00568TU

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18120

Order No.:

Waste Stream No.: SWO90001

	KG	Tally Roll No.	Date & Time
Gross	35360	017981	13/01/09 09:47
Tare	13220	019130	13/01/09 10:00
Net	22140	Measure : 22.14 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature:

Driver's Name (Print): STUART.

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 175017

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input VA

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the si

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 13/01/2009 Ticket No.: SH018535

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: 0056STU

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18121

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	35040	017994	13/01/09 11:46
Tare	13200	019144	13/01/09 12:04
Net	21840	Measure : 21.84 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print) STUART

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 175032

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 13/01/2009 Ticket No.: SH018537

Transaction Type: ACCOUNT
INCOMING

Waste Carrier Reg. No.: NOW/2658624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: BU05FSA

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18122

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	33740	017996	13/01/09 11:50
Tare	11880	019145	13/01/09 12:05
Net	21860	Measure : 21.86 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print) ANDOFFEY

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 175033

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 13/01/2009 Ticket No.: SH018559

Transaction Type: ACCOUNT (REPRINT)
INCOMING

Waste Carrier Reg. No.: NOW/268624
Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: BU05FSA

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18123

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	33240	018018	13/01/09 14:52
Tare	11780	019168	13/01/09 15:08
Net	21460	Measure : 21.46 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print) AN ROFFEY

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 175056

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the si

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 OYU

Date: 12/01/2009 Ticket No.: SH018465

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: 00566TU

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18109

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	33740	017923	12/01/09 10:25
Tare	13260	019072	12/01/09 10:41
Net	20480	Measure : 20.48 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print) STUART

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174961

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 12/01/2009 Ticket No.: SH018480

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NDW/268624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: 00565TU

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18116

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	34120	017938	12/01/09 12:58
Tare	13320	019087	12/01/09 13:08
Net	20800	Measure : 20.80 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print) STUART

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174976

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

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Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 OYU

Date: 12/01/2009 Ticket No.: SHO18499

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: OO56STU

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18117

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	34940	017958	12/01/09 14:58
Tare	13180	019108	12/01/09 15:11
Net	21760	Measure : 21.76 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature:

Driver's Name (Print): STUART

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174995

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 11/03/2009 Ticket No.: SH020848

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: CN55BUA

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18152

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	31860	020325	11/03/09 15:07
Tare	12580	021480	11/03/09 15:25
Net	19280	Measure : 19.28 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 197381

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input VA

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the sit

Duty of Care - Waste Transfer Note

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Shanks Waste Management Limited
Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER **S** 18152

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST, BANK STREET, NEWPORT, NP19 4HF
2. Address of Transfer (Collection Point) AS ABOVE.
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T

Signature [signature] Date 11/03/09
Time 2.15pm

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB.
3. Vehicle Registration CX55 BUA
4. On behalf of Waste Carrier, Name

Signature [signature] Date 11-3-09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN.
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

Shortwood Landfill Site
North Cattybrook Lane
Shortwood, Bristol
BS16 9NN
Tel: 01179 371070
Permit No BR4713

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Registered in England No. 2393309
Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY (File)

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 11/03/2009 Ticket No.: SH020803

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: CN55BUA

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18150

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	32000	020280	11/03/09 08:55
Tare	12660	021434	11/03/09 09:07
Net	19340	Measure : 19.34 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 197336

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input VA

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the sit

Duty of Care - Waste Transfer Note

Shanks Waste Management Limited
Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

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TICKET NUMBER S 18[illegible]59

SECTION A – DESCRIPTION OF THE WASTE

1. Description [illegible]
2. EWC Code 17 05 04
3. Container Type [illegible]
4. Quantity [illegible]

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address [illegible]
2. Address of Transfer (Collection Point) As Above
3. On behalf of Producer, Name [illegible]
4. Quantity [illegible]

Signature

Date

Time

SECTION C – WASTE CARRIER

1. Carrier Address [illegible]
2. Registered Carrier Number [illegible]
3. Vehicle Registration
4. On behalf of Waste Carrier, Name

Signature

Date

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address [illegible]
2. Site Licence Number [illegible]
3. On behalf of Disposer

Signature

Permit

Please note: All services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of Contract

Registered in England No. 2393309
Registered Office as above
VAT Reg No. 259 5477 13

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WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 11/03/2009 Ticket No.: SH020816

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: CN55BUA

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18151

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	31860	020293	11/03/09 11:06
Tare	12640	021446	11/03/09 11:20
Net	19220	Measure : 19.22 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 197348

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as Input VA

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the sit

Duty of Care - Waste Transfer Note

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Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18151

SECTION A – DESCRIPTION OF THE WASTE

1. Description Non Hazardous Contam Soil [SW090001]
2. EWC Code 17 05 04
3. Container Type Rigid 8WTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address Norwest Holst % Landclean Bank Street, Glebelands, Newport, NP19 7HF.
2. Address of Transfer (Collection Point) As Above
3. On behalf of Producer, Name M. Phillips
4. Quantity 20T NETT

Signature M. P.

Date 11/03/09
Time 10.15 Am

SECTION C – WASTE CARRIER

1. Carrier Address Clwyd Transport LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration GN55BUA
4. On behalf of Waste Carrier, Name

Signature

Date 11-3-09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address Shortwood Landfill, Cattybrook Lane, Shortwood, Bristol BS16 9NN.
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature

Date

Shortwood Landfill Site
North Cattybrook Lane
Shortwood, Bristol
BS16 9NN
Tel 01179 371070
Permit No BR4713

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Registered in England No. 2393309
Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY (File)

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

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Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 10/03/2009 Ticket No.: SH020743

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: CN55BUA

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18143

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	31440	020220	10/03/09 09:39
Tare	12660	021374	10/03/09 09:51
Net	18780	Measure : 18.78 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 197274

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input VA

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the site

Duty of Care - Waste Transfer Note

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Shanks Waste Management Limited
Dumedia House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18143

SECTION A – DESCRIPTION OF THE WASTE

1. Description Non Hazardous Contam Soil [SW090001]
2. EWC Code 17 05 04
3. Container Type Rigid 8WTV
4. Quantity 20T Nett

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address Norwest Holt [illegible] Bank Street, Kidsgrove, Nr Stoke, ST7 1HE
2. Address of Transfer (Collection Point) As Above
3. On behalf of Producer, Name M Bunn
4. Quantity 20T Nett

Signature D. [illegible] Date 21/3/19 Time 8.30am

SECTION C – WASTE CARRIER

1. Carrier Address Lloyd Transport LL11 1PF
2. Registered Carrier Number NBW/268624/CB
3. Vehicle Registration CN55 BUA
4. On behalf of Waste Carrier, Name

Signature Date

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address Shortwood Landfill Site, North Canybrook Lane, Shortwood, Bristol, BS16 9NN
2. Site Licence Number BR4715
3. On behalf of Disposal Operator, Name

Signature Date

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V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 10/03/2009 Ticket No.: SH020761

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: CN55BUA

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18146

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	32060	020238	10/03/09 11:50
Tare	12640	021392	10/03/09 12:01
Net	19420	Measure : 19.42 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 197292

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as Input VA

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the sit

Duty of Care - Waste Transfer Note

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Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18146

SECTION A – DESCRIPTION OF THE WASTE

1. Description
2. EWC Code
3. Container Type
4. Quantity

SECTION C – WASTE CARRIER

1. Carrier Address
2. Registered Carrier Number
3. Vehicle Registration
4. On behalf of Waste Carrier, Name

Signature Date

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address
2. Address of Transfer (Collection Point)
3. On behalf of Producer, Name
4. Quantity

Signature Date
Time

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address
2. Site Licence Number
3. On behalf of Disposal Operator

Signature Date

Shortwood Landfill
Cattybrook
Bristol
Tel 0117 9 37
Permit No BR

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Registered in England No. 2393309
Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 10/03/2009 Ticket No.: SH020785

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624
Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wreham

Vehicle Reg. No.: CN55BUA

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18149

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	31780	020262	10/03/09 14:41
Tare	12600	021417	10/03/09 15:09
Net	19180	Measure : 19.18 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 197319

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input VA

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the site

Duty of Care - Waste Transfer Note

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Shanks Waste Management Limited
Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18149

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS [illegible]
2. EWC Code 17 05 04
3. Container Type R10.0 8mTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOUSE [illegible]
2. Address of Transfer (Collection Point) As Above
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [illegible] Date 10/3/07
Time 1.57pm

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT
2. Registered Carrier Number NOW/263 24/CB
3. Vehicle Registration [illegible]
4. On behalf of Waste Carrier, Name

Signature [illegible] Date [illegible]

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL [illegible]
2. Site Licence Number [illegible]
3. On behalf of Disposal Operator [illegible]

Signature N. Hanford

Shortwood Landfill
North Cat[illegible]
Shortwood, Bri[illegible]
Tel: 01179 37[illegible]07

Please note: All services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of [illegible]
Registered in England No. 2393309
Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY [illegible]

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 OYU

Date: 10/03/2009 Ticket No.: SH020739

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wreham

Vehicle Reg. No.: CN56FKT

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18142

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	31440	020216	10/03/09 09:19
Tare	12780	021370	10/03/09 09:32
Net	18660	Measure : 18.66 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 197270

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input VA

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the sit

Duty of Care - Waste Transfer Note

Shanks Waste Management Limited
Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

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TICKET NUMBER S 18142

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID BWTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST T/A LANDSCAPE BANK STREET, BURTONLATIMER NORTHANTS, NN9 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 10/3/09
Time 8.10AM

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CN56 FKT
4. On behalf of Waste Carrier, Name

Signature [signature] Date 10-3-09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 7NH
2. Site Licence Number

Shortwood Landfill Site
North Cattybrook Lane
Shortwood, Bristol
BS16 9NH
Tel: 0117 937 6070
Permit No BR4713

3. On behalf of Disposal Operator Name

Signature Date

Please note: All services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of Business
Registered in England No. 2393309
Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 10/03/2009 Ticket No. SH020759

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: CN56FKT

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18145

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	30600	020236	10/03/09 11:47
Tare	12720	021391	10/03/09 12:00
Net	17880	Measure : 17.88 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature:

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 197291

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input VA

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the sit

Duty of Care - Waste Transfer Note

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Shanks Waste Management Limited
Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18145

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON-HAZARDOUS CONTAM SOIL [SHARWOOD]
2. EWC Code 17 05 04
3. Container Type ROLL BWV
4. Quantity 28t NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEGIAN HOUSE 30 LANDCROSS BANK STREET, BLACKLANDS, NEWPORT, NP19 4HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 28t NETT

Signature [signature] Date 10.3.09 Time 10.40Am

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF.
2. Registered Carrier Number NCW/202624/CB
3. Vehicle Registration CN54 FRT
4. On behalf of Waste Carrier, Name

Signature [signature] Date 10-3-09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHARPWOOD LANDFILL SITE, CATTYBROOK LANE, SHARPWOOD, BRISTOL
2. Site Licence Number BR4713
3. On behalf of Disposal Operator

Signature Date

Landfill Site
Cattybrook Lane
Bristol
tel: 01 371070
Permit No BR4713

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V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 10/03/2009 Ticket No.: SH020784

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: CN56FKT

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18148

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	30820	020261	10/03/09 14:40
Tare	12720	021416	10/03/09 15:08
Net	18100	Measure : 18.10 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 197318

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input VA

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the sit

Duty of Care - Waste Transfer Note

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Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18148

SECTION A – DESCRIPTION OF THE WASTE

1. Description Non Hazardous Common Soil [SW090001]
2. EWC Code 17 05 04
3. Container Type Road SWLV
4. Quantity 20t NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address Bank Station Work Mill Yard
2. Address of Transfer (Collection Point) As Above
3. On behalf of Producer, Name
4. Quantity 20t NETT

Date 10/03/09
Time 13:30

Signature

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LLAI IPF 151
2. Registered Carrier Number NOW/288634/EC
3. Vehicle Registration CN54 FKT
4. On behalf of Waste Carrier, Name

Signature Date 10/3/09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address Shortwood Landfill Site, Shortwood Lane, Shortwood, Bristol
2. Site Licence Number
3. On behalf of Disposal Operator

Shortwood Landfill Site
North Carrybrook Limited
Shortwood, Bristol
BS16 9NN
Tel: 0117 [illegible]
Fax: 0117 [illegible]

Signature Date

Please note: All services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of Business

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Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY (Site)

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 10/03/2009 Ticket No.: SH020742

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: CN04LZJ

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18144

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	31160	020219	10/03/09 09:26
Tare	13180	021372	10/03/09 09:36
Net	17980	Measure : 17.98 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 197272

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input VA

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the site

Duty of Care - Waste Transfer Note

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Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18144

SECTION A – DESCRIPTION OF THE WASTE

1. Description Non Hazardous Construction Site [Soil/Rock]
2. EWC Code 17 05 04
3. Container Type Roll on/off
4. Quantity 2 m³ NET

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address [illegible] Bank Street, Ebbw Vale, Gwent, NP23 7HP
2. Address of Transfer (Collection Point) As Above
3. On behalf of Producer, Name M. [illegible]
4. Quantity 2 m³ NET

Signature [signature] Date 10/3/14
Time 8.30am

SECTION C – WASTE CARRIER

1. Carrier Address C&W Transport LL11 1PF
2. Registered Carrier Number NRW/268624/CB
3. Vehicle Registration CN04 LZJ
4. On behalf of Waste Carrier, Name [illegible]

Signature [signature] Date 10/3/14

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address Shortwood Landfill Site, North Cattybrook Lane, Shortwood, Bristol, BS16 9NN, Tel: 0117 9371070, Permit No BR4738
2. Site Licence Number
3. On behalf of Disposal Operator, Name

Signature Date

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Registered in England No. 2393309
Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 10/03/2009 Ticket No.: SH020776

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wreham

Vehicle Reg. No.: CN04LZJ

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18147

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	30800	020253	10/03/09 13:53
Tare	13120	021408	10/03/09 14:13
Net	17680	Measure : 17.68 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print) D GWN

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 197309

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input VA

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the sit

Duty of Care - Waste Transfer Note

Shanks Waste Management Limited
Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

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TICKET NUMBER S 18147

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONSTRUCTION SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 40YD
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address [illegible]
2. Address of Transfer (Collection Point)
3. On behalf of Producer, Name [illegible]
4. Quantity 20T NETT

Signature [signature] Date 10/03/09 Time 1.05 PM

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LTD
2. Registered Carrier Number NDW/268624/CBS
3. Vehicle Registration CN04 LZJ
4. On behalf of Waste Carrier, Name

Signature [signature] Date 10/3/09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE, [illegible]
2. Site Licence Number [illegible]
3. On behalf of Disposal Site, Name [illegible]

Signature [signature] Date [illegible]

Shortwood Landfill Site
North Cemetery Lane
Shortwood, Bristol
BS16 9PY
Tel: 0117 937 1600
Permit No EA/[illegible]

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Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 09/03/2009 Ticket No.: SH020666

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624
Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: CN56FKS

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18133

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	31740	020143	09/03/09 09:12
Tare	12760	021297	09/03/09 09:27
Net	18980	Measure : 18.98 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 197197

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input VA

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the sit

Duty of Care - Waste Transfer Note

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Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18133

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS [SW090001]
2. EWC Code 17 05 04
3. Container Type ROLL BOTH
4. Quantity 20 TONS

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address ABBEY MEAD TECHNOLOGY DRIVE STREET, CASTLE CARY, SOMERSET, BA7 7AH
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20 TONS

Signature [signature] Date 9/3/04
Time 9.40am

SECTION C – WASTE CARRIER

1. Carrier Address CLIVED TRANSPORT LLIL IPF
2. Registered Carrier Number NOW/203624/CB.
3. Vehicle Registration CN56 FKS
4. On behalf of Waste Carrier, Name

Signature [signature] Date 9.3.04

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE, NORTH CATTYBROOK LANE, SHORTWOOD, BRISTOL, BS16 9NN
2. Site Licence Number B24713
3. On behalf of Disposal Operator, Name

Shortwood Landfill Site
North Cattybrook Lane
Shortwood, Bristol
BS16 9NN
Tel: 01179 371070
Permit No. B24713

Signature [signature] Date 9/3/04

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Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY (File)

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 09/03/2009 Ticket No.: SH020668

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: CN04LZJ

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18135

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	32940	020145	09/03/09 09:17
Tare	13540	021299	09/03/09 09:30
Net	19400	Measure : 19.40 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 197199

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input VA

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the site

Duty of Care - Waste Transfer Note

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Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18136

SECTION A – DESCRIPTION OF THE WASTE

1. Description Non Hazardous [illegible] [SW09 201]
2. EWC Code 19 05 99
3. Container Type RORO SKIP
4. Quantity 20 TONNES

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address Norwest Holst [illegible] Brook Street, Glenrothes, [illegible] KY6 1HF
2. Address of Transfer (Collection Point) As Above
3. On behalf of Producer, Name M. Phillips
4. Quantity 20 TONNES

Signature [illegible] Date 9/3/09
Time [illegible]

SECTION C – WASTE CARRIER

1. Carrier Address (SWS) TRANSPORT LTD IPF
2. Registered Carrier Number NOW/20BC24/CB
3. Vehicle Registration (NO4 LZD
4. On behalf of Waste Carrier, Name

Signature [signature] Date 9/3/09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address Shortwood Landfill Site, North Cattybrook Lane, Shortwood, Bristol BS15 [illegible]
2. Site Licence Number BR47[illegible]
3. On behalf of Disposal Operator, Name [illegible]

Shortwood Landfill Site
North Cattybrook Lane
Shortwood, Bristol
BS16 9NN
Tel: 01179 371000
Permit No. [illegible]

Signature [signature] Date [illegible]

Please note: All services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of Business.
Registered in England No. 2393309
Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY (File)

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 09/03/2009 Ticket No.: SH020699

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: CN04LZJ

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18138

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	30520	020176	09/03/09 13:14
Tare	13140	021329	09/03/09 13:25
Net	17380	Measure : 17.38 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print) D Gunn

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 197229

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input VA

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the sit

Duty of Care - Waste Transfer Note

Shanks Waste Management Limited
Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

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TICKET NUMBER S 1813

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON-HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID BWTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CN04 LZJ
4. On behalf of Waste Carrier, Name

Signature [signature] Date 9/3/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST % LANCLEAN BANK STREET, GLEBELANDS NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) As Above
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 09/03/09 Time 17.35hrs

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL CATTYBROOK LANE, SHORTWOOD BRISTOL
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Shortwood Landfill Site
Cattybrook Lane
Shortwood, Bristol
BS16 9NN
Tel: 0117 937 1070
Permit No BR4713

Signature Date

Please note: All services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of Business
Registered in England No. 2393309
Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY (Site)

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 09/03/2009 Ticket No.: SH020720

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wreham

Vehicle Reg. No.: CN04LZJ

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18141

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	31260	020197	09/03/09 15:03
Tare	13100	021351	09/03/09 15:11
Net	18160	Measure : 18.16 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 197250

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input VA

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the site

Duty of Care - Waste Transfer Note

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Shanks Waste Management Limited
Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Tel [illegible] 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 1814

SECTION A – DESCRIPTION OF THE WASTE

1. Description Non Hazardous Contam Soil [SW09020]
2. EWC Code 17 05 04
3. Container Type Rigid Skip
4. Quantity 20 MT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address [illegible]
2. Address of Transfer (Collection Point) As Above
3. On behalf of Producer, Name [illegible]
4. Quantity 20 MT

Signature [illegible] Date 09/03/09
Time 2 15pm

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1RF
2. Registered Carrier Number NRW/263624/C3
3. Vehicle Registration CN04 LZJ
4. On behalf of Waste Carrier, Name

Signature [illegible] Date 9/3/09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address Shortwood Landfill Site Shortwood Bristol
2. Site Licence Number [illegible]
3. On behalf of Disposal Operator, Name [illegible]

Shortwood Landfill Site
North Cattybrook Lane
Shortwood, Bristol
BS16 9NN
Permit No. [illegible]

Signature [illegible] Date [illegible]

Please note: All services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of Business
Registered in England No. 2393309
Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE C[illegible]

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 OYU

Date: 09/03/2009 Ticket No.: SH020669

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wreham

Vehicle Reg. No.: CN55BUA

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18134

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	31400	020146	09/03/09 09:19
Tare	12700	021300	09/03/09 09:32
Net	18700	Measure : 18.70 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 197200

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input VAT

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the site

Duty of Care - Waste Transfer Note

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Shanks Waste Management Limited
Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18134

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS COMMERCIAL WASTE [SWD 19000]
2. EWC Code 17 05 04
3. Container Type ROLL BWTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORTH HILL [illegible] BANK CREST, [illegible], NORTH PMF
2. Address of Transfer (Collection Point)
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 9/3/09
Time 7.50 AM

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/208624/CB
3. Vehicle Registration CN55 BUA
4. On behalf of Waste Carrier, Name

Signature [signature] Date 9-3-09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator

Shortwood Landfill Site
North Cattybrook Lane
Shortwood, Bristol
BS16 9NN
Tel: 0117 937 1070
Permit No. BR4713

Signature [signature] Date

Please note: All services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of Business
Registered in England No. 2393309
Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY (File)

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 09/03/2009 Ticket No.: SH020684

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624
Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: CN55BUA

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18137

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	31560	020161	09/03/09 11:27
Tare	12660	021314	09/03/09 11:37
Net	18900	Measure : 18.90 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 197214

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input VA

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the sit

Duty of Care - Waste Transfer Note

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Shanks Waste Management Limited
Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 1813

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWES HOUSE C/O LANDMARK BANK STREET, GLEBELANDS, NEWPORT, NP19 4HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M PHILLIPS
4. Quantity 20T NETT

Signature PP D. [illegible] Date 09/03/09 Time 10.30 AM

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CN55 BUA.
4. On behalf of Waste Carrier, Name

Signature [signature] Date 9-3-09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature

Shortwood Landfill Site
North Cattybrook Lane
Shortwood, Bristol
BS16 9NN
Tel: 01179 371071
Permit No BR4713

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Registered in England No. 2393309
Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY (Site)

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 OYU

Date: 09/03/2009 Ticket No.: SH020711

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wreham

Vehicle Reg. No.: CN55BUA

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18139

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	31340	020188	09/03/09 14:06
Tare	12620	021342	09/03/09 14:33
Net	18720	Measure : 18.72 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 197241

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input VAT

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the site

Duty of Care - Waste Transfer Note

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Shanks Waste Management Limited
Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 1813

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID BWTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST % LANDCLEAN BANK STREET GLEBELANDS, NEWPORT, NP19 7UF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 09/3/09 Time 1.15 pm

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CN55 BUA
4. On behalf of Waste Carrier, Name

Signature [signature] Date 9-3-09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORWOOD LANDFILL SITE CATTYBROOK LANE SHORTWOOD BRISTOL
2. Site Licence Number BS4713
3. On behalf of Disposal Operator BS4713

Signature [signature] Date

Shortwood Landfill Site
Cattybrook Lane
Shortwood
Bristol
BS16 3UN
Tel: 01179 371070
BS4713

Please note: All services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of Business
Registered in England No. 2393309
Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 09/03/2009 Ticket No.: SH020667

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: CN56FKT

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18132

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	31140	020144	09/03/09 09:15
Tare	12740	021298	09/03/09 09:28
Net	18400	Measure : 18.40 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 197198

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input VAT

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the site

Duty of Care - Waste Transfer Note

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Shanks Waste Management Limited
Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18132

SECTION A – DESCRIPTION OF THE WASTE

1. Description Non-Hazardous Contaminated Soil [Soil & Stones]
2. EWC Code 17 05 04
3. Container Type Roll Bin
4. Quantity 20 Mtr

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address Network Rail, Engineering Base, Ashchurch, Tewkesbury, Glos, GL20 7NF
2. Address of Transfer (Collection Point) As above
3. On behalf of Producer, Name M. Phillips
4. Quantity 1

Signature [signature] Date 9/3/09
Time 7.30

SECTION C – WASTE CARRIER

1. Carrier Address Cloud Transport LL11 1DF.
2. Registered Carrier Number NRW/268624/CB
3. Vehicle Registration CN56 FKT
4. On behalf of Waste Carrier, Name

Signature [signature] Date 9-3-09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address Shortwood Landfill Site, Overlook Lane, Frampton Cotterell, Bristol
2. Site Licence Number EPR/[illegible]
3. On behalf of Disposal Operator, Name

Shortwood Landfill Site
North Catty Brook Lane
Shortwood, Bristol
BS16 9NN
Tel: 01179 37[illegible]
Permit No EB[illegible]

Signature Date

Please note: All services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of Business
Registered in England No. 2393309
Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY (File)

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 09/03/2009 Ticket No.: SH020683

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624
Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wreham

Vehicle Reg. No.: CN56FKT

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18136

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	31740	020160	09/03/09 11:26
Tare	12720	021313	09/03/09 11:36
Net	19020	Measure : 19.02 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 197213

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input VAT

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the site

Duty of Care - Waste Transfer Note

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Shanks Waste Management Limited
Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 1813

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID BWTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268024/CB
3. Vehicle Registration CN56 FKT
4. On behalf of Waste Carrier, Name

Signature [signature] Date 9-3-09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOUSE CONTRACTING BANK STREET GLYNEDDWR, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 09/03/09 Time 12.20pm

SECTION D – DISPOSAL/TREATMENT FACILITY

1813C

1. Disposal Address SHORTWOOD LANDFILL CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number
3. On behalf of Disposal Operator, Name

Gibertwood Landfill Site
North Cattybrook Lane
Shortwood, Bristol
BS16 9NN
Tel: 01179 371070
Permit No BR4713

Signature Date

Please note: All services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of Business
Registered in England No. 2393309
Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY (File)

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 09/03/2009 Ticket No.: SH020710

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NOW/268624
Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: CN56FKT

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18140

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	30940	020187	09/03/09 14:05
Tare	12680	021341	09/03/09 14:31
Net	18260	Measure : 18.26 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 197240

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input VA

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the site

Duty of Care - Waste Transfer Note

Shanks Waste Management Limited
Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

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TICKET NUMBER S 1814

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONSTR SOIL (EWC 170504)
2. EWC Code 17 05 04
3. Container Type ROAD BWTV
4. Quantity 20 T NET

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address MERLIN HOUSE LANGFORD [illegible] BANK STREET WORTHING NEAR [illegible] NR11 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PRINCE
4. Quantity 20 NET

Signature M. Prince Date 09/03/09.
Time 1.20 Pm.

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PT
2. Registered Carrier Number NOW/208624/CB
3. Vehicle Registration CN56 FKT
4. On behalf of Waste Carrier, Name

Signature [signature] Date 9-3-09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SEVERNWOOD LANDFILL CATTYBROOK LANE SHORTWOOD BRISTOL BS16 9NN
2. Site Licence Number
3. On behalf of Disposal Operator, Name

Signature

Severnwood Landfill Site
Cattybrook Lane
Bristol
BS16 9NN
Tel. 01179 371070
Permit No. BR4713

Please note: All services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of Business
Registered in England No. 2393309
Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE C

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: [illegible] Landfill Site Permit/Licence: [illegible]

Customer: SWANSCO
[illegible]

Date: 07/01/2009 Ticket No.: SW018385

Transaction Type: SECURITY
INBOUND

Waste Carrier Reg. No.: NEW/206620
Carrier: [illegible]

Vehicle Reg. No.: [illegible]

Weighbridge Operator Name: [illegible]

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 19 08 05

Waste Description: Contaminated soil

Source: [illegible]

Transfer Note No.: [illegible]

Order No.:

Waste Stream No.: [illegible]

	KG	Tally Roll No.	Date & Time
Gross	35150	017809	07/01/09 07:01
Tare	13250	013954	07/01/09 07:11
Net	21900	Remarks: [illegible]	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print) STUART

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174844

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Upham Way
Southampton
SO16 0YU

Date: 09/01/2009 Ticket No.: SHO154350

Transaction Type: DISCOUNT
INCOMING

Waste Carrier Reg. No.: NEW/266024

Carrier: Lloyd Transport Services Ltd
Lloyd House
37 Napier Street
Bristol

Vehicle Reg. No.: CU05ENO

Weighbridge Operator Name: MARNER

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UK

Transfer Note No.: 18100

Order No.:

Waste Stream No.: SW0902001

	KG	Tally Roll No.	Date & Time
Gross	32340	017810	09/01/09 07:04
Tare	12040	018055	09/01/09 07:19
Net	20300	Measure 1 20.30 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174845

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Sherwood Landfill Site Permit/Licence: ER4713

Customer: SHANKSLD
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Orions Way
Southampton
SO15 0YU

Date: 09/01/2009 Ticket No.: SH018238

Transaction Type: ACCOUNT
INCOMING

Waste Carrier Reg. No.: NCB/EW6864
Carrier: Cloyd Transport Services Ltd
Cloyd House
37 Regent Street
Rhuthun

Vehicle Reg. No.: DR03CJJ

Weighbridge Operator Name: BBORNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport (G)

Transfer Note No.: 18056

Order No.:

Waste Stream No.: SNCP0001

	KG	Tally Roll No.	Date & Time
Gross	33140	017812	09/01/09 07:03
Tare	11020	012056	09/01/09 07:17
Net	22120	Measure 1, 21.12 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174846

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as Input V
This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel: 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BB4714

Customer: BRANSCOMB
Sharks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Orlando Way
Southampton
SO16 0YU

Date: 09/01/2009 Ticket No.: GNO14353

Transaction Type: ACCOUNT

ANCON115

Waste Carrier Reg. No.: [illegible]
Carrier: Clays Transport Services Ltd
Wood House
22 Regent Street
Nuneaton

Vehicle Reg. No.: DE10031

Weighbridge Operator Name: SEAN(NES)

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Soil/Subsoil and...

Source: Nuneaton UK

Transfer Note No.: 14607

Order No.:

Waste Stream No.: SH0000011

	KG	Tally Roll No.	Date & Time
Gross	23120	017819	09/01/09 07:05
Tare	12080	018952	09/01/09 07:20
Net	11040	Measure = 21.04 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174849

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as Input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the si

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

GH Hood

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shorbeard Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Ontario Way
Southampton
SO16 0YU

Date: 09/01/2009 Ticket No.: SHO18256

Transaction Type: ACCOUNT
INCOMING

Waste Carrier Reg. No.: NOM/CS6520

Carrier: Clwyd Transport Services Ltd
Clwyd House
57 Regent Street
Wrexham

Vehicle Reg. No.: PJ55NRU

Weighbridge Operator Name: BWARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UK

Transfer Note No.: 110343

Order No.:

Waste Stream No.: SW2500Q1

	KG	Tally Roll No.	Date & Time
Gross	32320	017216	09/01/09 07:18
Tare	12600	010961	09/01/09 07:28
Net	19720	Returns : 19.72 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174851

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the si

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Site Permit/Licence:

Customer:

Date: Ticket No.:

Transaction Type:

Waste Carrier Reg. No.:

Carrier:

Vehicle Reg. No.:

Weighbridge Operator Name:

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code:

Waste Description:

Source:

Transfer Note No.:

Order No.:

Waste Stream No.:

	KG	Tally Roll No.	Date & Time
Gross			
Tare			
Net			

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174854

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the sit

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office, 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: [illegible] Site Permit/Licence: [illegible]

Customer:
[illegible]
Charles Wade Management Ltd
Consolidated Land Services
Unit 22 Brierley Ind. Est.
Leyland Way
Hartlebury
[illegible]

Date: 09/01/2009 Ticket No.: [illegible]

Transaction Type: ACCOUNT

ENQUIRY

Waste Carrier Reg. No.: NCB/EW3289

Carrier: Clean Harbours Services Ltd
Clean House
27 Rosary Gardens
Swindon

Vehicle Reg. No.: [illegible]

Weighbridge Operator Name: [illegible]

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: [illegible]

Source: [illegible]

Transfer Note No.: [illegible]

Order No.:

Waste Stream No.: CW050001

	KG	Tally Roll No.	Date & Time
Gross	44280	[illegible]	09/01/09 09:05
Tare	13200	018378	09/01/09 09:16
Net	31080	Remove 1.08 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print) STUART

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174864

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Stanhope Lane Pit Site Permit/Licence: BP4713

Customer: SHANKS
Shanks Waste Management Ltd
Contaminated Land Services
Unit 12 Nuneaton Ind. Est.
Chapel Way
Bedworth
CV11 2YU

Date: 09/01/2009 Ticket No.: 3M016370

Transaction Type: ACCOUNT
INBOUND

Waste Carrier Reg. No.: NBW/EG08624
Carrier: Clwyd Transport Services Ltd
Clwyd House
22 Regent Street
Wrexham

Vehicle Reg. No.: CJ08EHB

Weighbridge Operator Name: BARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Unknown soil

Source: Newport JR

Transfer Note No.: 76162

Order No.:

Waste Stream No.: SW030001

	KG	Tally Roll No.	Date & Time
Gross	31780	017830	09/01/09 09:08
Tare	12000	013976	09/01/09 09:19
Net	19780	Measure : 19.78 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174866

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as input V
This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the si

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Customer: SHANKSBS
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Britania Way
Southampton
SO16 0AJ

Site: Shortwood Landfill Site Permit/Licence: BR4713

Date: 09/01/2009 Ticket No.: 2401837

Transaction Type: ACCOUNT
INCOMING

Waste Carrier Reg. No.: NBW/CB6524

Carrier: Clwyd Transport Services Ltd
Clwyd House
37 Regent Street
[illegible]

Vehicle Reg. No.: DL08WCJ

Weighbridge Operator Name: SHANKSBS

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 03 04

Waste Description: Contaminated soil

Source: Nursling UD

Transfer Note No.: 0103

Order No.:

Waste Stream No.: SNOS00.1

	KG	Tally Roll No.	Date & Time
Gross	32760	017834	09/01/09 09:43
Tare	12120	010950	05/01/09 09:38
Net	20640	Measure = 20.64 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174870

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as Input V
This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the si

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Charlwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Containerised Land Services
Unit 6F Nursling Ind. Est.
Dreadon Way
Southampton
SO16 0YD

Date: 09/01/2009 Ticket No.: SH010375

Transaction Type: ACCLNT
INCOMING

Waste Carrier Reg. No.: MP/3e8628
Carrier: Owen Transport Services Ltd
Owen House
37 Bruce Street
Archer

Vehicle Reg. No.: CE61NXR

Weighbridge Operator Name: BRENDC

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 19 05 03

Waste Description: Compost like output

Source: Nursling MF

Transfer Note No.: 12104

Order No.:

Waste Stream No.: SH09/1502

	KG	Tally Roll No.	Date & Time
Gross	46080	017835	09/01/09 08:45
Tare	13060	014382	09/01/09 10:00
Net	33020	Measure : 39.94 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature T. Gubbins

Driver's Name (Print) T Gubbins

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. Q 174872

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the si

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Site Permit/Licence:

Customer:

Date: Ticket No.:

Transaction Type:

Waste Carrier Reg. No.:

Carrier:

Vehicle Reg. No.:

Weighbridge Operator Name:

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code:

Waste Description:

Source:

Transfer Note No.:

Order No.:

Waste Stream No.:

	KG	Tally Roll No.	Date & Time
Gross			
Tare			
Net			

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174871

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shankwood Landfill Site Permit/Licence: WB4/12

Customer: SHANKSLD
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Sandiacre Ind. Est.
Stanton Way
Swadlincote
DE15 0YL

Date: 09/01/2009 Ticket No.: SHO/5277

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: NCW/CB6024
Carrier: Lloyd Transport Services Ltd
Lloyd House
JT Pegum Street
Wrexham

Vehicle Reg. No.: PJ58NRD

Weighbridge Operator Name: BARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UP

Transfer Note No.: 19109

Order No.:

Waste Stream No.: SA0300001

	KG	Tally Roll No.	Date & Time
Gross	32520	017027	09/01/09 09:50
Tare	12520	010883	09/01/09 10:01
Net	20000	Measure : 20.00 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature J Hancock

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174873

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the si

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shrewsbury Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Brinns Way
Southampton
SO16 0YU

Date: 09/01/2009 Ticket No.: SH018294

Transaction Type: SECURE

INCOMING

Waste Carrier Reg. No.: NDW/2606626
Carrier: Elwyd Transport Services Ltd
Elwyd House
57 Regent Street
Ashton

Vehicle Reg. No.: CL06SJB

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18628

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	32340	017854	09/01/09 12:01
Tare	11940	013003	09/01/09 12:20
Net	20400	Measure : 20.40 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174893

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BB4713

Customer: SPANKSOC
Shanks Waste Management Ltd
Shortwood Land Services
Unit 20 Nursling Ind. Est.
Millbrook Way
Southampton
SO16 0YP

Date: 03/01/2009 Ticket No.: 0010355

Transaction Type: OUTBOUND
WEIGHING

Waste Carrier Reg. No.: NPW/CB0001
Carrier: Clean Treatment Services Ltd
Clean House
37 Regent Street
Preston

Vehicle Reg. No.: DD56FTU

Weighbridge Operator Name: KMBURE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Saturated soil

Source: Southern UK

Transfer Note No.: 19107

Order No.:

Waste Stream No.: SWS3001

	KG	Tally Roll No.	Date & Time
Gross	34250	017833	03/01/09 12:02
Tare	13140	015001	03/01/09 12:17
Net	21320	Measure 1 21.32 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature:

Driver's Name (Print): STUART

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174891

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V
This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the si

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET	Site:	Site Permit/Licence:
Customer:	Date:	Ticket No.:
	Transaction Type:	
Waste Carrier Reg. No.:	Vehicle Reg. No.:	
Carrier:	Weighbridge Operator Name:	
	Weighbridge Operator's Signature:	

Lists of Wastes (EWC) Code:		KG	Tally Roll No.	Date & Time
	Gross			
Waste Description:	Tare			
Source:	Net			
Transfer Note No.:	Net £		Driver's Signature	M Preston
Order No.:	LFT £ VAT £		Driver's Name (Print)	
Waste Stream No.:	Gross £			

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174894

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as input VA

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the sit

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

WEIGHBRIDGE TICKET

Site: Shackwood Landfill Site Permit/Licence: BP4713

Customer: SHANKSEC
Shanks Waste Management Ltd
Contaminated Land Services
Unit 32 Nursling Ind. Est.
Orlans Way
Southampton
SO16 0YU

Date: 09/01/2009 Ticket No.: S-014401

Transaction Type: INBOUND
INCOMING

Waste Carrier Reg. No.: MP/EB5624
Carrier: Clwyd Transport Services Ltd
Clwyd House
21 Regent Street
Wrexham

Vehicle Reg. No.: DU08JCJ

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Liste of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport LA

Transfer Note No.: 18110

Order No.:

Waste Stream No.: SW050001

	KG	Tally Roll No.	Date & Time
Gross	31840	MANUAL	09/01/09 12:27
Tare	11260	019009	09/01/09 12:36
Net	20580	Measure + Re-Set	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174899

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as input
This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 7, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: [illegible] Site Permit/Licence: [illegible]

Customer: [illegible]
Shanks Waste Management Ltd.
Cleansmarter Land Services
Trak 22 Nursling Ind. Est.
Green Way
Southampton
SO16 0YU

Date: 05/01/2009 Ticket No.: [illegible]

Transaction Type: WEIGHT
INCOMING

Waste Carrier Reg. No.: NCM/3586624
Carrier: Lloyd Transport Services Ltd
Clays House
57 Regent Street
Shifnal

Vehicle Reg. No.: DJ51 3XN

Weighbridge Operator Name: MOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Soil/subsoil and rock

Source: [illegible]

Transfer Note No.: [illegible]

Order No.:

Waste Stream No.: [illegible]

	KG	Tally Roll No.	Date & Time
Gross	33200	017661	05/01/09 12:38
Tare	11950	01101?	05/01/09 13:01
Net	21250	[illegible]	[illegible]

Net £
LFT £
VAT £
Gross £

Driver's Signature [signature]

Driver's Name (Print) T. [illegible]

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. © 174901

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V
This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: 8R6713

Customer: QHSNKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 5 St Nons Ind Est.
Victoria Bay
Southampton
SO14 0YJ

Date: 09/01/2009 Ticket No.: SHO:A404

Transaction Type: ACCOUNT

ENQUIRING

Waste Carrier Reg. No.: NWM/65552?

Carrier: Clwyd Transport Services Ltd
Clwyd House
37 Regent Street
Rhyl

Vehicle Reg. No.: P752NKJ

Weighbridge Operator Name: MMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18113

Order No.:

Waste Stream No.: SHO00021

	KG	Tally Roll No.	Date & Time
Gross	32660	017863	09/01/09 12:46
Tare	12520	019012	09/01/09 12:05
Net	20140	Measure : 20.14 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature T Hamm

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 174902

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as Input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

WASTE TRANSFER NOTE

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site:

Site Permit/Licence:

Customer:

Date:

Ticket No.:

Transaction Type:

Waste Carrier Reg. No.:

Carrier:

Vehicle Reg. No.:

Weighbridge Operator Name:

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code:

Waste Description:

Source:

Transfer Note No.:

Order No.:

Waste Stream No.:

	KG	Tally Roll No.	Date & Time
Gross			
Tare			
Net			

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 174913

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the sit

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shanks. waste solutions.

Shanks Waste Management Limited
Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18119

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration BU05 FSA
4. On behalf of Waste Carrier, Name

Signature Date 13/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOUST % LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature M. Phillips Date 13/01/09 Time 8.30AM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

Please note: All services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of Business
Registered in England No. 2393309
Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY (File)

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Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18120

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration 005 STL
4. On behalf of Waste Carrier, Name

Signature Date

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOUST % LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature M. Phillips Date 13/01/09. Time 8.40AM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE, CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date 13-1-09

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Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18121

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration
4. On behalf of Waste Carrier, Name

Signature [signature] Date 13-1.09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 13/01/09. Time 10.55AM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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V.A.T. Reg. No. 259 5477 13

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Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18122

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration BU05 FSA
4. On behalf of Waste Carrier, Name

Signature [signature] Date 13/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 13/01/09. Time 11.05 AM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713.
3. On behalf of Disposal Operator, Name

Signature Date

Please note: All services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of Business
Registered in England No. 2393309
Registered Office as above
A.T. Reg. No. 259 5477 13

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Milton Keynes, Buckinghamshire MK1 1BU
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TICKET NUMBER S 18123

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature D. Wh Date 13/01/09 Time 2.00Pm

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NAW/268624/CB
3. Vehicle Registration BU05 FSA
4. On behalf of Waste Carrier, Name

Signature Date 13/1/09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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Milton Keynes, Buckinghamshire MK1 1BU
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TICKET NUMBER S 18124

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature D. Wh Date 13/01/09 Time 2.15Pm

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NAW/268624/CB
3. Vehicle Registration 0056 STU
4. On behalf of Waste Carrier, Name

Signature Date 13.1.09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of Business
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ice as above
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Duty of Care - Waste Transfer Note

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Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

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TICKET NUMBER S 18109

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20 T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOUSE C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT. Date 12/01/09
   Signature [signature] Time 8.30AM

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration C056 STU
4. On behalf of Waste Carrier, Name
   Signature [signature] Date 12.1.09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name
   Signature [signature] Date 12.1.09

Please note: All services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of Business
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Registered Office as above
V.A.T. Reg. No. 259 5477 13

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Duty of Care - Waste Transfer Note

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Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

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TICKET NUMBER S 18116

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOUSE C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT Date 12/01/09
   Signature PP. C. WILLIAMS Time 11.35AM

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration
4. On behalf of Waste Carrier, Name
   Signature [signature] Date 12.1.09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name
   Signature Date

Please note: All services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of Business
Registered in England No. 2393309
Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY (File)

Duty of Care - Waste Transfer Note

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Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

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TICKET NUMBER S 18117

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration
4. On behalf of Waste Carrier, Name

Signature [signature] Date 12.1.09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST % LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 12/01/09 Time 2.05pm

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE, CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

Please note: All services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of Business
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Registered Office as above
V.A.T. Reg. No. 259 5477 13

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Duty of Care - Waste Transfer Note

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Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

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TICKET NUMBER S 18118

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration
4. On behalf of Waste Carrier, Name

Signature [signature] Date 12-1-09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 12/01/09 Time 4.15pm

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

Please note: All services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of Business
Registered in England No. 2393309
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# of Care - Waste Transfer Note

s Waste Management Limited
...in House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

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TICKET NUMBER S 18150

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O CAMCLEAN BANK STREET, CLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 11.03.09. Time 8.00Am.

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LLII IPF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CN55 BUA
4. On behalf of Waste Carrier, Name

Signature [signature] Date 11-3-09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NW
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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Duty of Care - Waste Transfer Note

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Dunedin House, Auckland Park, Mount Farm,
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Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

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TICKET NUMBER S 18152

SECTION A – DESCRIPTION OF THE WASTE

1. Description Non HAZARDOUS Contam Soil [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOUSE BANKSTREET, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T

Signature M P Date 11/03/09
Time 2.15PM

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LLII 1RF
2. Registered Carrier Number NPW/268624/CB-
3. Vehicle Registration CN55 GUA
4. On behalf of Waste Carrier, Name

Signature Date 11-3-09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NW
2. Site Licence Number BR 9713.
3. On behalf of Disposal Operator, Name

Signature Date

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3 650999 www.shanks.co.uk

TICKET NUMBER S 18151

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SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1DF.
2. Registered Carrier Number NOW/268624/CB.
3. Vehicle Registration CN55 BLA
4. On behalf of Waste Carrier, Name

Signature [signature] Date 11-3-09

RRENT HOLDER OF WASTE

HOIST 90 LANDCLEAN, GWPORT NP19 7HF,

n Point) AS ABOVE.

M. PHILLIPS

Date 11/03/09.
Time 10.15 Am.

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR473
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18142

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/208624/CB
3. Vehicle Registration CN56 FKT
4. On behalf of Waste Carrier, Name

Signature [signature] Date 10-3-09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, ELEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE.
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature M. PHILLIPS Date 10/03/09
Time @ 10AM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18143

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/208624/CB
3. Vehicle Registration CN55 BUA
4. On behalf of Waste Carrier, Name

Signature [signature] Date 10-3-09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, ELEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature M. PHILLIPS Date 10/03/09.
Time 8.20AM.

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18144

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW09CC01]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NEW/268624/CB
3. Vehicle Registration CN04 LZJ
4. On behalf of Waste Carrier, Name

Signature [signature] Date 10/3/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOUSE C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M PHILLIPS

Quantity 20T NETT

Signature [signature] Date 10/03/09

Time 8.30AM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NW.
2. Site Licence Number BR4713.
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18145

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW09CC01]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF.
2. Registered Carrier Number NEW/268624/CB
3. Vehicle Registration CN54FRT
4. On behalf of Waste Carrier, Name

Signature [signature] Date 10-3-09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOUSE C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE.
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 10.3.09

Time 10.40AM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NW.
2. Site Licence Number BR4713.
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18146

SECTION A – DESCRIPTION OF THE WASTE

1. Description Non Hazardous Contam Soil [SW090001]
2. EWC Code 17 05 04
3. Container Type Rigid BWTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number New/208624/CB.
3. Vehicle Registration CN55 BUA.
4. On behalf of Waste Carrier, Name

Signature [signature] Date 10-3-09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address Norwest Holst c/o Cawdeen Bank Street, Newport, NP19 7HF
2. Address of Transfer (Collection Point) As Above
3. On behalf of Producer, Name M Phillips
4. Quantity 20T NETT.

Signature [signature] Date 10/03/09. Time 11.00 Am.

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address Severnwood Landfill Cattybrook Lane, Bristol, BS16 9NN
2. Site Licence Number BR4717
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18147

SECTION A – DESCRIPTION OF THE WASTE

1. Description Non Hazardous Contam Soil [SW090001]
2. EWC Code 17 05 04
3. Container Type Rigid BWTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number New/208624/CB
3. Vehicle Registration CN04 LZJ
4. On behalf of Waste Carrier, Name

Signature [signature] Date 10/3/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address Norwest Holst Bank Street, Newport, NP19 7HF
2. Address of Transfer (Collection Point) As Above
3. On behalf of Producer, Name M Phillips
4. Quantity 20T NETT

Signature [signature] Date 10/03/09 Time 1.05 pm.

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address Severnwood Landfill Cattybrook Lane, Bristol, BS16 9NN
2. Site Licence Number BR4717
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18148

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOUSE C/O LANDLEARN BANK STREET, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) As Above
3. On behalf of Producer, Name M PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 10/03/09
Time 1.30pm.

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NCW/208624/CB
3. Vehicle Registration CN56FKT
4. On behalf of Waste Carrier, Name

Signature [signature] Date 10-3-09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713.
3. On behalf of Disposal Operator, Name

Signature [signature] Date 10-3-9

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TICKET NUMBER S 18149

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOUSE C/O LANDLEARN BANK STREET, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) As Above
3. On behalf of Producer, Name M PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 10/03/09.
Time 1.50pm

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT
2. Registered Carrier Number NCW/208624/CB
3. Vehicle Registration CN56 BUA
4. On behalf of Waste Carrier, Name

Signature [signature] Date 10 - 3 - 09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature [signature] Date 10-3-9

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TICKET NUMBER S 18132

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF.
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CN56 FKT
4. On behalf of Waste Carrier, Name

Signature [signature] Date 9-3-09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOUSE C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20 T NETT

Signature [signature] Date 9/03/09 Time 7.30

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18133

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB.
3. Vehicle Registration CN56 FKS
4. On behalf of Waste Carrier, Name

Signature [signature] Date 9.3.09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOUSE C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 09/03/09 Time 7.40AM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18134

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CN55 BUA
4. On behalf of Waste Carrier, Name

Signature [signature] Date 9-3-09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST % LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point)
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 09/03/09 Time 7.50 AM.

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18135

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CN04 LZJ
4. On behalf of Waste Carrier, Name

Signature [signature] Date 9/3/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST % LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 09/03/09. Time 8.00AM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL CATTYBROOK LANE, SHORTWOOD, BRISTOL, BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18136

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 4HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature M. Phillips Date 09/03/09 Time 10.26 AM

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CN56 FKT
4. On behalf of Waste Carrier, Name

Signature [signature] Date 9-3-09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18137

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 4HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature M. Phillips Date 09/03/09 Time 10.30 AM

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CN55 BCA
4. On behalf of Waste Carrier, Name

Signature [signature] Date 9-3-09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18138

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST % LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature M D Wh Date 09/03/09 Time 12 Cs Pm

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CN04 LZJ
4. On behalf of Waste Carrier, Name

Signature Date 9/3/09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18139

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST % LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature M D Wh Date 09/03/09 Time 1 15 Pm

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CN55 BUA
4. On behalf of Waste Carrier, Name

Signature Date 9-3-09.

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN.
2. Site Licence Number BR4713.
3. On behalf of Disposal Operator, Name

Signature Date

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Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18140

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20 T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1AF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CN56 FKT
4. On behalf of Waste Carrier, Name

Signature [signature] Date 9.3.09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST % LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE.
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature M. Phillips Date 09/03/09.
Time 1.20 PM.

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN.
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18141

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON. HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1RF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CN04 LZJ
4. On behalf of Waste Carrier, Name

Signature [signature] Date 9/3/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST % LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature M. Phillips Date 09/03/09.
Time 2.15 PM.

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18101

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB.
3. Vehicle Registration 0056 STV
4. On behalf of Waste Carrier, Name

Signature [signature] Date 9-1-09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 09/01/09 Time 8.10AM.

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NW
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18102

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL
2. EWC Code 17/05/04.
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CU08 EWB
4. On behalf of Waste Carrier, Name CLWYD T/S

Signature M Roslaw Date 9/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE.
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 09/01/09 Time 8.15AM.

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE., SHORTWOOD. BRISTOL BS16 9NW
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18103

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature M. Phillips Date 09/01/09 Time 8.20AM

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration DW02 JCJ
4. On behalf of Waste Carrier, Name D. MOORE

Signature [signature] Date 9-1-09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18104

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature D.Wilk Date 09/01/09 Time 8.26AM

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CU51 BXN
4. On behalf of Waste Carrier, Name T. GELLION

Signature T. Gellion Date 9/1/09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18105

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD ~~[illegible]~~ TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration PJ53 NRU
4. On behalf of Waste Carrier, Name J HANCOCK

Signature J Hancock Date 9/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST, C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature M D. Wh Date 09/01/09 Time 8.35AM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NW
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18106

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration FX03 DVF
4. On behalf of Waste Carrier, Name Preston

Signature M Preston Date 9.1.09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature M D. Wh Date 09/01/09 Time 8.45 Am

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NW
2. Site Licence Number BR4713.
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18107

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration 0056 STU
4. On behalf of Waste Carrier, Name

Signature [signature] Date 9-1-09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 09/01/09 Time 10.10 AM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18108

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CU08 EWB
4. On behalf of Waste Carrier, Name CLWYD T/S.

Signature [signature] Date 9/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 09/01/09 Time 10.20 AM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18110

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration DU02 JCJ
4. On behalf of Waste Carrier, Name J. MOORE

Signature [signature] Date 9-1-09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 09/01/09. Time 10.50AM.

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18111

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration FX03 DVF
4. On behalf of Waste Carrier, Name Preston

Signature [signature] Date 9.1.09.

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 09/01/09. Time 11.00AM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL, BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18112

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CU51 BXN
4. On behalf of Waste Carrier, Name T. GALVIN

Signature T. Galvin Date 9/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOUSE C/O LANDLEARN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature M D. Wh Date 09/01/09 Time 11.00AM.

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN.
2. Site Licence Number BR4713.
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18113

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration PJ53 NRU
4. On behalf of Waste Carrier, Name J. HANCOCK

Signature J Hancock Date 9/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOUSE C/O LANDLEARN BANK STREET, GLEBELANDS, NEWPORT, NP9 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature M D. Wh Date 09/01/09 Time 11.15AM.

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18114

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL
2. EWC Code [SW090001] 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDREGAIN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature M. Phillips Date 09/01/09
Time 1.35pm

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration FX03 DVF
4. On behalf of Waste Carrier, Name Preston

Signature M Preston Date 9.1.09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN.
2. Site Licence Number BR4713.
3. On behalf of Disposal Operator, Name

Signature Date

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Duty of Care - Waste Trar fer Note

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Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18075

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW0900D1]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CU08 EWB
4. On behalf of Waste Carrier, Name CLWYD T/S

Signature M Roblow Date 8/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 4HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature D. Wilk Date 8.10AM Time 08/01/09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18076

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration 0056 STU
4. On behalf of Waste Carrier, Name

Signature Date 8/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 4HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature D. Wilk Date 08/01/09 Time 8.15AM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18077

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration PJ53 NRU
4. On behalf of Waste Carrier, Name S MANCOCK

Signature S Hancock Date 8/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 4HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature M Phillips Date 08/01/09 Time 8.22 AM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature S Hancock Date 8/1/09

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TICKET NUMBER S 18078

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20 T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CU51 BXN
4. On behalf of Waste Carrier, Name T. GALVIN

Signature T. Galvin Date 8/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 4HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature M Phillips Date 08/01/09 Time 8.30 AM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN.
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18079

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration DU02 JCJ
4. On behalf of Waste Carrier, Name D. MOORE

Signature [signature] Date 8.1.09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 4HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 08/01/09. Time 8.38AM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN.
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18080

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration FX03 DVF
4. On behalf of Waste Carrier, Name Preston

Signature [signature] Date 8.1.09.

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LAND CLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 4HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 08/01/09 Time 8.55Am

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTY BROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18081

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CU08 EWB
4. On behalf of Waste Carrier, Name CLWYD T/S

Signature [signature] Date 8/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 08/01/09 Time 10.15AM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature [signature] Date 8/1/09

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TICKET NUMBER S 18082

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code ~~17 05 04~~ 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration 0056 STU
4. On behalf of Waste Carrier, Name

Signature [signature] Date 8-1-09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 08/01/09 Time 10.25AM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18083

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration PJ53 NRU
4. On behalf of Waste Carrier, Name J Hancock

Signature J Hancock Date 8/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST % LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature D. Wilkins Date 08/01/09 Time 10.56hrs

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL, BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18084

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration DU02 JCJ
4. On behalf of Waste Carrier, Name J MOORE

Signature Date 8-1-09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature D. Wilkins Date 08/01/09 Time 11.06 Am

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18085

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CU51 BXN
4. On behalf of Waste Carrier, Name T. GILLIVIN

Signature T. Gillivin Date 8/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address ~~NORWEST HOLST CONTAM SOIL~~ [illegible] NORWEST HOLST BANK ST, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE.
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature M. Phillips Date 08/01/09 Time 11.15AM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18086

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration FX03 DVF
4. On behalf of Waste Carrier, Name Preston

Signature M Preston Date 8.1.09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOUST 90 LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature M. Phillips Date 08/01/09. Time 11.25AM.

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18087

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NoW/268624/CB
3. Vehicle Registration 0056 STU
4. On behalf of Waste Carrier, Name

Signature [signature] Date 8-1-09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 08/01/09
Time 1.00pm

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18088

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NoW/268624/CB
3. Vehicle Registration CU08 EWB
4. On behalf of Waste Carrier, Name CLWYD T/S

Signature [signature] Date 8/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 08/01/09
Time 1.10pm

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18089

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration PJ53 NRU
4. On behalf of Waste Carrier, Name J HANCOCK

Signature J Hancock Date 8/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature M. Phillips Date 08/01/09. Time 1.30pm

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18090

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration DU02 XJJ
4. On behalf of Waste Carrier, Name D. MOORE

Signature Date 8-1-09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature M. Phillips Date 08/01/09 Time 1.40pm

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL, BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18091

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CU51 BXN
4. On behalf of Waste Carrier, Name T. Griffiths

Signature T. Griffiths Date 8/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature D. Wilson Date 08/01/09 Time 1.48pm

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL, BS16 9NW
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18092

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration FX03 DVF
4. On behalf of Waste Carrier, Name Pryce

Signature M Pryce Date 8.1.09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature D. Wilson Date 08/01/09 Time 2.15pm

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NW
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18093

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration 0056 STU.
4. On behalf of Waste Carrier, Name

Signature [signature] Date 8-1-09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 08/01/09 Time 3.00pm

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL, BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18094

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CU08 EWB
4. On behalf of Waste Carrier, Name CLWYD TS

Signature [signature] Date 8/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 08/01/09 Time 3.05pm

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18095

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04.
3. Container Type RIGID 8WTV
4. Quantity 20T NETT.

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration PJ53 NRV
4. On behalf of Waste Carrier, Name J HANCOCK

Signature J Hancock Date 8/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) As Above
3. On behalf of Producer, Name. M. PHILLIPS
4. Quantity 20T NETT.

Signature M D. Wh Date 08/01/09 Time 3.36 Pm

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN.
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18096

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF.
2. Registered Carrier Number NOW/268624/CB.
3. Vehicle Registration DU02 JCJ
4. On behalf of Waste Carrier, Name D. Moore

Signature Date 8-1-09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) As Above
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature M D Wh Date 08/01/09 Time 3.42 Pm.

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE. CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18097

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT.

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CU51 BXN
4. On behalf of Waste Carrier, Name T GALVIN

Signature T Galvin Date 8/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature M. Phillips Date 08/01/09 Time 3.50pm.

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18098

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration FX03 DVF
4. On behalf of Waste Carrier, Name Pinton

Signature M Pinton Date 8.1.09.

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature M. Phillips Date 08/01/09 Time 04.42pm

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18099

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code ~~17 05 04~~ 17 05 04.
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature D. Dwl Date 08/1/09 Time 4.50PM.

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration 0056 STU
4. On behalf of Waste Carrier, Name

Signature [signature] Date 8-1-09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18100

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature D. Dwl Date 08/01/09 Time 5.00Pm

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB.
3. Vehicle Registration CU08 EWB
4. On behalf of Waste Carrier, Name CLWYD T/S

Signature M Roslaw Date 8/1/09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN.
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18051

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON-HAZARDOUS CONTAM. SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration 0056 STU
4. On behalf of Waste Carrier, Name

Signature D Moore Date 7/1/2009

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LAND CLEAN BANK STREET, GLEBELANDS, NEWPORT. NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature ff D. Wh Date 07/01/09 Time 8.40 AM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE, CATTYBROOK LANE (NORTH), SHORTWOOD, BRISTOL. BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18052

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration DU02 JCJ
4. On behalf of Waste Carrier, Name

Signature D.MOORE Date 7-1-09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LAND CLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature ff D Wh Date 07/01/09 Time 8.50 AM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE, CATTYBROOK LANE (NORTH), SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18053

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CU08 EWB
4. On behalf of Waste Carrier, Name CLWYD T/S

Signature M Kershaw Date 7/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOUSE C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE.
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature PP D Wh Date 07/01/09 Time 8 53AM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTY BROOK LANE (NORTH), SHORTWOOD, BRISTOL, BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18054

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration FJ55 NRU
4. On behalf of Waste Carrier, Name J HANCOCK

Signature J Hancock Date 7/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOUSE C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature PP D Wh Date 07/01/09. Time 8.57 AM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE (NORTH), SHORTWOOD. BRISTOL BS16 9NN.
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18055

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LAND CLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 4HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature PP D. [illegible] Date 07/01/09 Time 9.04 AM

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NAW/268624/CB.
3. Vehicle Registration CU51 BXN
4. On behalf of Waste Carrier, Name T. GALVIN

Signature T. Galvin Date 7/1/09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE (NORTH), SHORTWOOD BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18056

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM. SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LAND CLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 4HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature PP D. [illegible] Date 07/01/09 Time 10.04 AM

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NAW/268624/CB
3. Vehicle Registration FX03 DVF
4. On behalf of Waste Carrier, Name McDermott

Signature M [illegible] Date 7.1.09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE (NORTH), SHORTWOOD, BRISTOL, BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18057

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM. SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration DV02 JCJ
4. On behalf of Waste Carrier, Name D. MOORE

Signature [signature] Date 7-1-09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 07/01/09.
Time 11.42 AM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE, CATTYBROOK LANE (NORTH), SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18058

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CU08 EWB
4. On behalf of Waste Carrier, Name CLWYD T/S.

Signature M Kerslake Date 7/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 07/01/09.
Time 11.50 AM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE, CATTYBROOK LANE (NORTH), SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18059

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM. SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration PJ53 NRU
4. On behalf of Waste Carrier, Name J HANCOCK

Signature J Hancock Date 7/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature M. Phillips Date 07/01/09 Time 11.56 AM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE (NORTH), SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18060

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON- HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CU51 BXN
4. On behalf of Waste Carrier, Name T. GALVIN

Signature T. Galvin Date 7/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature M. Phillips Date 07/01/09 Time 12.03 PM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE (NORTH), SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18061

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration 0056 STU
4. On behalf of Waste Carrier, Name

Signature [signature] Date 7-1-2009

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LAND CLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 07/01/09 Time 12.10 pm

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE (NORTH), SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18062

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM. SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration FX03 DVF
4. On behalf of Waste Carrier, Name Preston

Signature M Preston Date 7.1.09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS. ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 07/01/09. Time 12.23 pm

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE (NORTH), SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18063

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS Contam. Soil [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration 0056 STU
4. On behalf of Waste Carrier, Name
Signature [signature] Date 7-1-09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST c/o LAND CLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) As ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT
Signature [signature] Date 07/01/09. Time 2.00pm.

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE, CATTYBROOK LANE (NORTH), SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name
Signature Date

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TICKET NUMBER S 18064

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration PJ53 NRU
4. On behalf of Waste Carrier, Name J. HANCOCK
Signature J Hancock Date 7/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST c/o LANDClean BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) As ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT
Signature [signature] Date 07/01/09 Time 2.10pm

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE SHORTWOOD BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name
Signature Date

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TICKET NUMBER S 18065

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOILS [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CU08 EWB
4. On behalf of Waste Carrier, Name CLWYD TS

Signature M Kaslewo Date 7/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 4HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature pp D. Wilson Date 07/01/09 Time 2.17 pm

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE (NORTH), SHORTWOOD, BRISTOL, BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18066

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration CU51 BXN
4. On behalf of Waste Carrier, Name T. GALVIN

Signature T. Galvin Date 7/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 4HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature pp D. Wilson Date 07/01/09 Time 2.37 pm

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE (NORTH), SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18067

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID BWTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature D. Wh Date 07/01/09. Time 2.44PM

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration DU02 JCJ
4. On behalf of Waste Carrier, Name D. HOOLE

Signature Date 7.1.09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE, CATTYBROOK LANE (NORTH), SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18068

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID BWTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LAND CLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature D. Wh Date 07/01/09 Time 3.05 Pm

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration FX03 DVF
4. On behalf of Waste Carrier, Name M PRESTON

Signature M Preston Date 7.1.09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE, CATTYBROOK LANE (NORTH), SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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TICKET NUMBER S 18069

SECTION A – DESCRIPTION OF THE WASTE

1. Description: NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code: 17 05 04
3. Container Type: RIGID 8WTV
4. Quantity: 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address: NORWEST HOLST C/O LAND CLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point): AS ABOVE.
3. On behalf of Producer, Name: M. PHILLIPS
4. Quantity: 20T NETT.

Signature: D. [illegible] Date: 07/01/09 Time: 4.15 PM

SECTION C – WASTE CARRIER

1. Carrier Address: CLWYD TRANSPORT LL11 1RF
2. Registered Carrier Number: Now/268624/CB
3. Vehicle Registration: 0056 STV
4. On behalf of Waste Carrier, Name:

Signature: [signature] Date: 7-1-09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address: SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number: BR4713.
3. On behalf of Disposal Operator, Name:

Signature: Date:

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TICKET NUMBER S 18070

SECTION A – DESCRIPTION OF THE WASTE

1. Description: NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code: 17 05 04.
3. Container Type: RIGID 8WTV
4. Quantity: 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address: NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT NP19 7HF
2. Address of Transfer (Collection Point)
3. On behalf of Producer, Name: M. PHILLIPS
4. Quantity: 20T NETT

Signature: D [illegible] Date: 07/01/09. Time: 4.23PM

SECTION C – WASTE CARRIER

1. Carrier Address: CLWYD TRANSPORT.
2. Registered Carrier Number: LL11 1RF Now/268624/CB
3. Vehicle Registration: CU08 EWB.
4. On behalf of Waste Carrier, Name: CLWYD T/S.

Signature: M Kershaw Date: 7/1/09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address: SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN.
2. Site Licence Number: BR4713.
3. On behalf of Disposal Operator, Name:

Signature: Date:

Please note: All services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of Business
Registered in England No. 2393309
Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY (File)

Duty of Care - Waste Transfer Note

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Shanks Waste Management Limited
Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18071

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04.
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOUSE C/O LANDMARK BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE.
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature PP D. Wh Date 07/01/09 Time 4.32 PM

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF.
2. Registered Carrier Number NOW/268624/CB.
3. Vehicle Registration PJ53 NRU
4. On behalf of Waste Carrier, Name S HANCOCK

Signature S Hancock Date 7/1/09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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Registered Office as above
V.A.T. Reg. No. 259 5477 13

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Duty of Care - Waste Transfer Note

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Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18072

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04.
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOUSE C/O LANDMARK BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE.
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature Pp D. Wh Date 07/01/09. Time 4.38PM

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/208624/CB
3. Vehicle Registration CU51 BXN
4. On behalf of Waste Carrier, Name T. GALVIN

Signature T. Galvin Date 7/1/09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL, BS16 9NN
2. Site Licence Number BR4713.
3. On behalf of Disposal Operator, Name

Signature Date

Please note: All services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of Business
Registered in England No. 2393309
Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY (File)

Duty of Care - Waste Transfer Note

shanks. waste solutions.

Shanks Waste Management Limited
Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18073

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04.
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB.
3. Vehicle Registration DU02 JCJ
4. On behalf of Waste Carrier, Name D. MOORE

Signature [signature] Date 7.1.09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 4HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name. M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 07/01/09.
Time 4.45pm

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713.
3. On behalf of Disposal Operator, Name

Signature Date

Please note: All services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of Business
Registered in England No. 2393309
Registered Office as above
V.A.T. Reg. No. 259 5477 13 WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY (File)

Duty of Care - Waste Transfer Note

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Shanks Waste Management Limited
Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18074

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON-HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration FX03 DVF
4. On behalf of Waste Carrier, Name McDermott

Signature M Phelan Date 7.1.09.

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 4HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 07/01/09
Time 04.55PM

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE (NORTH), SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

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Registered Office as above
V.A.T. Reg. No. 259 5477 13 WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY (File)

Duty of Care - Waste Transfer Note

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Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18125

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 14/01/09 Time 8.20AM

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration 0056 STU
4. On behalf of Waste Carrier, Name

Signature [signature] Date 14-1-09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE, CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN.
2. Site Licence Number BR4713.
3. On behalf of Disposal Operator, Name

Signature Date

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Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY (File)

Duty of Care - Waste Transfer Note

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Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18126

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOLST C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 14/01/09 Time 8.26AM

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NOW/268624/CB
3. Vehicle Registration BJ05 FSH
4. On behalf of Waste Carrier, Name

Signature [signature] Date 14/1/09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE, CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

Please note: All services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of Business
Registered in England No. 2393309
Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY (File)

Duty of Care - Waste Transfer Note

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Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18127

SECTION A – DESCRIPTION OF THE WASTE

1. Description: NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code: 17 05 04
3. Container Type: RIGID 8WTV
4. Quantity: 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address: NORWEST HOUSE C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point): AS ABOVE
3. On behalf of Producer, Name: M. PHILLIPS
4. Quantity: 20T NETT

Signature: M. Phillips Date: 14/01/09 Time: 11.50Am

SECTION C – WASTE CARRIER

1. Carrier Address: CLWYD TRANSPORT - LL11 1PF
2. Registered Carrier Number: NOW/268624/CB
3. Vehicle Registration: 0056 STV
4. On behalf of Waste Carrier, Name

Signature: Date: 14-1-09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address: SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number: BR4713
3. On behalf of Disposal Operator, Name

Signature Date

Please note: All services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of Business
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Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY (File)

Duty of Care - Waste Transfer Note

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Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18128

SECTION A – DESCRIPTION OF THE WASTE

1. Description: NON HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code: 17 05 04
3. Container Type: RIGID 8WTV
4. Quantity: 20T NETT

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address: NORWEST HOUSE C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point): AS ABOVE
3. On behalf of Producer, Name: M. PHILLIPS
4. Quantity: 20T NETT

Signature: M. Phillips Date: 14/01/09 Time: 12.00

SECTION C – WASTE CARRIER

1. Carrier Address: CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number: NOW/268624/CB
3. Vehicle Registration: BU05 FSA
4. On behalf of Waste Carrier, Name

Signature: Date: 14/1/09

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address: SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number: BR4713
3. On behalf of Disposal Operator, Name

Signature Date

Please note: All services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of Business
Registered in England No. 2393309
Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY (File)

Duty of Care - Waste Transfer Note

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Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18129

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LLII 1PF
2. Registered Carrier Number NAW/268624/CB
3. Vehicle Registration CO56 STV
4. On behalf of Waste Carrier, Name

Signature [signature] Date 14.1.09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOUSE C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 14/01/09 Time 2.50pm.

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

Please note: All services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of Business
Registered in England No. 2393309
Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY (File)

Duty of Care - Waste Transfer Note

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Shanks Waste Management Limited
Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18130

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON - HAZARDOUS CONTAM SOIL [SW090001]
2. EWC Code 17 05 04
3. Container Type RIGID 8WTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LLII 1PF
2. Registered Carrier Number NAW/268624/CB
3. Vehicle Registration BU05 FSA
4. On behalf of Waste Carrier, Name

Signature [signature] Date 14/1/09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOUSE C/O LANDCLEAN BANK STREET, GLEBELANDS, NEWPORT NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 14/01/09 Time 3.00 pm.

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

Please note: All services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of Business
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Registered Office as above
V.A.T. Reg. No. 259 5477 13

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Dunedin House, Auckland Pack, Mount Farm,
Milton Keynes, Buckinghamshire MK1 1BU
Telephone 01908 650650 Fax 01908 650999 www.shanks.co.uk

TICKET NUMBER S 18131

SECTION A – DESCRIPTION OF THE WASTE

1. Description NON HAZARDOUS CONTAM SOIL
2. EWC Code 17 05 04
3. Container Type RIGID BWTV
4. Quantity 20T NETT

SECTION C – WASTE CARRIER

1. Carrier Address CLWYD TRANSPORT LL11 1PF
2. Registered Carrier Number NAW/268624/CB
3. Vehicle Registration 0056 STU
4. On behalf of Waste Carrier, Name

Signature [signature] Date 14-1-09

SECTION B – PRODUCER/CURRENT HOLDER OF WASTE

1. Producer Address NORWEST HOUSE C/O LANDCARE BANK STREET, NEWPORT, NP19 7HF
2. Address of Transfer (Collection Point) AS ABOVE
3. On behalf of Producer, Name M. PHILLIPS
4. Quantity 20T NETT

Signature [signature] Date 14/01/09
Time 4.30pm

SECTION D – DISPOSAL/TREATMENT FACILITY

1. Disposal Address SHORTWOOD LANDFILL SITE CATTYBROOK LANE, SHORTWOOD, BRISTOL BS16 9NN
2. Site Licence Number BR4713
3. On behalf of Disposal Operator, Name

Signature Date

Please note: All services provided by Shanks Waste Management Limited are subject to our Special Conditions and our Standard Conditions of Business
Registered in England No. 2393309
Registered Office as above
V.A.T. Reg. No. 259 5477 13

WHITE COPY (Producer); PINK COPY (Carrier); YELLOW COPY (Disposer); BLUE COPY (File)

GRUNDON

The Hazardous Waste Regulations 2005: Consignment Note

H900/0752

RECEIVED
31 JUL 2008

RETURNS COPY

PART A Notification details

1. Consignment note code: NLV508/00002 Grundon ref: TG805583/62999 04/07/2008

2. The waste described below is to be removed from:

NORWEST HOLST LIMITED
GLEBELANDS (BY NEWPORT, BANK STREET, GLEBELANDS,
NEWPORT
NP19 7HF

Tel: 02920 776 346
Fax: 02920 777 198
e-mail:

4. The waste will be taken to:

R. GRUNDON (WASTE) LIMITED
HAZARDOUS WASTE INCINERATOR, LAKESIDE
ROAD, COLNBROOK, SLOUGH
SL3 0HX

Tel: 01753 686777
Fax: 01753 686002
e-mail:

5. The waste producer was (if different from 2):

G.D. Environmental

Tel:
Fax:
e-mail:

3. Premises Code (where applicable): NLV508

Hayes & Harlington

PART B Description of the waste

1. The process giving rise to the waste(s) was: CONSTRUCTION

2. SIC for the process giving rise to the waste: 45211 If a *continuation sheet is used, tick here* ☐

3. WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

Description of Waste	EWC Code	Qty (kg)	The chemical / biological components of the waste and their concentrations are	Concentration (% or mg/kg)	Physical Form	Haz Code	Container number, type and size
PCB CONTAMINATED WASTE	17 09 02*	1000	PCB'S	<50 PPM	Solid	H7	1x) TONNE BAGS

The information given below is to be completed for each EWC identified

EWC Code	Packing Group(s)	UN number(s)	Proper Shipping Name(s)	UN Class(es)	Special handling requirements
17 09 02*				9	

PART C Carrier's certificate

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Carrier Name: GD ENVIRONMENTAL LIMITED
On behalf of:

GD ENVIRONMENTAL LIMITED, 19 EAST BANK ROAD, NEWPORT, SOUTH WALES, NP19 4PP

Tel: 01633 275 444
Fax: 01633 250 888
e-mail:

PART D Consignor's Certificate

I certify that the information in A, B and C is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

1. Consignor Name: NORWEST HOLST LTD
On behalf of:

NORWEST HOLST LTD, CONSTRUCTION DIV, ASTRA HOUSE, IMPERIAL WAY, WATFORD, HERTS, WD24 4WW

Tel: 01923 476394
Fax: 01923 226852
e-mail:

GRUNDON N28 T47

The Hazardous Waste Regulations 2005: Consignment Note

H900/0751

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RECEIVED 31 JUL 2008

PART A Notification details

1. Consignment note code: NLV508/00003

Grundon ref: T0005593/63000 04/07/2008

2. The waste described below is to be removed from:

NORWEST HOLST LIMITED
OLDERLANDS PH NEWPORT, DANK STREET, OLDERLANDS,
NEWPORT
NP19 7HF

GD Environmental

Tel: 02920 776 748
Fax: 02920 777 198
e-mail:

4. The waste will be taken to:

S. GRUNDON (WASTE) LIMITED
EWELME TRANSFER STATION, COULDS GROVE,
EWELME, OXFORD
OX10 6PD

MP ✓

Tel: 01491 834340
Fax: 01491 834319
e-mail:

5. The waste producer was (if different from 2):

Tel:
Fax:
e-mail:

3. Premises Code (where applicable): NLV508

PART B Description of the waste

1. The process giving rise to the waste(s) was: CONSTRUCTION

2. SIC for the process giving rise to the waste: 45.21/1

If a *continuation sheet is used, tick here* ☐

3. WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

Description of Waste	EWC Code	Qty (kg)	The chemical / biological components of the waste and their concentrations are	Concentration (% or mg/kg)	Physical Form	Haz Code	Container number, type and size
PCB CONTAMINATED WASTE	17 09 02*	1000	PCB'S	5000PPM	Solid	HP7	1x1 TONNE BAGS

The information given below is to be completed for each EWC identified

EWC Code	Packing Group(s)	UN number(s)	Proper Shipping Name(s)	UN Class(es)	Special handling requirements
17 09 02*				0	

PART C Carrier's certificate

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Carrier Name: GD ENVIRONMENTAL LIMITED
On behalf of:

GD ENVIRONMENTAL LIMITED, 19 EAST BANK ROAD, NEWPORT, SOUTH WALES, NP19 4PP

Tel: 01633 275 444
Fax: 01633 290 668
e-mail:

PART D Consignor's Certificate

I certify that the information in A, B and C is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

1. Consignor Name: NORWEST HOLST LTD
On behalf of:

NORWEST HOLST LTD, CONSTRUCTION DIV., ASTRA HOUSE, IMPERIAL WAY, WATFORD, HERTS, WD24 4WW

Tel: 01923 470054
Fax: 01923 226856
e-mail:

GRUNDON

The Hazardous Waste Regulations 2005: Consignment Note

H900/0803

RETURNS COPY

PART A Notification details

1. Consignment note code: NLV508/00004

Grundon ref: T0805593/03362 11/07/2008

2. The waste described below is to be removed from:
NORWEST HOLST LIMITED
GLEBELANDS PH NEWPORT, BANK STREET, GLEBELANDS, NEWPORT
NP19 9HP

Tel: 02920 776 748
Fax: 02920 777 188
e-mail:

4. The waste will be taken to:
S. GRUNDON (WASTE) LIMITED
EWELME TRANSFER STATION, GOULDS GROVE, EWELME, OXFORD
OX10 6PT

Tel: 01491 834840
Fax: 01491 834819
e-mail:

5. The waste producer was (if different from 2):

RECEIVED
14 AUG 2008

Tel:
Fax:
e-mail:

ORIGINAL TO MP

3. Premises Code (where applicable): NLV508

PART B Description of the waste

1. The process giving rise to the waste(s) was: CONSTRUCTION

2. SIC for the process giving rise to the waste: 45.21/1 If a *continuation sheet is used, tick here* ☐

3. WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

Description of Waste	EWC Code	Qty (kg)	The chemical / biological components of the waste and their concentrations are	Concentration (% or mg/kg)	Physical Form	Haz Code	Container number, type and size
PCB CONTAMINATED WASTE	17 09 02*	10000	PCB'S	>50 PPM	Solid	H7	1x1 TONNE BAGS

The information given below is to be completed for each EWC identified

EWC Code	Packing Group(s)	UN number(s)	Proper Shipping Name(s)	UN Class(es)	Special handling requirements
17 09 02*				9	

PART C Carrier's certificate

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Carrier Name: GD ENVIRONMENTAL LIMITED

On behalf of:
GD ENVIRONMENTAL LIMITED, 19 EAST BANK ROAD, NEWPORT, SOUTH WALES, NP20 4PP

Tel: 01633 275 444
Fax: 01633 290 882
e-mail:

Carrier Registration no./Reason for exemption:

Vehicle Registration: CE52 NUA

Signature: Date: Time:

PART D Consignor's Certificate

I certify that the information in A, B and C is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

1. Consignor Name: NORWEST HOLST LTD

On behalf of:
NORWEST HOLST LTD, CONSTRUCTION DIV, ASTRA HOUSE, IMPERIAL WAY, WATFORD, HERTS, WD24 4WW

Tel: 01923 470394
Fax: 01923 226838
e-mail:

Signature: Date: Time:

PART E Consignee's certificate (where more than one waste type is collected all of the information below must be completed for each EWC)

Individual EWC code(s) received	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste management operation (R or D Code)
17 09 02*	10310	A	D5

3. Where the waste is rejected please give details:

1. I received this waste at the address given in A4 on

Date 31/07/08 Time: 1600

2. Vehicle Registration No (or mode of transport if not road): CE52 NUA WP23 UST

I certify that waste management licence/permit/authorised exemption no(s) authorises the management of the waste described in part B at the address given in A4

Name: Tim Buxton

On behalf of: AL

Signature

Date: 31/07/08

Time: 1600

C104/1008

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VEOLIA
ENVIRONMENTAL SERVICES

Certificate of Destruction

TWC 4359

1	Customer Details
Name	NORWEST HOLST LIMITED
Address	PROJECT OFFICE
	BUILDING SITE
For the attention of	RICHARD HOGG

2	Waste Details		
Your Reference	NLV508/CY9G3	Waste Specification No: 902347	
Waste Producer	NORWEST HOLST LIMITED		
Waste Description	SOIL CONTAMINATED WITH PCB'S		
Quantity Delivered	17.84te	Date of Delivery	08/08/2008
	17.09t	Haulier Reference	TWC04359

3	Certification
	This is to certify that the waste material detailed above has been received at our Ellesmere Port plant and destroyed by high temperature oxidation. The resulting combustion gases have been treated in accordance with all statutory regulations in force at the plant.
Signature	Title Stock Control Manager Date: 17/09/2008
	For Veolia ES (UK) Ltd

4	Permit Details	5	Plant Address
Authorisation No BS5193IE Issued by: The Environment Agency PPC Permitting Section, Richard Fairclough House Warrington, Cheshire WA4 1HG Tel 0870 80 70 60 Fax (01925) 415961		Veolia ES (UK) Ltd Incineration Plant Bridges Road Ellesmere Port South Wirral Cheshire CH65 4EQ Tel (0151) 348 5000 Fax (0151) 348 5207	

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VEOLIA
ENVIRONMENTAL SERVICES

Certificate of Destruction

TWC 4360

1	Customer Details
Name	NORWEST HOLST LIMITED
Address	1 BANK STREET
	NEWPORT NP19 7HF
For the attention of	RICHARD HOGG

2	Waste Details	
Your Reference	NLV508/CY9G4	Waste Specification No: 902347
Waste Producer	NORWEST HOLST LIMITED	
Waste Description	SOIL CONTAMINATED WITH PCB'S	
Quantity Delivered	19.48te	Date of Delivery 12/08/2008
	19.052	Haulier Reference TWC04360

3	Certification
	This is to certify that the waste material detailed above has been received at our Ellesmere Port plant and destroyed by high temperature oxidation. The resulting combustion gases have been treated in accordance with all statutory regulations in force at the plant.
Signature	Title Stock Control Manager Date: 20/08/2008
	For Veolia ES (UK) Ltd

4 Permit Details	5 Plant Address
Authorisation No BS5193IE Issued by: The Environment Agency PPC Permitting Section, Richard Fairclough House Warrington, Cheshire WA4 1HG Tel 0870 80 70 60 Fax (01925) 415961	Veolia ES (UK) Ltd Incineration Plant Bridges Road Ellesmere Port South Wirral Cheshire CH65 4EQ Tel (0151) 348 5000 Fax (0151) 348 5207

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VEOLIA
ENVIRONMENTAL SERVICES

Certificate of Destruction

TWC 4361

1	Customer Details
Name	NORWEST HOLST LIMITED
Address	1 BANK STREET
	NEWPORT NP19 7HF
For the attention of	RICHARD HOGG

2	Waste Details	
Your Reference	NLV508/CY9G5	Waste Specification No: 902347
Waste Producer	NORWEST HOLST LIMITED	
Waste Description	SOIL CONTAMINATED WITH PCB'S	
Quantity Delivered	20.22te	Date of Delivery 14/06/2008
	17.709	Haulier Reference TWC04361

3	Certification
	This is to certify that the waste material detailed above has been received at our Ellesmere Port plant and destroyed by high temperature oxidation. The resulting combustion gases have been treated in accordance with all statutory regulations in force at the plant.
Signature	Title Stock Control Manager Date: 20/08/2008
	For Veolia ES (UK) Ltd

4 Permit Details	5 Plant Address
Authorisation No BS5193IE Issued by: The Environment Agency PPC Permitting Section, Richard Fairclough House Warrington, Cheshire WA4 1HG Tel 0870 80 70 60 Fax (01925) 415961	Veolia ES (UK) Ltd Incineration Plant Bridges Road Ellesmere Port South Wirral Cheshire CH65 4EQ Tel (0151) 348 5000 Fax (0151) 348 5207

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VEOLIA
ENVIRONMENTAL SERVICES

Certificate of Destruction

TWC 4689

1	Customer Details
Name	NORWEST HOLST LIMITED
Address	1 BANK STREET
	NEWPORT NP19 7HF
For the attention of	RICHARD HOGG

2	Waste Details		
Your Reference	NLV508/CY9MA	Waste Specification No: 902347	
Waste Producer	NORWEST HOLST LIMITED		
Waste Description	SOIL CONTAMINATED WITH PCBS		
Quantity Delivered	19.9te	Date of Delivery	18/08/2008
19.431		Haulier Reference	TWC04689

4.30

3	Certification
	This is to certify that the waste material detailed above has been received at our Ellesmere Port plant and destroyed by high temperature oxidation. The resulting combustion gases have been treated in accordance with all statutory regulations in force at the plant.
Signature	Title Stock Control Manager Date: 27/08/2008
	For Veolia ES (UK) Ltd

4 Permit Details	5 Plant Address
Authorisation No BS5193IE Issued by: The Environment Agency PPC Permitting Section, Richard Fairclough House Warrington, Cheshire WA4 1HG Tel 0870 80 70 60 Fax (01925) 415961	Veolia ES (UK) Ltd Incineration Plant Bridges Road Ellesmere Port South Wirral Cheshire CH65 4EQ Tel (0151) 348 5000 Fax (0151) 348 5207

W7

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VEOLIA
ENVIRONMENTAL SERVICES

Certificate of Destruction

TWC 4690

1	Customer Details
Name	NORWEST HOLST LIMITED
Address	1 BANK STREET
	NEWPORT NP19 7HF
For the attention of	RICHARD HOGG

2	Waste Details		
Your Reference	NLV508/CY9MB	Waste Specification No: 902347	
Waste Producer	NORWEST HOLST LIMITED		
Waste Description	SOIL CONTAMINATED WITH PCBS		
Quantity Delivered	19.92te 19.47	Date of Delivery	18/08/2008
		Haulier Reference	TWC04690

3	Certification
	This is to certify that the waste material detailed above has been received at our Ellesmere Port plant and destroyed by high temperature oxidation. The resulting combustion gases have been treated in accordance with all statutory regulations in force at the plant.
Signature	Title Stock Control Manager Date: 27/08/2008
	For Veolia ES (UK) Ltd

4 Permit Details	5 Plant Address
Authorisation No BS5193IE Issued by: The Environment Agency PPC Permitting Section, Richard Fairclough House Warrington, Cheshire WA4 1HG Tel 0870 80 70 60 Fax (01925) 415961	Veolia ES (UK) Ltd Incineration Plant Bridges Road Ellesmere Port South Wirral Cheshire CH65 4EQ Tel (0151) 348 5000 Fax (0151) 348 5207

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VEOLIA
ENVIRONMENTAL SERVICES

Certificate of Destruction

TWC 4691

1	Customer Details
Name	NORWEST HOLST LIMITED
Address	PROJECT OFFICE
	BUILDING SITE
For the attention of	RICHARD HOGG

2	Waste Details		
Your Reference	NLV508/CY9MC	Waste Specification No: 902347	
Waste Producer	NORWEST HOLST LIMITED		
Waste Description	SOIL CONTAMINATED WITH PCB'S		
Quantity Delivered	20.48te	Date of Delivery	20/08/2008
	19.96C	Haulier Reference	TWC04691

3	Certification
	This is to certify that the waste material detailed above has been received at our Ellesmere Port plant and destroyed by high temperature oxidation. The resulting combustion gases have been treated in accordance with all statutory regulations in force at the plant.
Signature	Gary Cockcroft Title Stock Control Manager Date: 17/09/2008
	For Veolia ES (UK) Ltd

4 Permit Details	5 Plant Address
Authorisation No BS5193IE Issued by: The Environment Agency PPC Permitting Section, Richard Fairclough House Warrington, Cheshire WA4 1HG Tel 0870 80 70 60 Fax (01925) 415961	Veolia ES (UK) Ltd Incineration Plant Bridges Road Ellesmere Port South Wirral Cheshire CH65 4EQ Tel (0151) 348 5000 Fax (0151) 348 5207

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VEOLIA
ENVIRONMENTAL SERVICES

Certificate of Destruction

TWC 4692

1	Customer Details
Name	NORWEST HOLST LIMITED
Address	1 BANK STREET
	NEWPORT NP19 7HF
For the attention of	RICHARD HOGG

2	Waste Details	
Your Reference	NLV508/CY9MD	Waste Specification No: 902347
Waste Producer	NORWEST HOLST LIMITED	
Waste Description	SOIL CONTAMINATED WITH PCB'S	
Quantity Delivered	20.14te	Date of Delivery 22/08/2008
	19.233	Haulier Reference TWC04692

3	Certification
	This is to certify that the waste material detailed above has been received at our Ellesmere Port plant and destroyed by high temperature oxidation. The resulting combustion gases have been treated in accordance with all statutory regulations in force at the plant.
Signature	Title Stock Control Manager Date: 03/09/2008
	For Veolia ES (UK) Ltd

4 Permit Details	5 Plant Address
Authorisation No BS5193IE Issued by: The Environment Agency PPC Permitting Section, Richard Fairclough House Warrington, Cheshire WA4 1HG Tel 0870 80 70 60 Fax (01925) 415961	Veolia ES (UK) Ltd Incineration Plant Bridges Road Ellesmere Port South Wirral Cheshire CH65 4EQ Tel (0151) 348 5000 Fax (0151) 348 5207

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VEOLIA
ENVIRONMENTAL SERVICES

Certificate of Destruction

TWC 5074

1	Customer Details
Name	NORWEST HOLST LIMITED
Address	1 BANK STREET
	NEWPORT NP19 7HF
For the attention of	RICHARD HOGG

2	Waste Details	
Your Reference	NLV508/CY9SN	Waste Specification No: 902347
Waste Producer	NORWEST HOLST LIMITED	
Waste Description	SOIL CONTAMINATED WITH PCB'S	
Quantity Delivered	20.34te	Date of Delivery 26/08/2008
	19.971	Haulier Reference TWC05074

3	Certification
	This is to certify that the waste material detailed above has been received at our Ellesmere Port plant and destroyed by high temperature oxidation. The resulting combustion gases have been treated in accordance with all statutory regulations in force at the plant.
Signature	Title Stock Control Manager Date: 03/09/2008
	For Veolia ES (UK) Ltd

4 Permit Details	5 Plant Address
Authorisation No BS5193IE Issued by: The Environment Agency PPC Permitting Section, Richard Fairclough House Warrington, Cheshire WA4 1HG Tel 0870 80 70 60 Fax (01925) 415961	Veolia ES (UK) Ltd Incineration Plant Bridges Road Ellesmere Port South Wirral Cheshire CH65 4EQ Tel (0151) 348 5000 Fax (0151) 348 5207

GRUNDON

The Hazardous Waste Regulations 2005: Consignment Note

RETURNS COPY

PART A Notification details

1. Consignment note code: NLV508/00001

Grundon ref: T08659W/62998 26/06/2008

2. The waste described below is to be removed from:

NORWEST HOLST LIMITED
GLEBELANDS PH NEWPORT, BANK STREET, GLEBELANDS, NEWPORT
NP19 7HP

Tel: 02920 776 748
Fax: 02920 777 188
e-mail:

4. The waste will be taken to:

S. GRUNDON (WASTE) LIMITED
HAZARDOUS WASTE INCINERATOR, LAKESIDE ROAD, COLNBROOK, SLOUGH
SL3 0EQ

Tel: 01753 686777
Fax: 01753 686002
e-mail:

5. The waste producer was (if different from 2):

Tel:
Fax:
e-mail:

3. Premises Code (where applicable): NLV508

PART B Description of the waste

1. The process giving rise to the waste(s) was: CONSTRUCTION

2. SIC for the process giving rise to the waste: 45.21/1

If a *continuation sheet is used, tick here* ☐

3. WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

Description of Waste	EWC Code	Qty (kg)	The chemical / biological components of the waste and their concentrations are	Concentration (% or mg/kg)	Physical Form	Haz Code	Container number, type and size
PCB CONTAMINATED WASTE	17 09 02*	10000	PCB'S	>50 PPM	Solid	H7	1x1 TONNE BAGS

The information given below is to be completed for each EWC identified

EWC Code	Packing Group(s)	UN number(s)	Proper Shipping Name(s)	UN Class(es)	Special handling requirements
17 09 02*				9	

PART C Carrier's certificate

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Carrier Name: GD ENVIRONMENTAL LIMITED
On behalf of:
GD ENVIRONMENTAL LIMITED, 19 EAST DOCK ROAD, NEWPORT, SOUTH WALKS, NP20 2AF

Tel: 01633 275 444
Fax: 01633 250 888
e-mail:

ORIGINAL NOT SIGNED BECAUSE DRIVER DIDN'T BRING IT TO SITE

Carrier Registration no./Reason for exemption: Vehicle Registration:

Signature: Date: Time:

PART D Consignor's Certificate

I certify that the information in A, B and C is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

1. Consignor Name: NORWEST HOLST LTD
On behalf of:
NORWEST HOLST LTD, CONSTRUCTION DIV, ASTRA HOUSE, IMPERIAL WAY, WATFORD, HERTS, WD24 4WW

Tel: 01923 476594
Fax: 01923 236552
e-mail:

Signature: Date: 26/6/8 Time:

PART E Consignee's certificate (where more than one waste type is collected all of the information below must be completed for each EWC

Individual EWC code(s) received	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste management operation (R or D Code)
17 09 02*	14.46 tn	ACC	D10

3. Where the waste is rejected please give details:

1. I received this waste at the address given in A4 on

Date 26/6/08 Time:

2. Vehicle Registration No (or mode of transport if not road):

I certify that waste management licence/permit/authorised exemption no(s) authorises the management of the waste described in part B at the address given in A4

Name: T. Richardson

On behalf of:

Signature

Date: 26/6/08

Time: 12:15

W12

The Hazardous Waste Regulations 2005: Consignment Note

RETURNS COPY

PART A Notification details

1. Consignment note code: MLV506/00008 Grundon ref: TOR0593/65375 26/08/2008

2. The waste described below is to be removed from:
NORWEST HOLST LIMITED
OLDBILANDS PH NEWPORT, BANK STREET, OLDBILANDS,
NEWPORT
NP19 7HF

Tel: 02920 776 748
Fax: 02920 777 188
e-mail:

4. The waste will be taken to:
S. GRUNDON (WASTE) LIMITED
EWELME TRANSFER STATION, GOULDS GROVE,
EWELME, OXFORD
OX10 6HJ

Tel: 01491 834340
Fax: 01491 834319
e-mail:

5. The waste producer was (if different from 2):

Tel:
Fax:
e-mail:

3. Premises Code (where applicable): NLV306

PART B Description of the waste

1. The process giving rise to the waste(s) was: CONSTRUCTION 2. SIC for the process giving rise to the waste: 45.21/1 If a *continuation sheet is used, tick here* ☐

3. WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

Description of Waste	EWC Code	Qty (kg)	The chemical / biological components of the waste and their concentrations are	Concentration (% or mg/kg)	Physical Form	Haz Code	Container number, type and size
PCB CONTAMINATED WASTE	17 09 02*	10000	PCB'S	>50 PPM	Solid	H7	1(46) TONNE BAGS

The information given below is to be completed for each EWC identified

EWC Code	Packing Group(s)	UN number(s)	Proper Shipping Name(s)	UN Class(es)	Special handling requirements
17 09 02*				0	

PART C Carrier's certificate

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Carrier Name: GD ENVIRONMENTAL LIMITED
On behalf of:
GD ENVIRONMENTAL LIMITED, 19 EAST [illegible] ROAD, NEWPORT, SOUTH WALES, NP19 4PP
Tel: 01633 275 444
Fax: 01633 250 888
e-mail:

Carrier Registration no./Reason for exemption: SEW/656071

Vehicle Registration: WX08 FTC

Signature: [signature] Date: 27 08 08 Time:

PART D Consignor's Certificate

I certify that the information in A, B and C is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

1. Consignor Name: NORWEST HOLST LTD
On behalf of:
NORWEST HOLST LTD, CONSTRUCTION DIV, ASTRA HOUSE, IMPERIAL WAY, WATFORD, HERTS, WD24 4WW
Tel: 01923 470394
Fax: 01923 226888
e-mail:

[signature] Signed 15/09/08

Signature: [signature] Date: 27/08/08 Time: 5 PM

PART E Consignee's certificate (where more than one waste type is collected all of the information below must be completed for each EWC

Individual EWC code(s) received	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste management operation (R or D Code)
17 09 02*	15360	A	D15

3. Where the waste is rejected please give details:

1. I received this waste at the address given in A4 on

Date 27/08/08 Time: 9 00

2. Vehicle Registration No (or mode of transport if not road): WX08 FTC

I certify that waste management licence/permit/authorised exemption no(s) authorises the management of the waste described in part B at the address given in A4 WP323 US

Name: Tim Buxton

On behalf of: MU

Signature [signature] Date: 27/08/08

Time: 9 00 W17

C104/1059
MP

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VEOLIA
ENVIRONMENTAL SERVICES

Certificate of Destruction

TWC 5995

1	Customer Details
Name	NORWEST HOLST LIMITED
Address	PROJECT OFFICE
	BUILDING SITE
For the attention of	RICHARD HOGG

2	Waste Details	
Your Reference	NLV508/CY95E	Waste Specification No: 356172
Waste Producer	NORWEST HOLST LIMITED	
Waste Description	SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS	
Quantity Delivered	18.76te	Date of Delivery 08/09/2008
		Haulier Reference TWC05995

3	Certification
	This is to certify that the waste material detailed above has been received at our Ellesmere Port plant and destroyed by high temperature oxidation. The resulting combustion gases have been treated in accordance with all statutory regulations in force at the plant.
Signature	Title Stock Control Manager Date: 24/09/2008
	For Veolia ES (UK) Ltd

4 Permit Details	5 Plant Address
Authorisation No BS5193IE Issued by: The Environment Agency PPC Permitting Section, Richard Fairclough House Warrington, Cheshire WA4 1HG Tel 0870 80 70 60 Fax (01925) 415961	Veolia ES (UK) Ltd Incineration Plant Bridges Road Ellesmere Port South Wirral Cheshire CH65 4EQ Tel (0151) 348 5000 Fax (0151) 348 5207

W14

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VEOLIA
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Certificate of Destruction

TWC 5996

1	Customer Details
Name	NORWEST HOLST LIMITED
Address	PROJECT OFFICE
	BUILDING SITE
For the attention of	RICHARD HOGG

2	Waste Details	
Your Reference	NLV508/CY95F	Waste Specification No: 356172
Waste Producer	NORWEST HOLST LIMITED	
Waste Description	SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS	
Quantity Delivered	18.66te	Date of Delivery 10/09/2008
		Haulier Reference TWC05996

3	Certification
	This is to certify that the waste material detailed above has been received at our Ellesmere Port plant and destroyed by high temperature oxidation. The resulting combustion gases have been treated in accordance with all statutory regulations in force at the plant.
Signature	Title Stock Control Manager Date: 24/09/2008
	For Veolia ES (UK) Ltd

4	Permit Details	5	Plant Address
Authorisation No BS5193IE Issued by: The Environment Agency PPC Permitting Section, Richard Fairclough House Warrington, Cheshire WA4 1HG Tel 0870 80 70 60 Fax (01925) 415961		Veolia ES (UK) Ltd Incineration Plant Bridges Road Ellesmere Port South Wirral Cheshire CH65 4EQ Tel (0151) 348 5000 Fax (0151) 348 5207	

(WC)

C104/1096

VEOLIA
ENVIRONMENTAL SERVICES

Certificate of Destruction

TWC 5997

1	Customer Details
Name	NORWEST HOLST LIMITED
Address	PROJECT OFFICE
	BUILDING SITE
For the attention of	RICHARD HOGG

2	Waste Details		
Your Reference	NLV508/CY95G	Waste Specification No:	356172
Waste Producer	NORWEST HOLST LIMITED		
Waste Description	SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS		
Quantity Delivered	16.36te	Date of Delivery	12/09/2008
	15.96	Haulier Reference	TWC05997

3	Certification
	This is to certify that the waste material detailed above has been received at our Ellesmere Port plant and destroyed by high temperature oxidation. The resulting combustion gases have been treated in accordance with all statutory regulations in force at the plant.
Signature	Title Stock Control Manager Date: 30/09/2008
	For Veolia ES (UK) Ltd

4	Permit Details	5	Plant Address
Authorisation No BS5193IE Issued by: The Environment Agency PPC Permitting Section, Richard Fairclough House Warrington, Cheshire WA4 1HG Tel 0870 80 70 60 Fax (01925) 415961		Veolia ES (UK) Ltd Incineration Plant Bridges Road Ellesmere Port South Wirral Cheshire CH65 4EQ Tel (0151) 348 5000 Fax (0151) 348 5207	

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VEOLIA
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Certificate of Destruction

TWC 6369

1	Customer Details
Name	NORWEST HOLST LIMITED
Address	PROJECT OFFICE
	BUILDING SITE
For the attention of	RICHARD HOGG

2	Waste Details		
Your Reference	NLV508/CYAAD	Waste Specification No:	356172
Waste Producer	NORWEST HOLST LIMITED		
Waste Description	SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS		
Quantity Delivered	18.14te	Date of Delivery	15/09/2008
	17.90	Haulier Reference	TWC06369

3	Certification
	This is to certify that the waste material detailed above has been received at our Ellesmere Port plant and destroyed by high temperature oxidation. The resulting combustion gases have been treated in accordance with all statutory regulations in force at the plant.
Signature	Gary Cockcroft Title Stock Control Manager Date: 30/09/2008
	For Veolia ES (UK) Ltd

4 Permit Details	5 Plant Address
Authorisation No BS5193IE Issued by: The Environment Agency PPC Permitting Section, Richard Fairclough House Warrington, Cheshire WA4 1HG Tel 0870 80 70 60 Fax (01925) 415961	Veolia ES (UK) Ltd Incineration Plant Bridges Road Ellesmere Port South Wirral Cheshire CH65 4EQ Tel (0151) 348 5000 Fax (0151) 348 5207

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C104/1095

VEOLIA
ENVIRONMENTAL SERVICES

Certificate of Destruction

TWC 6370

1	Customer Details
Name	NORWEST HOLST LIMITED
Address	PROJECT OFFICE
	BUILDING SITE
For the attention of	RICHARD HOGG

2	Waste Details		
Your Reference	NLV508/CYAAE	Waste Specification No:	356172
Waste Producer	NORWEST HOLST LIMITED		
Waste Description	SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS		
Quantity Delivered	13.92te	Date of Delivery	17/09/2008
	13.95	Haulier Reference	TWC06370

3	Certification
	This is to certify that the waste material detailed above has been received at our Ellesmere Port plant and destroyed by high temperature oxidation. The resulting combustion gases have been treated in accordance with all statutory regulations in force at the plant.
Signature	Title Stock Control Manager Date: 30/09/2008
	For Veolia ES (UK) Ltd

4 Permit Details	5 Plant Address
Authorisation No BS5193IE Issued by: The Environment Agency PPC Permitting Section, Richard Fairclough House Warrington, Cheshire WA4 1HG Tel 0870 80 70 60 Fax (01925) 415961	Veolia ES (UK) Ltd Incineration Plant Bridges Road Ellesmere Port South Wirral Cheshire CH65 4EQ Tel (0151) 348 5000 Fax (0151) 348 5207

CCPS
MP ✓

C164/1094

VEOLIA
ENVIRONMENTAL SERVICES

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02 OCT 2008

Certificate of Destruction

TWC 6371

1	Customer Details
Name	NORWEST HOLST LIMITED
Address	PROJECT OFFICE
	BUILDING SITE
For the attention of	RICHARD HOGG

2	Waste Details		
Your Reference	NLV508/CYAAF	Waste Specification No:	356172
Waste Producer	NORWEST HOLST LIMITED		
Waste Description	SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS		
Quantity Delivered	17.92te 17.99	Date of Delivery	19/09/2008
		Haulier Reference	TWC06371

3	Certification
	This is to certify that the waste material detailed above has been received at our Ellesmere Port plant and destroyed by high temperature oxidation. The resulting combustion gases have been treated in accordance with all statutory regulations in force at the plant.
Signature	Gary Cockroft Title Stock Control Manager Date: 30/09/2008
	For Veolia ES (UK) Ltd

4 Permit Details	5 Plant Address
Authorisation No BS5193IE Issued by: The Environment Agency PPC Permitting Section, Richard Fairclough House Warrington, Cheshire WA4 1HG Tel 0870 80 70 60 Fax (01925) 415961	Veolia ES (UK) Ltd Incineration Plant Bridges Road Ellesmere Port South Wirral Cheshire CH65 4EQ Tel (0151) 348 5000 Fax (0151) 348 5207

copy
MP ✓

C104 | 1144

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13 OCT 2008

VEOLIA
ENVIRONMENTAL SERVICES

Certificate of Destruction

TWC 6706

1	Customer Details
Name	NORWEST HOLST LIMITED
Address	PROJECT OFFICE
	BUILDING SITE
For the attention of	RICHARD HOGG

2	Waste Details	
Your Reference	NLV508/CYAD2	Waste Specification No: 356172
Waste Producer	NORWEST HOLST LIMITED	
Waste Description	SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS	
Quantity Delivered	15.94te	Date of Delivery 22/09/2008
	15.93T	Haulier Reference TWC06706

3	Certification
	This is to certify that the waste material detailed above has been received at our Ellesmere Port plant and destroyed by high temperature oxidation. The resulting combustion gases have been treated in accordance with all statutory regulations in force at the plant.
Signature	Title Stock Control Manager Date: 09/10/2008
	For Veolia ES (UK) Ltd

4 Permit Details	5 Plant Address
Authorisation No BS5193IE Issued by: The Environment Agency PPC Permitting Section, Richard Fairclough House Warrington, Cheshire WA4 1HG Tel 0870 80 70 60 Fax (01925) 415961	Veolia ES (UK) Ltd Incineration Plant Bridges Road Ellesmere Port South Wirral Cheshire CH65 4EQ Tel (0151) 348 5000 Fax (0151) 348 5207

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Certificate of Destruction

TWC 6707

1	Customer Details
Name	NORWEST HOLST LIMITED
Address	PROJECT OFFICE
	BUILDING SITE
For the attention of	RICHARD HOGG

2	Waste Details	
Your Reference	NLV508/CYAD3	Waste Specification No: 356172
Waste Producer	NORWEST HOLST LIMITED	
Waste Description	SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS	
Quantity Delivered	15.52te	Date of Delivery 23/09/2008
	15.56T	Haulier Reference TWC06707

3	Certification
	This is to certify that the waste material detailed above has been received at our Ellesmere Port plant and destroyed by high temperature oxidation. The resulting combustion gases have been treated in accordance with all statutory regulations in force at the plant.
Signature	Title Stock Control Manager Date: 09/10/2008
	For Veolia ES (UK) Ltd

4 Permit Details	5 Plant Address
Authorisation No BS5193IE Issued by: The Environment Agency PPC Permitting Section, Richard Fairclough House Warrington, Cheshire WA4 1HG Tel 0870 80 70 60 Fax (01925) 415961	Veolia ES (UK) Ltd Incineration Plant Bridges Road Ellesmere Port South Wirral Cheshire CH65 4EQ Tel (0151) 348 5000 Fax (0151) 348 5207

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C104/1448

VEOLIA
ENVIRONMENTAL SERVICES

Certificate of Destruction

TWC 34737

1	Customer Details
Name	NORWEST HOLST LIMITED
Address	PROJECT OFFICE
	BUILDING SITE
For the attention of	RICHARD HOGG

2	Waste Details	
Your Reference	NLV508/CYARE	Waste Specification No: 356172
Waste Producer	NORWEST HOLST LIMITED	
Waste Description	SOIL C/W POLYCHLORINATED BIPHENYLS	
Quantity Delivered	18.36te	Date of Delivery 14/10/2008
		Haulier Reference TWC34737

3	Certification
	This is to certify that the waste material detailed above has been received at our Ellesmere Port plant and destroyed by high temperature oxidation. The resulting combustion gases have been treated in accordance with all statutory regulations in force at the plant.
Signature	Title Stock Control Manager Date: 12/02/2009
	For Veolia ES (UK) Ltd RE-PRINT

4	Permit Details	5	Plant Address
Authorisation No BS5193IE Issued by: The Environment Agency PPC Permitting Section, Richard Fairclough House Warrington, Cheshire WA4 1HG Tel 0870 80 70 60 Fax (01925) 415961		Veolia ES (UK) Ltd Incineration Plant Bridges Road Ellesmere Port South Wirral Cheshire CH65 4EQ Tel (0151) 348 5000 Fax (0151) 348 5207	

C104/1093

VEOLIA
ENVIRONMENTAL SERVICES

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12 OCT 2008

Certificate of Destruction

TWC 6708

1	Customer Details
Name	NORWEST HOLST LIMITED
Address	PROJECT OFFICE
	BUILDING SITE
For the attention of	RICHARD HOGG

2	Waste Details		
Your Reference	NLV508/CYAD4	Waste Specification No:	356172
Waste Producer	NORWEST HOLST LIMITED		
Waste Description	SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS		
Quantity Delivered	16.6te 16.54	Date of Delivery	26/09/2008
		Haulier Reference	TWC06708

3	Certification
	This is to certify that the waste material detailed above has been received at our Ellesmere Port plant and destroyed by high temperature oxidation. The resulting combustion gases have been treated in accordance with all statutory regulations in force at the plant.
Signature	Gary Cockcroft Title Stock Control Manager Date: 30/09/2008
	For Veolia ES (UK) Ltd

4 Permit Details	5 Plant Address
Authorisation No BS5193IE Issued by: The Environment Agency PPC Permitting Section, Richard Fairclough House Warrington, Cheshire WA4 1HG Tel 0870 80 70 60 Fax (01925) 415961	Veolia ES (UK) Ltd Incineration Plant Bridges Road Ellesmere Port South Wirral Cheshire CH65 4EQ Tel (0151) 348 5000 Fax (0151) 348 5207

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C104/1143

VEOLIA
ENVIRONMENTAL SERVICES

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13 OCT 2008

Certificate of Destruction

TWC 7398

1	Customer Details
Name	NORWEST HOLST LIMITED
Address	PROJECT OFFICE
	BUILDING SITE
For the attention of	RICHARD HOGG

2	Waste Details	
Your Reference	NLV508/CYAIW	Waste Specification No: 356172
Waste Producer	NORWEST HOLST LIMITED	
Waste Description	SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS	
Quantity Delivered	16.92te	Date of Delivery 29/09/2008
	16.85T	Haulier Reference TWC07398

3	Certification
	This is to certify that the waste material detailed above has been received at our Ellesmere Port plant and destroyed by high temperature oxidation. The resulting combustion gases have been treated in accordance with all statutory regulations in force at the plant.
Signature	Gary Cockcroft Title Stock Control Manager Date: 09/10/2008
	For Veolia ES (UK) Ltd

4 Permit Details	5 Plant Address
Authorisation No BS5193IE Issued by: The Environment Agency PPC Permitting Section, Richard Fairclough House Warrington, Cheshire WA4 1HG Tel 0870 80 70 60 Fax (01925) 415961	Veolia ES (UK) Ltd Incineration Plant Bridges Road Ellesmere Port South Wirral Cheshire CH65 4EQ Tel (0151) 348 5000 Fax (0151) 348 5207

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VEOLIA
ENVIRONMENTAL SERVICES

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24 OCT 2008

Certificate of Destruction

TWC 7399

1	Customer Details
Name	NORWEST HOLST LIMITED
Address	PROJECT OFFICE
	BUILDING SITE
For the attention of	RICHARD HOGG

2	Waste Details		
Your Reference	NLV508/CYAIX	Waste Specification No: 356172	
Waste Producer	NORWEST HOLST LIMITED		
Waste Description	SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS		
Quantity Delivered	18.02te	Date of Delivery	30/09/2008
	18.15te	Haulier Reference	TWC07399

3	Certification
	This is to certify that the waste material detailed above has been received at our Ellesmere Port plant and destroyed by high temperature oxidation. The resulting combustion gases have been treated in accordance with all statutory regulations in force at the plant.
Signature	Title Stock Control Manager Date: 22/10/2008
	For Veolia ES (UK) Ltd

4 Permit Details	5 Plant Address
Authorisation No BS5193IE Issued by: The Environment Agency PPC Permitting Section, Richard Fairclough House Warrington, Cheshire WA4 1HG Tel 0870 80 70 60 Fax (01925) 415961	Veolia ES (UK) Ltd Incineration Plant Bridges Road Ellesmere Port South Wirral Cheshire CH65 4EQ Tel (0151) 348 5000 Fax (0151) 348 5207

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VEOLIA
ENVIRONMENTAL SERVICES

Certificate of Destruction

TWC 7400

1	Customer Details
Name	NORWEST HOLST LIMITED
Address	PROJECT OFFICE
	BUILDING SITE
For the attention of	RICHARD HOGG

2	Waste Details		
Your Reference	NLV508/CYAIY	Waste Specification No: 356172	
Waste Producer	NORWEST HOLST LIMITED		
Waste Description	SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS		
Quantity Delivered	17.12te	Date of Delivery	02/10/2008
	17.169te	Haulier Reference	TWC07400

3	Certification
	This is to certify that the waste material detailed above has been received at our Ellesmere Port plant and destroyed by high temperature oxidation. The resulting combustion gases have been treated in accordance with all statutory regulations in force at the plant.
Signature	Gary Cockcroft Title Stock Control Manager Date: 22/10/2008
	For Veolia ES (UK) Ltd

4 Permit Details	5 Plant Address
Authorisation No BS5193IE Issued by: The Environment Agency PPC Permitting Section, Richard Fairclough House Warrington, Cheshire WA4 1HG Tel 0870 80 70 60 Fax (01925) 415961	Veolia ES (UK) Ltd Incineration Plant Bridges Road Ellesmere Port South Wirral Cheshire CH65 4EQ Tel (0151) 348 5000 Fax (0151) 348 5207

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C104 | 1207

VEOLIA
ENVIRONMENTAL SERVICES

Certificate of Destruction

TWC 7401

1	Customer Details
Name	NORWEST HOLST LIMITED
Address	PROJECT OFFICE
	BUILDING SITE
For the attention of	RICHARD HOGG

2	Waste Details		
Your Reference	NLV508/CYAIZ	Waste Specification No:	356172
Waste Producer	NORWEST HOLST LIMITED		
Waste Description	SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS		
Quantity Delivered	18.54te	Date of Delivery	03/10/2008
	IR. 356te	Haulier Reference	TWC07401

3	Certification
	This is to certify that the waste material detailed above has been received at our Ellesmere Port plant and destroyed by high temperature oxidation. The resulting combustion gases have been treated in accordance with all statutory regulations in force at the plant.
Signature	Title Stock Control Manager Date: 29/10/2008
	For Veolia ES (UK) Ltd

4 Permit Details	5 Plant Address
Authorisation No BS5193IE Issued by: The Environment Agency PPC Permitting Section, Richard Fairclough House Warrington, Cheshire WA4 1HG Tel 0870 80 70 60 Fax (01925) 415961	Veolia ES (UK) Ltd Incineration Plant Bridges Road Ellesmere Port South Wirral Cheshire CH65 4EQ Tel (0151) 348 5000 Fax (0151) 348 5207

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VEOLIA
ENVIRONMENTAL SERVICES

Certificate of Destruction

TWC 7711

1	Customer Details
Name	NORWEST HOLST LIMITED
Address	PROJECT OFFICE
	BUILDING SITE
For the attention of	RICHARD HOGG

2	Waste Details		
Your Reference	NLV508/CYAMC	Waste Specification No: 356172	
Waste Producer	NORWEST HOLST LIMITED		
Waste Description	SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS		
Quantity Delivered	14.5te	Date of Delivery	06/10/2008
	14.23te	Haulier Reference	TWC07711

3	Certification
	This is to certify that the waste material detailed above has been received at our Ellesmere Port plant and destroyed by high temperature oxidation. The resulting combustion gases have been treated in accordance with all statutory regulations in force at the plant.
Signature	Gary Cockcroft Title Stock Control Manager Date: 22/10/2008
	For Veolia ES (UK) Ltd

4 Permit Details	5 Plant Address
Authorisation No BS5193IE Issued by: The Environment Agency PPC Permitting Section, Richard Fairclough House Warrington, Cheshire WA4 1HG Tel 0870 80 70 60 Fax (01925) 415961	Veolia ES (UK) Ltd Incineration Plant Bridges Road Ellesmere Port South Wirral Cheshire CH65 4EQ Tel (0151) 348 5000 Fax (0151) 348 5207

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VEOLIA
ENVIRONMENTAL SERVICES

Certificate of Destruction

TWC 7712

1	Customer Details
Name	NORWEST HOLST LIMITED
Address	PROJECT OFFICE
	BUILDING SITE
For the attention of	RICHARD HOGG

2	Waste Details		
Your Reference	NLV508/CYAMD	Waste Specification No:	356172
Waste Producer	NORWEST HOLST LIMITED		
Waste Description	SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS		
Quantity Delivered	17.56te	Date of Delivery	07/10/2008
	17.553te	Haulier Reference	TWC07712

3	Certification
	This is to certify that the waste material detailed above has been received at our Ellesmere Port plant and destroyed by high temperature oxidation. The resulting combustion gases have been treated in accordance with all statutory regulations in force at the plant.
Signature	Title Stock Control Manager Date: 05/11/2008
	For Veolia ES (UK) Ltd

4	Permit Details	5	Plant Address
Authorisation No BS5193IE Issued by: The Environment Agency PPC Permitting Section, Richard Fairclough House Warrington, Cheshire WA4 1HG Tel 0870 80 70 60 Fax (01925) 415961		Veolia ES (UK) Ltd Incineration Plant Bridges Road Ellesmere Port South Wirral Cheshire CH65 4EQ Tel (0151) 348 5000 Fax (0151) 348 5207	

MP ✓ ✓

W28

C164/1206

VEOLIA
ENVIRONMENTAL SERVICES

Certificate of Destruction

TWC 7713

1	Customer Details
Name	NORWEST HOLST LIMITED
Address	PROJECT OFFICE
	BUILDING SITE
For the attention of	RICHARD HOGG

2	Waste Details		
Your Reference	NLV508/CYAME	Waste Specification No:	356172
Waste Producer	NORWEST HOLST LIMITED		
Waste Description	SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS		
Quantity Delivered	18.46te	Date of Delivery	09/10/2008
	18.34te	Haulier Reference	TWC07713

3	Certification
	This is to certify that the waste material detailed above has been received at our Ellesmere Port plant and destroyed by high temperature oxidation. The resulting combustion gases have been treated in accordance with all statutory regulations in force at the plant.
Signature	Title Stock Control Manager Date: 29/10/2008
	For Veolia ES (UK) Ltd

4 Permit Details	5 Plant Address
Authorisation No BS5193IE Issued by: The Environment Agency PPC Permitting Section, Richard Fairclough House Warrington, Cheshire WA4 1HG Tel 0870 80 70 60 Fax (01925) 415961	Veolia ES (UK) Ltd Incineration Plant Bridges Road Ellesmere Port South Wirral Cheshire CH65 4EQ Tel (0151) 348 5000 Fax (0151) 348 5207

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24 OCT 2008

VEOLIA
ENVIRONMENTAL SERVICES

Certificate of Destruction

TWC 7714

1	Customer Details
Name	NORWEST HOLST LIMITED
Address	PROJECT OFFICE
	BUILDING SITE
For the attention of	RICHARD HOGG

2	Waste Details	
Your Reference	NLV508/CYAMF	Waste Specification No: 356172
Waste Producer	NORWEST HOLST LIMITED	
Waste Description	SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS	
Quantity Delivered	18.38te	Date of Delivery 10/10/2008
	18.34te	Haulier Reference TWC07714

3	Certification
	This is to certify that the waste material detailed above has been received at our Ellesmere Port plant and destroyed by high temperature oxidation. The resulting combustion gases have been treated in accordance with all statutory regulations in force at the plant.
Signature	Gary Cockcroft Title Stock Control Manager Date: 22/10/2008
	For Veolia ES (UK) Ltd

4 Permit Details	5 Plant Address
Authorisation No BS5193IE Issued by: The Environment Agency PPC Permitting Section, Richard Fairclough House Warrington, Cheshire WA4 1HG Tel 0870 80 70 60 Fax (01925) 415961	Veolia ES (UK) Ltd Incineration Plant Bridges Road Ellesmere Port South Wirral Cheshire CH65 4EQ Tel (0151) 348 5000 Fax (0151) 348 5207

MP CM

W30

C104 | 1174

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VEOLIA
ENVIRONMENTAL SERVICES

Certificate of Destruction

TWC 34736

1	Customer Details
Name	NORWEST HOLST LIMITED
Address	PROJECT OFFICE
	BUILDING SITE
For the attention of	RICHARD HOGG

2	Waste Details		
Your Reference	NLV508/CYARD	Waste Specification No: 356172	
Waste Producer	NORWEST HOLST LIMITED		
Waste Description	SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS		
Quantity Delivered	18.3te	Date of Delivery	13/10/2008
	18.32te	Haulier Reference	TWC34736

3	Certification
	This is to certify that the waste material detailed above has been received at our Ellesmere Port plant and destroyed by high temperature oxidation. The resulting combustion gases have been treated in accordance with all statutory regulations in force at the plant.
Signature	Gary Cockcroft Title Stock Control Manager Date: 22/10/2008
	For Veolia ES (UK) Ltd

4	Permit Details	5	Plant Address
Authorisation No BS5193IE Issued by: The Environment Agency PPC Permitting Section, Richard Fairclough House Warrington, Cheshire WA4 1HG Tel 0870 80 70 60 Fax (01925) 415961		Veolia ES (UK) Ltd Incineration Plant Bridges Road Ellesmere Port South Wirral Cheshire CH65 4EQ Tel (0151) 348 5000 Fax (0151) 348 5207	

MP CCM ✓

GRUNDON

www.grundon.com

Grundon Waste Management Ltd., Goulds Grove, Ewelme, Wallingford, Oxfordshire, OX10 6PJ. **Tel:** 01491 834340. **Fax:** 01491 834319.
Email: technical@grundon.com

Advice Note / Consignor Declaration
Waste Transfer Note

(to comply with section 34, Environmental Protection Act 1990)

Grundon Waste Management Ltd., is defined as "The Carrier"
Register Carrier No: TWE/674499/CB
Issued by the Environment Agency
VAT Registration No: GB 785 4156 01

Grundon Ref 70805593 Account No NORWD10 Order Number ed 18973/0049

Date 04/07/2008 Advice Note No 62999 Consignment Note No NEV50800002

Customer / Collection Address
NORWEST HOLST LIMITED
GLEBELANDS PT1 NEWPORT
BANE STREET, GLEBELANDS
NEWPORT
NP19 7HF

Disposal Site
E. GRUNDON (WASTE) LIMITED
HAZARDOUS WASTE INCINERATOR
LAKESIDE ROAD
COLNBROOK
SL3 0EG

Contact RICHARD HOGG

Telephone No 02920 776 748

Facsimile No 02920 777 188

Licence No

Booking Reference CP

Description, Form and Quantity Collection & Disposal

SUPPLY 150 BULK BAGS - TNT TO TRANSPORT
OD ENV TO DO HAULAGE TO EITHER TS or INCIN
PASS TO PMc TO ORGANISE UPON ACCEPTANCE

Attached Sheets 0

Waste Description / Proper Shipping Name	Class	2°	3°	UN Number	TC	Container Size	No	Quantity
PCB CONTAMINATED WASTE						1 TONNE BAGS	1	0.00 BAGS 37 MT

TREM Card

Risk Phrases R45 EAC

PPE Schedule Safety Glasses PVC Overalls High Visibility Vest Safety Boots

Additional Equipment
Eye Wash First Aid Kit Hard Hat Half Mask Respirator Full Face Visor
Dust Mask Disposable Suit Chemical Suit Safety Wellies

Special Instructions ENC -17 09 02*

Consignors Declaration (The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2004)

I confirm that in accordance with the relevant provisions of the Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2004 and any subsequent amendments thereof.

i. the dangerous goods as presented may be carried, and
ii. the dangerous goods and any packaging, intermediate bulk container or tank in which they are contained are in a fit condition for carriage and are properly labelled, and
iii. where several packages are packed together in an over-pack or in a single container, that this mixed packing is not prohibited

I (The Customer) do hereby declare that the service contracted for has been carried out to my complete satisfaction.

Signed ..... Print Name R Hillis Date 04/07/08
by or on behalf of the consignor above

Drivers signature on collection.

Signed .....

Print Name .....

Vehicle Registration SUR

Arrival Time ..... Departure Time .....

Disposal Site Details

Vehicle Registration .....

Date .....

Driver Name (print) .....

Drivers Signature .....

Arrival Time ..... Departure Time .....

Disposer Name (print) .....

Disposer Signature .....

Quantity .....

Producer's copy of this waste transfer note must be retained for 2 years

GRL N

H900/1038

The Hazardous Waste Regulations 2005: Consignment Note

PRODUCER'S/HOLDERS/ CONSIGNOR'S COPY

PART A Notification details

1. Consignment note code:

Grundon ref:

2. The waste described below is to be removed from:

Tel:
Fax:
e-mail:

4. The waste will be taken to:

Tel:
Fax:
e-mail:

5. The waste producer was (if different from 2):

Tel:
Fax:
e-mail:

3. Premises Code (where applicable):

PART B Description of the waste

1. The process giving rise to the waste(s) was:

2. SIC for the process giving rise to the waste:

If a *continuation sheet is used, tick here* ☐

3. WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

Description of Waste	EWC Code	Qty (kg)	The chemical / biological components of the waste and their concentrations are	Concentration (% or mg/kg)	Physical Form	Haz Code	Container number, type and size
							37 No.

The information given below is to be completed for each EWC identified

EWC Code	Packing Group(s)	UN number(s)	Proper Shipping Name(s)	UN Class(es)	Special handling requirements

PART C Carrier's certificate

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Carrier Name:

On behalf of:

Tel:
Fax:
e-mail:

Carrier Registration no./Reason for exemption: TWE/674499/CB

Vehicle Registration: WA06 DTF

Signature: D Perlis Date: 30/6/08 Time: 11.30

PART D Consignor's Certificate

I certify that the information in A, B and C is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

1. Consignor Name:

On behalf of:

Tel:
Fax:
e-mail:

Signature: Date: 30/06/08 Time: 11:25

PART E Consignee's certificate (where more than one waste type is collected all of the information below must be completed for each EWC

Individual EWC code(s) received	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste management operation (R or D Code)

3. Where the waste is rejected please give details:

1. I received this waste at the address given in A4 on

Date Time:

2. Vehicle Registration No (or mode of transport if not road):

I certify that waste management licence/permit/authorised exemption no(s) authorises the management of the waste described in part B at the address given in A4

Name:

On behalf of:

Signature Date:

Time:

W1

GRUNDON

www.grundon.com

Grundon Waste Management Ltd., Goulds Grove, Ewelme, Wallingford, Oxfordshire, OX10 6PJ. **Tel:** 01491 834340. **Fax:** 01491 834319.
Email: technical@grundon.com

Advice Note / Consignor Declaration
Waste Transfer Note

(to comply with section 34, Environmental Protection Act 1990)

Grundon Waste Management Ltd., is defined as "The Carrier"
Register Carrier No: TWE/674499/CB
Issued by the Environment Agency
VAT Registration No: GB 785 4156 01

Grundon Ref 3D9605593 Account No NORW010 Order Number cd 13973/0049

Date 04/07/2008 Advice Note No 63000 Consignment Note No NLV58C00003

Customer / Collection Address
NORWEST HOLST LIMITED
OLDEBLANDS PH NEWPORT
BANK STREET, OLDEBLANDS
NEWPORT
NP19 7HF

Disposal Site
S. GRUNDON (WASTE) LIMITED
EWELME TRANSFER STATION
GOULDS GROVE
EWELME
OX10 6PJ

Contact RICHARD HOOG

Telephone No 02920 776 748 Licence No OCC/133/WP3231SX

Facsimile No 02920 777 188 Booking Reference CP

Description, Form and Quantity Collection & Disposal Attached Sheets 0

SUPPLY 150 BULK BAGS - TWT TO TRANSPORT
GD IDW TO DO HAULAGE TO EITHER TS or INCIN
PASS TO PMc TO ORGANISE UPON ACCEPTANCE

Waste Description / Proper Shipping Name	Class	2°	3°	UN Number	TC	Container Size	No	Quantity
CB CONTAMINATED WASTE						1 TONNE BAGS	1 43	0.00 BAGS 46

TREM Card

Risk Phrases R43 EAC

PPE Schedule Safety Gloves PVC Overalls High Visibility Vest Safety Boots

Additional Equipment
Eye Wash First Aid Kit Hard Hat Half Mask Respirator Full Face Visor
Dust Mask Disposable Suit Chemical Suit Safety Wellies

Special Instructions EWC - 17 09 03*

Consignors Declaration (The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2004)

I confirm that in accordance with the relevant provisions of the Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2004 and any subsequent amendments thereof.

i. the dangerous goods as presented may be carried, and
ii. the dangerous goods and any packaging, intermediate bulk container or tank in which they are contained are in a fit condition for carriage and are properly labelled, and
iii. where several packages are packed together in an over-pack or in a single container, that this mixed packing is not prohibited

I (The Customer) do hereby declare that the service contracted for has been carried out to my complete satisfaction.

Signed ..... Print Name M. PHILLIPS Date 04/07/08
by or on behalf of the consignor above

Drivers signature on collection.

Signed .....

Print Name .....

Vehicle Registration SUB

Arrival Time ..... Departure Time .....

Disposal Site Details

Vehicle Registration .....

Driver Name (print) .....

Drivers Signature .....

Date ..... Arrival Time ..... Departure Time .....

Disposer Name (print) .....

Disposer Signature .....

Quantity .....

By law, a copy of this waste transfer note must be retained for 2 years.

GRUNDON

H4aa/1087

The Hazardous Waste Regulations 2005: Consignment Note

PRODUCER'S/HOLDERS/ CONSIGNOR'S COPY

PART A Notification details

1. Consignment note code: [illegible] Grundon ref: [illegible]

2. The waste described below is to be removed from:

[illegible]

Tel: [illegible]
Fax: [illegible]
e-mail:

4. The waste will be taken to:

[illegible]

Tel: [illegible]
Fax: [illegible]
e-mail:

5. The waste producer was (if different from 2):

Tel:
Fax:
e-mail:

3. Premises Code (where applicable): [illegible]

PART B Description of the waste

1. The process giving rise to the waste(s) was: [illegible]

2. SIC for the process giving rise to the waste: [illegible]

If a *continuation sheet is used, tick here* ☐

3. WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

Description of Waste	EWC Code	Qty (kg)	The chemical / biological components of the waste and their concentrations are	Concentration (% or mg/kg)	Physical Form	Haz Code	Container number, type and size
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] 43 No

The information given below is to be completed for each EWC identified

EWC Code	Packing Group(s)	UN number(s)	Proper Shipping Name(s)	UN Class(es)	Special handling requirements
[illegible]				[illegible]	

PART C Carrier's certificate

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Carrier Name: [illegible]
On behalf of:
[illegible]
Tel: [illegible]
Fax: [illegible]
e-mail:

Carrier Registration no./Reason for exemption:

Vehicle Registration: WA06 DTF.

Signature: [signature] Date: 4/7/08. Time:

PART D Consignor's Certificate

I certify that the information in A, B and C is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

1. Consignor Name: NORWEST HOLST LTD
On behalf of:
NORWEST HOLST LTD, CONSTRUCTION [illegible]
Tel: [illegible]
Fax: [illegible]
e-mail:

Signature: [signature] Date: 04/07/08 Time: 11:00

PART E Consignee's certificate (where more than one waste type is collected all of the information below must be completed for each EWC

Individual EWC code(s) received	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste management operation (R or D Code)
[illegible]			

3. Where the waste is rejected please give details:

1. I received this waste at the address given in A4 on

Date Time:

2. Vehicle Registration No (or mode of transport if not road):

I certify that waste management licence/permit/authorised exemption no(s) authorises the management of the waste described in part B at the address given in A4

Name:

On behalf of:

Signature Date:

Time:

W2

GRUNDON

H900/1036

The Hazardous Waste Regulations 2005: Consignment Note

PRODUCER'S/HOLDERS/ CONSIGNOR'S COPY

PART A Notification details

1. Consignment note code:

Grundon ref:

2. The waste described below is to be removed from:

Tel:
Fax:
e-mail:

4. The waste will be taken to:

Tel:
Fax:
e-mail:

5. The waste producer was (if different from 2):

Tel:
Fax:
e-mail:

3. Premises Code (where applicable):

PART B Description of the waste

1. The process giving rise to the waste(s) was:

2. SIC for the process giving rise to the waste:

If a *continuation sheet is used, tick here* ☐

3. WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

Description of Waste	EWC Code	Qty (kg)	The chemical / biological components of the waste and their concentrations are	Concentration (% or mg/kg)	Physical Form	Haz Code	Container number, type and size
							4x no.

The information given below is to be completed for each EWC identified

EWC Code	Packing Group(s)	UN number(s)	Proper Shipping Name(s)	UN Class(es)	Special handling requirements

PART C Carrier's certificate

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Carrier Name:

On behalf of:

Tel:
Fax:
e-mail:

SEW/697157 (KEN JONES)

Carrier Registration no./Reason for exemption:

Vehicle Registration:

SEW/698971

CE52 NUA

Signature:

Date: 31/07/08 Time: 10:30

PART D Consignor's Certificate

I certify that the information in A, B and C is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

1. Consignor Name:

On behalf of:

Tel:
Fax:
e-mail:

Signature:

Date: 31/07/08 Time: 10:30

PART E Consignee's certificate (where more than one waste type is collected all of the information below must be completed for each EWC

Individual EWC code(s) received	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste management operation (R or D Code)

3. Where the waste is rejected please give details:

1. I received this waste at the address given in A4 on

Date Time:

2. Vehicle Registration No (or mode of transport if not road):

I certify that waste management licence/permit/authorised exemption no(s) authorises the management of the waste described in part B at the address given in A4

Name:

On behalf of:

Signature Date:

Time:

VEOLIA
ENVIRONMENTAL SERVICES

8th August

WASTE MOVEMENT AUTHORISATION

PRODUCER COPY

H900/1033

Grade | WASTE SPECIFICATION | Account:
Work Ticket:
TC Approved: | Site Approved:
Expiry: | One-off:

CLEARAWAY CONSIGNMENT NOTE

PART A : NOTIFICATION DETAILS

2. The waste described below is to be removed from

4. The waste will be taken to

Licence:
Disposal Area:

Tel:
Contact
Fax: email:

3. Premises Code:

5. The waste producer was (if different from 2)

PART B : THE DESCRIPTION OF THE WASTE

1. The process giving rise to the waste(s) was

2. The SIC for the process giving rise is

3. Waste description and composition

Qty:. Container Physical Form
EWC List Number 80 Restricted Components

	UN	Proper Shipping Name	Class	Subclass	Packing Group
chnical Name			TEC	Emergency Action Code	

3.5 Special Handling Requirements PPE Class Hazard Codes:

AVOID CONTACT, SPILLAGE AND CONTAINMENT TEMPERATURE. STEPS TO BE MADE TO PREVENT DAMAGE AND SPILLAGE IN TRANSIT. CONTAINERS TO BE SOUND, SEALED AND LABELLED IN ACCORDANCE WITH SPECIFIED REGULATIONS. NO LOOSE, TIN DRUMMING OR OPEN TOPS

Vehicle Class Temperature Washout after discharge

PART C : CARRIER'S CERTIFICATE (if more than one carrier is used, please attach schedule for subsequent carriers)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Name GARY SIMMONDS On behalf of (company, address, post code, tel, fax and email)

2. Carrier reg/ SEW/697157
reason for exemption

3. Vehicle registration CN04 APU

Signature

Date 07/08/08 at 1815 hrs

PART D : CONSIGNOR'S CERTIFICATE

I certify that the information in A, B and C are correct, that the carrier is registered or exempt and was advised of any specific handling requirements.
All of the waste is packaged and labelled correctly and the carrier had been advised of any special handling requirements.

1. Name MATTHEW SHILLITO On behalf of (company, address, post code, tel, fax and email) NORWEST HOLST Date 07/08/08 at 1815 hrs
07778 521464

Signature

Our standard terms of service/waste acceptance apply

PART E: CONSIGNEE'S CERTIFICATE where more than one waste type is collected all of the information given below must be completed for each EWC.

EWC Received	QTY of EWC (Kg)	EWC Accepted / Rejected	Waste Management Operation (R/D) Code

1. I received this waste at the address given in A4 on
Date at hrs

2. Vehicle registration

Samples Required

3. Where waste is rejected, please provide details

I certify that waste management licence/permit/authorised exemption number(s)
authorises the management of the waste described in B at the address given in A4.

Name
On behalf of (company name, address, post code, tel, fax and email)

Signature

VEOLIA
ENVIRONMENTAL SERVICES

11th August

WASTE MOVEMENT AUTHORISATION

PRODUCER COPY

H400 1032

Grade | WASTE SPECIFICATION | Account: | Work Ticket: | TC Approved: | Site Approved: | Expiry: | One-off:

G FARAWAY DISPOSAL MUTT

PART A : NOTIFICATION DETAILS

2. The waste described below is to be removed from

Tel:

Contact

Fax: email:

3. Premises Code:

4. The waste will be taken to

Licence:

Disposal Area:

5. The waste producer was (if different from 2)

PART B : THE DESCRIPTION OF THE WASTE

1. The process giving rise to the waste(s) was

2. The SIC for the process giving rise is

3. Waste description and composition

Qty:. Container Physical Form

EWC List Number Restricted Components

	UN	Proper Shipping Name	Class	Subclass	Packing Group
echnical Name			TEC	Emergency Action Code	

3.5 Special Handling Requirements PPE Class Hazard Codes:

AVOID CONTACT, SPILLAGE AND VAPOUR/DUST INHALATION. LIDS TO BE PACKED TO PREVENT DAMAGE AND SPILLAGE IN TRANSIT. CONTAINERS TO BE SOUND, SEALED AND LABELLED CLEARLY WITH LABELS AS SPECIFIED
NO SMOKING, EYE CORROSIVE ON ANY FIRE

Vehicle Class Temperature Washout after discharge

PART C : CARRIER'S CERTIFICATE (if more than one carrier is used, please attach schedule for subsequent carriers)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Name J RYAN On behalf of (company, address, post code, tel, fax and email) 2. Carrier reg/ SEW/697157 reason for exemption 3. Vehicle registration CN54 CFX

Signature J RYAN Date 11/08/08 at 1430 hrs

PART D : CONSIGNOR'S CERTIFICATE

I certify that the information in A, B and C are correct, that the carrier is registered or exempt and was advised of any specific handling requirements.

All of the waste is packaged and labelled correctly and the carrier had been advised of any special handling requirements.

1. Name MATTHEW PHILLIPS On behalf of (company, address, post code, tel, fax and email) NORWEST HOIST 07778 521464 Date 11/08/08 at 1430 hrs

Signature

Our standard terms of service/waste acceptance apply

PART E: CONSIGNEE'S CERTIFICATE where more than one waste type is collected all of the information given below must be completed for each EWC.

EWC Received	QTY of EWC (Kg)	EWC Accepted / Rejected	Waste Management Operation (R/D) Code

I certify that waste management licence/permit/authorised exemption number(s) authorises the management of the waste described in B at the address given in A4.

Name

On behalf of (company name, address, post code, tel, fax and email)

1. I received this waste at the address given in A4 on

Date at hrs

2. Vehicle registration

Samples Required

3. Where waste is rejected, please provide details

VEOLIA
ENVIRONMENTAL SERVICES

13th August

WASTE MOVEMENT AUTHORISATION

PRODUCER COPY

4900 / 1031

Grade | WASTE SPECIFICATION | Account:
Work Ticket:
TC Approved: | Site Approved:
Expiry: | One-off:

BROADWAY CONSIGNMENT NOTE

PART A : NOTIFICATION DETAILS

2. The waste described below is to be removed from

4. The waste will be taken to

Licence:
Tel: | Disposal Area:
Contact
Fax: | email:
3. Premises Code: | 5. The waste producer was (if different from 2)

PART B : THE DESCRIPTION OF THE WASTE

1. The process giving rise to the waste(s) was

2. The SIC for the process giving rise is

3. Waste description and composition

Qty:. | Container | Physical Form
EWC | List Number | Restricted Components

	UN	Proper Shipping Name	Class	Subclass	Packing Group
Chnical Name			TEC	Emergency Action Code	

3.5 Special Handling Requirements | PPE Class | Hazard Codes:

WATER CONTACT, SPILLAGE AND VANDALISM INSULATION, EYES TO BE PACKED TO PREVENT DAMAGE AND SPILLAGE IN TRANSIT, CONTAINERS TO BE SOUND, SPARE AND ABLE TO BE ABLE TO LABEL AS SPECIFIED
NO TIPPING, ITS DAMAGED OR ANY ITEMS

Vehicle Class | Temperature | Washout after discharge

PART C : CARRIER'S CERTIFICATE (if more than one carrier is used, please attach schedule for subsequent carriers)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Name | On behalf of (company, address, post code, tel, fax and email) | 2. Carrier reg/ reason for exemption SDW/697157 | 3. Vehicle registration CN54CFX

Signature U Ryan | Date 13/8/08 at 1530 hrs

PART D : CONSIGNOR'S CERTIFICATE

I certify that the information in A, B and C are correct, that the carrier is registered or exempt and was advised of any specific handling requirements.
All of the waste is packaged and labelled correctly and the carrier had been advised of any special handling requirements.

1. Name MATTHEW PHILLIPS | On behalf of (company, address, post code, tel, fax and email) NORWEST HOLST 07778 521464 | Date 13/08/08 at 1530 hrs

Signature M Phillips

Our standard terms of service/waste acceptance apply

PART E: CONSIGNEE'S CERTIFICATE where more than one waste type is collected all of the information given below must be completed for each EWC.

EWC Received	QTY of EWC (Kg)	EWC Accepted / Rejected	Waste Management Operation (R/D) Code

I certify that waste management licence/permit/authorised exemption number(s) authorises the management of the waste described in B at the address given in A4.

1. I received this waste at the address given in A4 on
Date at hrs

2. Vehicle registration

4/6

Samples Required

3. Where waste is rejected, please provide details

Name
On behalf of (company name, address, post code, tel, fax and email)

Signature

VEOLIA
ENVIRONMENTAL SERVICES

RECEIVED
13 AUG 2008
15th

WASTE MOVEMENT AUTHORISATION

PRODUCER COPY

H900/0798
1030

Grade | WASTE SPECIFICATION | Account: | Work Ticket:

TC Approved: | Site Approved:

Expiry: | One-off:

CLEANAWAY CONSIGNMENT NOTE

PART A : NOTIFICATION DETAILS

2. The waste described below is to be removed from

4. The waste will be taken to

Licence:

Disposal Area:

Tel:

Contact

Fax: email:

3. Premises Code:

5. The waste producer was (if different from 2)

PART B : THE DESCRIPTION OF THE WASTE

1. The process giving rise to the waste(s) was

2. The SIC for the process giving rise is

3. Waste description and composition

Qty:. Container Physical Form

EWC List Number Restricted Components

	UN	Proper Shipping Name	Class	Subclass	Packing Group
chnical Name			TEC	Emergency Action Code	

3.5 Special Handling Requirements PPE Class Hazard Codes:

AVOID CONTACT, SPILLAGE AND VAPOUR/DUST INHALATION. ITEMS TO BE MARKED TO PREVENT DAMAGE AND SPILLAGE IN TRANSIT. CONTAINERS TO BE SOUND, SEALED AND ARE TO BE KEPT UPRIGHT AS SPECIFIED.

Vehicle Class Temperature Washout after discharge

PART C : CARRIER'S CERTIFICATE (if more than one carrier is used, please attach schedule for subsequent carriers)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Name P. FROST On behalf of (company, address, post code, tel, fax and email) KEN JONES TRANSPORT

2. Carrier reg/ reason for exemption SCW 697157

3. Vehicle registration CN53 DPK

Signature

Date 15/8/08 at 1145 hrs

PART D : CONSIGNOR'S CERTIFICATE

I certify that the information in A, B and C are correct, that the carrier is registered or exempt and was advised of any specific handling requirements.

All of the waste is packaged and labelled correctly and the carrier had been advised of any special handling requirements.

1. Name MATTHEW PHILLIPS On behalf of (company, address, post code, tel, fax and email) NORWEST HOIST 07778 521464

Date 15/8/08 at 1145 hrs

Signature

Our standard terms of service/waste acceptance apply

PART E: CONSIGNEE'S CERTIFICATE where more than one waste type is collected all of the information given below must be completed for each EWC.

EWC Received	QTY of EWC (Kg)	EWC Accepted / Rejected	Waste Management Operation (R/D) Code

1. I received this waste at the address given in A4 on

Date at hrs

2. Vehicle registration

Samples Required

I certify that waste management licence/permit/authorised exemption number(s) authorises the management of the waste described in B at the address given in A4.

3. Where waste is rejected, please provide details

Name

On behalf of (company name, address, post code, tel, fax and email)

Signature

VEOLIA
ENVIRONMENTAL SERVICES

18th

WASTE MOVEMENT AUTHORISATION

PRODUCER COPY

14000 \ 1029

Grade

WASTE SPECIFICATION

Account:
Work Ticket:
TC Approved:
Site Approved:
Expiry:
One-off:

CLEANAWAY CONSIGNMENT NOTE

PART A : NOTIFICATION DETAILS

2. The waste described below is to be removed from

4. The waste will be taken to

Licence:
Disposal Area:

Tel:

Contact

Fax:

email:

3. Premises Code:

5. The waste producer was (if different from 2)

PART B : THE DESCRIPTION OF THE WASTE

1. The process giving rise to the waste(s) was

2. The SIC for the process giving rise is

3. Waste description and composition

Qty:.
Container
Physical Form
EWC
List Number
Restricted Components

	UN	Proper Shipping Name	Class	Subclass	Packing Group
Technical Name			TEC	Emergency Action Code	

3.5 Special Handling Requirements
PPE Class
Hazard Codes:

AVOID CONTACT, SPILLAGE AND VAPOUR/DUST INHALATION. ITEMS TO BE PACKED TO PREVENT DAMAGE AND SPILLAGE IN TRANSIT. CONTAINERS TO BE SEALED, STORED AND HANDLED WITH CARE & AS SPECIFIED ON LABELS. DO NOT MIX WITH OXIDISERS OR ANY STRONG ACIDS

Vehicle Class
Temperature
Washout after discharge

PART C : CARRIER'S CERTIFICATE (if more than one carrier is used, please attach schedule for subsequent carriers)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Name J RYAN
On behalf of (company, address, post code, tel, fax and email) KEN JONES TRANSPORT
2. Carrier reg/ reason for exemption SEW 647157
3. Vehicle registration CN54 CFX
Signature
Date 15/08/08 at 1700 hrs

PART D : CONSIGNOR'S CERTIFICATE

I certify that the information in A, B and C are correct, that the carrier is registered or exempt and was advised of any specific handling requirements.
All of the waste is packaged and labelled correctly and the carrier had been advised of any special handling requirements.

1. Name MATTHEW PHILLIPS
On behalf of (company, address, post code, tel, fax and email) NORWEST HOIST 07778 521464
Date 15/08/08 at 1700 hrs
Signature
Our standard terms of service/waste acceptance apply

PART E: CONSIGNEE'S CERTIFICATE where more than one waste type is collected all of the information given below must be completed for each EWC.

EWC Received	QTY of EWC (Kg)	EWC Accepted / Rejected	Waste Management Operation (R/D) Code

I certify that waste management licence/permit/authorised exemption number(s) authorises the management of the waste described in B at the address given in A4.

1. I received this waste at the address given in A4 on
Date at hrs

2. Vehicle registration

Samples Required

3. Where waste is rejected, please provide details

Name
On behalf of (company name, address, post code, tel, fax and email)

Signature

VEOLIA
ENVIRONMENTAL SERVICES

204

WASTE MOVEMENT AUTHORISATION

PRODUCER COPY

W200/1028

Grade | WASTE SPECIFICATION | Account:
Work Ticket:
TC Approved: | Site Approved:
Expiry: | One-off:

CLEANAWAY QUINTRALINE MINE

PART A : NOTIFICATION DETAILS

2. The waste described below is to be removed from

4. The waste will be taken to

Licence:
Tel: | Disposal Area:
Contact
Fax: | email:
3. Premises Code: | 5. The waste producer was (if different from 2)

PART B : THE DESCRIPTION OF THE WASTE

1. The process giving rise to the waste(s) was

2. The SIC for the process giving rise is

3. Waste description and composition

Qty:. | Container | Physical Form
EWC | List Number | Restricted Components

UN	Proper Shipping Name	Class	Subclass	Packing Group
Chnical Name		TEC	Emergency Action Code	

3.5 Special Handling Requirements | PPE Class | Hazard Codes:

ANTI DUSTING, SPILLAGE AND VAPOUR/DUST SUPPRESSION MUST BE APPLIED
DURING AND SPILLAGE IN TRANSIT. CONTAINER TO BE SEALED, SECURED AND APPLIED
VEOLIA SAFETY AS SPECIFIED
NO FOOD, DRINK OR SMOKING

Vehicle Class | Temperature | Washout after discharge

PART C : CARRIER'S CERTIFICATE (if more than one carrier is used, please attach schedule for subsequent carriers)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Name J. MCCOSH | On behalf of (company, address, post code, tel, fax and email) KEN JONES TRANSPORT | 2. Carrier reg/ reason for exemption SEW 697157 | 3. Vehicle registration CM51 KZF

Signature | Date 19/8/08 at 1310 hrs

PART D : CONSIGNOR'S CERTIFICATE

I certify that the information in A, B and C are correct, that the carrier is registered or exempt and was advised of any specific handling requirements.
All of the waste is packaged and labelled correctly and the carrier had been advised of any special handling requirements.

1. Name MATTHEW PHILLIPS | On behalf of (company, address, post code, tel, fax and email) NORWEST HOLST 07778 521464 | Date 19/8/08 at 1310 hrs

Signature

Our standard terms of service/waste acceptance apply

PART E: CONSIGNEE'S CERTIFICATE where more than one waste type is collected all of the information given below must be completed for each EWC.

EWC Received	QTY of EWC (Kg)	EWC Accepted / Rejected	Waste Management Operation (R/D) Code

I certify that waste management licence/permit/authorised exemption number(s) authorises the management of the waste described in B at the address given in A4.

Name
On behalf of (company name, address, post code, tel, fax and email)

Signature

1. I received this waste at the address given in A4 on
Date at hrs

2. Vehicle registration

Samples Required

3. Where waste is rejected, please provide details

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ENVIRONMENTAL SERVICES

92nd.

WASTE MOVEMENT AUTHORISATION

PRODUCER COPY

W0001027

Grade | WASTE SPECIFICATION | Account:
Work Ticket:
TC Approved: | Site Approved:
Expiry: | One-off:

PART A : NOTIFICATION DETAILS

2. The waste described below is to be removed from

4. The waste will be taken to

Licence:
Tel: | Disposal Area:
Contact
Fax: | email:
3. Premises Code: | 5. The waste producer was (if different from 2)

PART B : THE DESCRIPTION OF THE WASTE

1. The process giving rise to the waste(s) was

2. The SIC for the process giving rise is

3. Waste description and composition

Qty:. | Container | Physical Form
EWC | List Number | Restricted Components

UN	Proper Shipping Name	Class	Subclass	Packing Group
Technical Name		TEC	Emergency Action Code	

B.5 Special Handling Requirements | PPE Class | Hazard Codes:

Vehicle Class | Temperature | Washout after discharge

PART C : CARRIER'S CERTIFICATE (if more than one carrier is used, please attach schedule for subsequent carriers)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Name SALTWOOD On behalf of (company, address, post code, tel, fax and email) KEN JONES TRANSPORT | 2. Carrier reg/ reason for exemption SLW 697157 | 3. Vehicle registration

Signature S Saltwood | Date 21/8/08 at 1130 hrs CN57 KZF

PART D : CONSIGNOR'S CERTIFICATE

I certify that the information in A, B and C are correct, that the carrier is registered or exempt and was advised of any specific handling requirements.
All of the waste is packaged and labelled correctly and the carrier had been advised of any special handling requirements.

1. Name MATTHEW PHILLIPS On behalf of (company, address, post code, tel, fax and email) NORWEST HOLST 07778 521464 | Date 21/8/08 at 1130 hrs

Signature M Phillips

Our standard terms of service/waste acceptance apply

PART E: CONSIGNEE'S CERTIFICATE where more than one waste type is collected all of the information given below must be completed for each EWC.

EWC Received	QTY of EWC (Kg)	EWC Accepted / Rejected	Waste Management Operation (R/D) Code

I certify that waste management licence/permit/authorised exemption number(s) authorises the management of the waste described in B at the address given in A4.

Name

On behalf of (company name, address, post code, tel, fax and email)

Signature

1. I received this waste at the address given in A4 on

Date at hrs

2. Vehicle registration

Samples Required

3. Where waste is rejected, please provide details

VEOLIA
ENVIRONMENTAL SERVICES

WASTE MOVEMENT AUTHORISATION

PRODUCER COPY

RECEIVED
21 AUG 2008

H200/0837
B1026

Grade

WASTE SPECIFICATION

Account:
Work Ticket:
TC Approved:
Site Approved:
Expiry:
One-off:

CLEANAWAY CONSIGNMENT NOTE

PART A : NOTIFICATION DETAILS

2. The waste described below is to be removed from

4. The waste will be taken to

Licence:
Disposal Area:

Tel:
Contact
Fax:
email:

3. Premises Code:

5. The waste producer was (if different from 2)

PART B : THE DESCRIPTION OF THE WASTE

1. The process giving rise to the waste(s) was

2. The SIC for the process giving rise is

3. Waste description and composition

Qty:
Container
Physical Form
EWC
List Number
Restricted Components

	UN	Proper Shipping Name	Class	Subclass	Packing Group
Chnical Name			TEC	Emergency Action Code	

B.5 Special Handling Requirements
PPE Class
Hazard Codes:

AVOID CONTACT, SPILLAGE AND VAPOUR/MIST INHALATION. ITEMS TO BE PACKED TO PREVENT DAMAGE AND SPILLAGE IN TRANSIT. CONTAINERS TO BE SOUND, SEALED AND LABELLED AS SPECIFIED IN LABELS AS SPECIFIED. NO LOOSE, DIRTY OR DAMAGED OR ANY OTHER

Vehicle Class
Temperature
Washout after discharge

PART C : CARRIER'S CERTIFICATE (if more than one carrier is used, please attach schedule for subsequent carriers)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Name S Llewellyn
Signature S Llewellyn

On behalf of (company, address, post code, tel, fax and email) KEN JONES TRANSPORT

2. Carrier reg/ reason for exemption SCW 697157
Date 22/8/08 at 1200 hrs

3. Vehicle registration CN51 KZF

PART D : CONSIGNOR'S CERTIFICATE

I certify that the information in A, B and C are correct, that the carrier is registered or exempt and was advised of any specific handling requirements.
All of the waste is packaged and labelled correctly and the carrier had been advised of any special handling requirements.

1. Name MATTHEW PHILLIPS
Signature M Phillips

On behalf of (company, address, post code, tel, fax and email) NORWEST HOIST 07778 521464

Date 22/8/08 at 1200 hrs

Our standard terms of service/waste acceptance apply

PART E: CONSIGNEE'S CERTIFICATE where more than one waste type is collected all of the information given below must be completed for each EWC.

EWC Received	QTY of EWC (Kg)	EWC Accepted / Rejected	Waste Management Operation (R/D) Code

1. I received this waste at the address given in A4 on
Date at hrs

2. Vehicle registration

VII

I certify that waste management licence/permit/authorised exemption number(s) authorises the management of the waste described in B at the address given in A4.

Samples Required

3. Where waste is rejected, please provide details

Name
On behalf of (company name, address, post code, tel, fax and email)

Signature

GRUNDON

H900/1035

The Hazardous Waste Regulations 2005: Consignment Note

PART A Notification details

1. Consignment note code: [illegible] Grundon ref: [illegible]

2. The waste described below is to be removed from:

[illegible]

Tel: [illegible]
Fax: [illegible]
e-mail:

4. The waste will be taken to:

[illegible]

Tel: [illegible]
Fax: [illegible]
e-mail:

3. Premises Code (where applicable): [illegible]

PART B Description of the waste

1. The process giving rise to the waste(s) was: [illegible] 2. SIC for the process giving rise to the waste:

3. WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

Description of Waste	EWC Code	Qty (kg)	The chemical / biological components of the waste and their concentrations are	C (%
[illegible]	[illegible]	[illegible]	[illegible]	

The information given below is to be completed for each EWC identified

EWC Code	Packing Group(s)	UN number(s)	Proper Shipping Name(s)
[illegible]			

PART C Carrier's certificate

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Carrier Name: [illegible]
On behalf of:
[illegible]
Tel: [illegible]
Fax: [illegible]
e-mail:

ORIGINAL NOT SIGNED BECAUSE DRIVER DIDN'T BRING IT TO SITE

Carrier Registration no./Reason for exemption: Vehicle Registration:

Signature: [illegible] Date: [illegible] Time:

PART D Consignor's Certif

I certify that the information in A, B of the appropriate precautionary me has been advised of any special ha

1. Consignor Name: [illegible]
On behalf of:
[illegible]

Signature:

PART E Consignee's certificate (where more than one waste type is collected all of the information below must be completed for ea

Individual EWC code(s) received	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste management operation (R or D Code)
[illegible]	14364 kg	ACC	D10

3. Where the waste is rejected please give details:

1. I received this waste at the addre

Date 26/8/08

2. Vehicle Registration No (or mode

I certify that waste management lic exemption no(s) authorises the mar described in part B at the address

Name: J. Vicha

On behalf of:

Signature

GRUNDON

H400/1034

The Hazardous Waste Regulations 2005: Consignment Note

PRODUCER'S/HOLDERS/ CONSIGNOR'S COPY

PART A Notification details

1. Consignment note code: NLV58WU0008 Grundon ref: TON0558WA5575 26/08/2008

2. The waste described below is to be removed from:
NORWEST HOLST LIMITED
GLEBELANDS PH NEWPORT, PARK STREET, GLEBELANDS, NEWPORT
NP19 7HF

Tel: 02920 776 748
Fax: 02920 777 188
e-mail:

4. The waste will be taken to:
S GRUNDON (WASTE) LIMITED
EWELME TRANSFER STATION, GOUDGE GROVE, EWELME, OXFORD
OX10 6HH

Tel: 01491 834340
Fax: 01491 834319
e-mail:

5. The waste producer was (if different from 2):

Tel:
Fax:
e-mail:

3. Premises Code (where applicable): NLV58R

PART B Description of the waste

1. The process giving rise to the waste(s) was: DEMOLITION 2. SIC for the process giving rise to the waste: 45210 If a *continuation sheet is used, tick here* ☐

3. WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)

Description of Waste	EWC Code	Qty (kg)	The chemical / biological components of the waste and their concentrations are	Concentration (% or mg/kg)	Physical Form	Haz Code	Container number, type and size
PCB CONTAMINATED WASTE	17 09 02*	10000	PCB'S	>50 PPM	SOLID	H7	44 OPEN TOP SKIPS

The information given below is to be completed for each EWC identified

EWC Code	Packing Group(s)	UN number(s)	Proper Shipping Name(s)	UN Class(es)	Special handling requirements
17 09 02*				9	

PART C Carrier's certificate

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Carrier Name: GD ENVIRONMENTAL LIMITED
On behalf of:
GD ENVIRONMENTAL LIMITED, 19 EAST DOCK ROAD, NEWPORT, SOUTH WALES, NP19 4HF

Tel: 01633 275 444
Fax: 01633 290 668
e-mail:

Carrier Registration no./Reason for exemption: SCW/038071

Vehicle Registration: WX08 FTC

Signature: [signature] Date: 27.08.08 Time:

PART D Consignor's Certificate

I certify that the information in A, B and C is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures. All of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.

1. Consignor Name: NORWEST HOLST LTD
On behalf of:
NORWEST HOLST LTD, CONSTRUCTION DIV, ASTRA HOUSE, IMPERIAL WAY, WATFORD, HERTS, WD24 4WW

Tel: 01923 870 894
Fax: 01923 228 668
e-mail:

Signed 15/09/08

Signature: [signature] Date: 27/08/08 Time: 5.00

PART E Consignee's certificate (where more than one waste type is collected all of the information below must be completed for each EWC

Individual EWC code(s) received	Quantity of each EWC code received (kg)	EWC code accepted/rejected	Waste management operation (R or D Code)
17 09 02*			

3. Where the waste is rejected please give details:

1. I received this waste at the address given in A4 on

Date Time:

2. Vehicle Registration No (or mode of transport if not road):

I certify that waste management licence/permit/authorised exemption no(s) authorises the management of the waste described in part B at the address given in A4

Name:

On behalf of:

Signature Date:

Time:

WTC

H600/102.5

VEOLIA ENVIRONMENTAL SERVICES

TECHNICAL SERVICES
BRIDGES ROAD
ELLESMERE PORT
CHESHIRE
CH65 4EQ
Tel: 0151 348 5000 FAX: 0151 3485210

WT NUMBER: TWC05995

WORK TICKET
CUSTOMER ADVICE NOTE

KEY NAME	A/C NO. TYPE DP	CUSTOMER REF./ORDER NO./WT REF. NO.	COLLECTION DATE
378081	378081 1	TO FOLLOW	8/09/08

CUSTOMER
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

SPECIAL INSTRUCTIONS: CONTACT/CONDITIONS/EQUIPMENT CUSTOMER WORK SITE
DISPOSAL OF 200 TONNES OF PCB
PCB CONT SOIL IN DRUMS
C/W CON NOTE & LABELS

REQN. NO.	FLEET	SERVICE TYPE	OP	YDS/GALLS.	CN	N/H	WT	W/D	L/C
02	AC	PCB					H		W

CONTAINERS/COMPACTORS ON HIRE:

CODE	BIN SIZE	CN/CM	NO. OF BINS

SERVICE DESCRIPTION: PCB CONTAMINATED WASTE
80 X 45ON

DISPOSAL DETAILS

SITE	ALTERNATIVE	REFERENCE

WORK INSTRUCTIONS: CUSTOMERS DESCRIPTION OF WASTE UPON WHICH VEOLIA ENVIRONMENTAL SERVICES RELY	NO. OF LIFTS	VOLUME	UNITS
		1	LOAD

Fittngs:**INVOICE**

WS NO. 356172

I UNDERSTAND AND AGREE MY DUTIES OVERLEAF. SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE

DRIVER: MUST COMPLETE THIS SECTION:

HOURS	VEHICLE REG. NO.	KMS	LIFTS	VOLUME
	SC ONYX			

ARRIVE 09.50
DEPART 10.50
DRIVERS' COMMENTS/SIGNATURE

CU.YDS	TONNES	BAGS
		1

DATE: 8/9/08

VES244 01-07

WARNING

- YOUR WASTE IN TANKERS AND CONTAINERS CAN BE DANGEROUS
- CONTAINERS MUST NOT BE FILLED ABOVE THE HEIGHT OF THE SIDES THIS IS YOUR LEGAL RESPONSIBILITY

OUR TERMS OF SERVICE APPLY

PLEASE READ OVERLEAF

THE SERVICE AS STATED ABOVE HAS BEEN COMPLETED TO MY SATISFACTION

DISPOSAL SITE _____ DISPOSAL SIGNATURE _____ SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE _____

VEOLIA ENVIRONMENTAL SERVICES

WASTE MOVEMENT AUTHORISATION
PRODUCER COPY

Grade HAZARDOUS
WASTE SPECIFICATION 0356172
Account: 378081
Work Ticket: TWC05995
Site Approved: 03/09/2008
One-off: NO

CLEANAWAY CONSIGNMENT NOTE NLV508/CY95E
TC Approved: 01/09/2008
Expiry: 01/09/2009

PART A : NOTIFICATION DETAILS

2. The waste described below is to be removed from
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

Tel: 017900678236
Contact: RICHARD HOGG
Fax: NLV508 email: RICHARD.HOGG@NORWEST.CO.UK
3. Premises Code:

4. The waste will be taken to
VEOLIA ES (E/PORT HTI)
BRIDGES ROAD
ELLESMERE PORT, SOUTH WIRRAL
CHESHIRE
CH65 4EQ
BS5193IE
Licence:
Disposal Area:

5. The waste producer was (if different from 2)

PART B : THE DESCRIPTION OF THE WASTE

1. The process giving rise to the waste(s) was SITE REMEDIATION
2. The SIC for the process giving rise is 45.21.0

3. Waste description and composition: SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS MAX 230KG/DRUM

Qty:. 22000 KILO
EWC 17.09.02*
Container 88 X 205L DRUMS 80 DRUMS TAKEN
List Number NO
Restricted Components
Physical Form SOLID

WASTE / UN 3077	Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. CONTAINS POLYCHLORINATED BIPHENYLS	Class 9	Subclass	Packing Group III
Technical Name			TEC 32	Emergency Action Code	ORANGE BOARDS

3.5 Special Handling Requirements: AVOID CONTACT, SPILLAGE AND VAPOUR/DUST INHALATION. ITEMS TO BE PACKED TO PREVENT DAMAGE AND SPILLAGE IN TRANSIT. CONTAINERS TO BE SOUND, SEALED AND LABELLED WITH VEOLIA LABELS AS SPECIFIED.
NO IODINE, ITS COMPOUNDS OR ANY ITEMS SPECIFICALLY MENTIONED IN THE QUOTATION TO BE PRESENT.

PPE Class: 1 Hazard Codes: H14

Vehicle Class: SKIP / FLATBED / VAN Temperature: AMBIENT Washout after discharge: NO

PART C : CARRIER'S CERTIFICATE (if more than one carrier is used, please attach schedule for subsequent carriers)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Name T. KIRWIN
On behalf of (company, address, post code, tel, fax and email) AR AM
2. Carrier reg GL364409CB reason for exemption
3. Vehicle registration Y298 TOL
Signature
Date 8/09/08 Time 10.50 hrs

PART D : CONSIGNOR'S CERTIFICATE

I certify that the information in A, B and C are correct, that the carrier is registered or exempt and was advised of any specific handling requirements.
All of the waste is packaged and labelled correctly and the carrier had been advised of any special handling requirements.

1. Name MATTHEW PHILLIPS
On behalf of (company, address, post code, tel, fax and email) NORWEST HOLST
Signature
Date 08/09/08 at 1050 hrs
Our standard terms of service/waste acceptance apply

PART E: CONSIGNEE'S CERTIFICATE where more than one waste type is collected all of the information given below must be completed for each EWC.

EWC Received	QTY of EWC (Kg)	EWC Accepted / Rejected	Waste Management Operation (R/D) Code

I certify that waste management licence/permit/authorised exemption number(s) authorises the management of the waste described in B at the address given in A4.

Name
On behalf of (company name, address, post code, tel, fax and email)

Signature

1. I received this waste at the address given in A4 on
Date at hrs

2. Vehicle registration

Samples Required: NO

3. Where waste is rejected, please provide details

W14

VEOLIA ENVIRONMENTAL SERVICES

4900 / 1024

TECHNICAL SERVICES
BRIDGES ROAD
ELLESMERE PORT
CHESHIRE
CH65 4EQ
Tel: 0151 348 5000 FAX: 0151 3485210

WT NUMBER: TWC05996

WORK TICKET
CUSTOMER ADVICE NOTE

KEY NAME	A/C NO. TYPE DP	CUSTOMER REF./ORDER NO./WT REF. NO.	COLLECTION DATE
378081	378081 1	TO FOLLOW	10/09/08

CUSTOMER
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET —
BUILDING SITE

SPECIAL INSTRUCTIONS: CONTACT/CONDITIONS/EQUIPMENT CUSTOMER WORK SITE
DISPOSAL OF 200 TONNES OF PCB
PCB CONT SOIL IN DRUMS
C/W CON NOTE & LABELS
80 DRUMS

REQN. NO.	FLEET	SERVICE TYPE	OP	YDS/GALLS.	CN	N/H	WT	W/D	I/C
02	AC	PCB					H		W

SERVICE DESCRIPTION: PCB CONTAMINATED WASTE

CONTAINERS/COMPACTORS ON HIRE:

CODE	BIN SIZE	CN/CM	NO. OF BINS

WORK INSTRUCTIONS: CUSTOMERS DESCRIPTION OF WASTE UPON WHICH VEOLIA ENVIRONMENTAL SERVICES RELY

NO. OF LIFTS	VOLUME	UNITS
1		LOAD

Fittngs:**INVOICE**

WS NO. 356172

DISPOSAL DETAILS

SITE	ALTERNATIVE	REFERENCE

I UNDERSTAND AND AGREE MY DUTIES OVERLEAF. SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE: M. PHILLIPS

DRIVER: MUST COMPLETE THIS SECTION:

ARRIVE 09:50 / DEPART 10:50	HOURS	VEHICLE REG. NO.	KMS	LIFTS	VOLUME
08:00 / 09000		SC ONYX			

DRIVERS' COMMENTS/SIGNATURE:

CU. YDS	TONNES

BAGS: 1

DATE: 10/9/08

VES244 01.07

WARNING

- YOUR WASTE IN TANKERS AND CONTAINERS CAN BE DANGEROUS
- CONTAINERS MUST NOT BE FILLED ABOVE THE HEIGHT OF THE SIDES THIS IS YOUR LEGAL RESPONSIBILITY

OUR TERMS OF SERVICE APPLY

PLEASE READ OVERLEAF

DISPOSAL SITE _____ DISPOSAL SIGNATURE _____

THE SERVICE AS STATED ABOVE HAS BEEN COMPLETED TO MY SATISFACTION
SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE _____

VEOLIA ENVIRONMENTAL SERVICES

PEBBIE 01633 — 235920

WASTE MOVEMENT AUTHORISATION
PRODUCER COPY

Grade: HAZARDOUS
WASTE SPECIFICATION: 0356172
CLEANAWAY CONSIGNMENT NOTE: NLV508/CY95F
TC Approved: 01/09/2008
Expiry: 01/09/2009
Account: 378081
Work Ticket: TWC05996
Site Approved: 03/09/2008
One-off: NO

PART A : NOTIFICATION DETAILS

2. The waste described below is to be removed from
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

Tel: 017900678236
Contact: RICHARD HOGG
Fax:
email: RICHARD.HOGG@NORWEST.CO.UK
3. Premises Code: NLV508
5. The waste producer was (if different from 2)

4. The waste will be taken to
VEOLIA ES (E/PORT HTI)
BRIDGES ROAD
ELLESMERE PORT, SOUTH WIRRAL
CHESHIRE
CH65 4EQ
Licence: BS5193IE
Disposal Area:

PART B : THE DESCRIPTION OF THE WASTE

1. The process giving rise to the waste(s) was: SITE REMEDIATION
2. The SIC for the process giving rise is: 45.21.0
3. Waste description and composition: SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS MAX 230KG/DRUM
Qty.: 22000 KILO
EWC: 17.09.02*
Container: ~~80~~ X 205L DRUMS
List Number: 80X205L
Restricted Components: NO
Physical Form: SOLID

	UN	Proper Shipping Name	Class	Subclass	Packing Group
WASTE	3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. CONTAINS POLYCHLORINATED BIPHENYLS	9		PII
Technical Name			TEC 32	Emergency Action Code:	ORANGE BOARDS

3.5 Special Handling Requirements: AVOID CONTACT, SPILLAGE AND VAPOUR/DUST INHALATION. ITEMS TO BE PACKED TO PREVENT DAMAGE AND SPILLAGE IN TRANSIT. CONTAINERS TO BE SOUND, SEALED AND LABELLED WITH VEOLIA LABELS AS SPECIFIED.
NO IODINE, ITS COMPOUNDS OR ANY ITEMS SPECIFICALLY MENTIONED IN THE QUOTATION TO BE PRESENT.
PPE Class: 1
Hazard Codes: H14
Vehicle Class: SKIP / FLATBED / VAN
Temperature: AMBIENT
Washout after discharge: NO

PART C : CARRIER'S CERTIFICATE (if more than one carrier is used, please attach schedule for subsequent carriers)
I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.
1. Name: T KIRKWOOD
Signature:
On behalf of (company, address, post code, tel, fax and email): AS A1
2. Carrier reg: CBU361469CB
reason for exemption
3. Vehicle registration: Y298 TOL
Date: 08.9.08 at 10.50 hrs

PART D : CONSIGNOR'S CERTIFICATE
I certify that the information in A, B and C are correct, that the carrier is registered or exempt and was advised of any specific handling requirements.
All of the waste is packaged and labelled correctly and the carrier had been advised of any special handling requirements.
1. Name: MATTHEW PHILLIPS
Signature:
On behalf of (company, address, post code, tel, fax and email): NORWEST HOLST LTD
Date: ~~08/09/08~~ 10-8-09 at ~~10.45~~ 09.00 hrs
Our standard terms of service/waste acceptance apply

PART E: CONSIGNEE'S CERTIFICATE where more than one waste type is collected all of the information given below must be completed for each EWC.

EWC Received	QTY of EWC (Kg)	EWC Accepted / Rejected	Waste Management Operation (R/D) Code

I certify that waste management licence/permit/authorised exemption number(s) authorises the management of the waste described in B at the address given in A4.

Name
On behalf of (company name, address, post code, tel, fax and email)

Signature

1. I received this waste at the address given in A4 on
Date at hrs

2. Vehicle registration

Samples Required: NO

3. Where waste is rejected, please provide details

W15

Head/1023

VEOLIA ENVIRONMENTAL SERVICES

TECHNICAL SERVICES
BRIDGES ROAD
ELLESMERE PORT
CHESHIRE
CH65 4EQ
Tel: 0151 348 5000 FAX: 0151 3485210

WT NUMBER: TWC05997

WORK TICKET
CUSTOMER ADVICE NOTE

KEY NAME	A/C NO. TYPE DP	CUSTOMER REF./ORDER NO./WT REF. NO.	COLLECTION DATE
378081	378081 1	TO FOLLOW	12/09/08

CUSTOMER
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

SPECIAL INSTRUCTIONS: CONTACT/CONDITIONS/EQUIPMENT CUSTOMER WORK SITE
DISPOSAL OF 200 TONNES OF PCB
PCB CONT SOIL IN DRUMS
C/W CON NOTE & LABELS
80 x 45GN

REQN. NO.	FLEET	SERVICE TYPE	OP	YDS/GALLS.	CN	N/H	WT	W/D	L/C
02	AC	PCB					H	W	

SERVICE DESCRIPTION: PCB CONTAMINATED WASTE

CONTAINERS/COMPACTORS ON HIRE:

CODE	BIN SIZE	CN/CM	NO. OF BINS

DISPOSAL DETAILS

SITE	ALTERNATIVE	REFERENCE

WORK INSTRUCTIONS: CUSTOMERS DESCRIPTION OF WASTE UPON WHICH VEOLIA ENVIRONMENTAL SERVICES RELY	NO. OF LIFTS	VOLUME	UNITS
		1	LOAD

Fittngs:**INVOICE**

WS NO. 356172

I UNDERSTAND AND AGREE MY DUTIES OVERLEAF. M. PHILLIPS SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE

DRIVER: MUST COMPLETE THIS SECTION:

	HOURS	VEHICLE REG. NO.	KMS	LIFTS	VOLUME
ARRIVE 08:30		SC ONYX			
DEPART 09:30					

DRIVERS' COMMENTS/SIGNATURE:

CU. YDS	TONNES

BAGS: 1

DATE: 11/9/08

VES244 01.07

WARNING

- YOUR WASTE IN TANKERS AND CONTAINERS CAN BE DANGEROUS
- CONTAINERS MUST NOT BE FILLED ABOVE THE HEIGHT OF THE SIDES THIS IS YOUR LEGAL RESPONSIBILITY

OUR TERMS OF SERVICE APPLY

PLEASE READ OVERLEAF

THE SERVICE AS STATED ABOVE HAS BEEN COMPLETED TO MY SATISFACTION

DISPOSAL SITE _____ DISPOSAL SIGNATURE _____ SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE _____

VEOLIA ENVIRONMENTAL SERVICES

WASTE MOVEMENT AUTHORISATION

PRODUCER COPY

MATTHEW PHILLIPS 07778 521464

Grade: HAZARDOUS
WASTE SPECIFICATION: 0356172
CLEANAWAY CONSIGNMENT NOTE NLV508/CY95G
TC Approved: 01/09/2008
Expiry: 01/09/2009

Account: 378081
Work Ticket: TWC05997
Site Approved: 03/09/2008
One-off: NO

PART A : NOTIFICATION DETAILS

2. The waste described below is to be removed from
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

Tel: 017900678236
Contact: RICHARD HOGG
Fax: NLV508 email: RICHARD.HOGG@NORWEST.CO.UK
3. Premises Code:

4. The waste will be taken to
VEOLIA ES (E/PORT HTI)
BRIDGES ROAD
ELLESMERE PORT, SOUTH WIRRAL
CHESHIRE
CH65 4EQ
Licence: BS5193IE
Disposal Area:

5. The waste producer was (if different from 2)

PART B : THE DESCRIPTION OF THE WASTE

1. The process giving rise to the waste(s) was: SITE REMEDIATION
2. The SIC for the process giving rise is: 45.21.0
3. Waste description and composition: SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS MAX 230KG/DRUM
Qty.: 22000 KILO Container: 80 X 205L DRUMS Physical Form: SOLID
EWC: 17.09.02* List Number: Restricted Components: NO

	UN	Proper Shipping Name	Class	Subclass	Packing Group
WASTE	3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. CONTAINS POLYCHLORINATED BIPHENYLS	9		PII
Technical Name			TEC 32	Emergency Action Code	ORANGE BOARDS

3.5 Special Handling Requirements: AVOID CONTACT, SPILLAGE AND VAPOUR/DUST INHALATION. ITEMS TO BE PACKED TO PREVENT DAMAGE AND SPILLAGE IN TRANSIT. CONTAINERS TO BE SOUND, SEALED AND LABELLED WITH VEOLIA LABELS AS SPECIFIED.
NO IODINE, ITS COMPOUNDS OR ANY ITEMS SPECIFICALLY MENTIONED IN THE QUOTATION TO BE PRESENT.
PPE Class: 1 Hazard Codes: H14
Vehicle Class: ~~SKIP~~ / FLATBED / ~~VAN~~ Temperature: AMBIENT Washout after discharge: NO

PART C : CARRIER'S CERTIFICATE (if more than one carrier is used, please attach schedule for subsequent carriers)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Name: I KIRWIN
On behalf of (company, address, post code, tel, fax and email): AS A1 VEOLIA, BRIDGES ROAD ELLESMERE PORT CH65 4EQ
2. Carrier reg/ reason for exemption: GTL361469CB
3. Vehicle registration: Y298 TOL
Signature
Date 11/9/08 at hrs

PART D : CONSIGNOR'S CERTIFICATE

I certify that the information in A, B and C are correct, that the carrier is registered or exempt and was advised of any specific handling requirements.
All of the waste is packaged and labelled correctly and the carrier had been advised of any special handling requirements.

1. Name: M. PHILLIPS
On behalf of (company, address, post code, tel, fax and email): NORWEST HOLST
Date 11/9/08 at 09:30 hrs
Signature
Our standard terms of service/waste acceptance apply

PART E: CONSIGNEE'S CERTIFICATE where more than one waste type is collected all of the information given below must be completed for each EWC.

EWC Received	QTY of EWC (Kg)	EWC Accepted / Rejected	Waste Management Operation (R/D) Code

I certify that waste management licence/permit/authorised exemption number(s) authorises the management of the waste described in B at the address given in A4.

Name
On behalf of (company name, address, post code, tel, fax and email)

Signature

1. I received this waste at the address given in A4 on
Date at hrs

2. Vehicle registration
Samples Required: NO

W16

3. Where waste is rejected, please provide details

H800/1022

VEOLIA ENVIRONMENTAL SERVICES

TECHNICAL SERVICES
BRIDGES ROAD
ELLESMERE PORT
CHESHIRE
CH65 4EQ
Tel: 0151 348 5000 FAX: 0151 3485210

WT NUMBER TWC06369

WORK TICKET
CUSTOMER ADVICE NOTE

KEY NAME	A/C NO. TYPE DP	CUSTOMER REF./ORDER NO./WT REF. NO.	COLLECTION DATE
378081	378081 1	TO FOLLOW	15/09/08

CUSTOMER
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

SPECIAL INSTRUCTIONS: CONTACT/CONDITIONS/EQUIPMENT CUSTOMER WORK SITE
DISPOSAL OF 200 TONNES OF PCB
PCB CONT SOIL IN DRUMS
C/W CON NOTE & LABELS

REQN. NO.	FLEET	SERVICE TYPE	OP	YDS/GALLS.	CN	N/H	WT	W/D	L/C
02	AC	PCB					H		W

SERVICE DESCRIPTION
PCB CONTAMINATED WASTE
80 x 205LE DRUMS

CONTAINERS/COMPACTORS ON HIRE:

CODE	BIN SIZE	CN/CM	NO. OF BINS

DISPOSAL DETAILS

SITE	ALTERNATIVE	REFERENCE

WORK INSTRUCTIONS: CUSTOMERS DESCRIPTION OF WASTE UPON WHICH VEOLIA ENVIRONMENTAL SERVICES RELY	NO. OF LIFTS	VOLUME	UNITS
		1	LOAD

Fittngs:**INVOICE**

WS NO. 356172

I UNDERSTAND AND AGREE MY DUTIES OVERLEAF. SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE M. PHILLIPS

DRIVER: MUST COMPLETE THIS SECTION:

	HOURS	VEHICLE REG. NO.	KMS	LIFTS	VOLUME
ARRIVE	07.00				
DEPART					

DRIVERS' COMMENTS/SIGNATURE:

CU.YDS	TONNES

BAGS 1

DATE: 15-9-08

VES244 01-07

WARNING

- YOUR WASTE IN TANKERS AND CONTAINERS CAN BE DANGEROUS
- CONTAINERS MUST NOT BE FILLED ABOVE THE HEIGHT OF THE SIDES THIS IS YOUR LEGAL RESPONSIBILITY

OUR TERMS OF SERVICE APPLY

PLEASE READ OVERLEAF

THE SERVICE AS STATED ABOVE HAS BEEN COMPLETED TO MY SATISFACTION

DISPOSAL SITE _____ DISPOSAL SIGNATURE _____ SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE _____

VEOLIA ENVIRONMENTAL SERVICES

WASTE MOVEMENT AUTHORISATION

PRODUCER COPY

Grade HAZARDOUS
WASTE SPECIFICATION 0356172
Account: 378081
Work Ticket: TWC06369
TC Approved: 01/09/2008
Site Approved: 03/09/2008
CLEANAWAY CONSIGNMENT NOTE NLV508/CYAAD
Expiry: 01/09/2009
One-off: NO

PART A : NOTIFICATION DETAILS

2. The waste described below is to be removed from
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

4. The waste will be taken to
VEOLIA ES (E/PORT HTI)
BRIDGES ROAD
ELLESMERE PORT, SOUTH WIRRAL
CHESHIRE
CH65 4EQ
Licence: BS5193IE
Disposal Area:

Contact Tel: 017900678236 RICHARD HOGG
Fax: email: RICHARD.HOGG@NORWEST.CO.UK
3. Premises Code: NLV508
5. The waste producer was (if different from 2)

PART B : THE DESCRIPTION OF THE WASTE

1. The process giving rise to the waste(s) was SITE REMEDIATION
2. The SIC for the process giving rise is 45.21.0
3. Waste description and composition SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS MAX 230KG/DRUM
Qty:. 22000 KILO
Container ~~80~~ X 205L DRUMS
Physical Form SOLID
EWC 17.09.02*
List Number 80
Restricted Components NO

WASTE	UN 3077	Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. ~~CONTAINS POYCHLORINATED BIPHENYLS~~	Class 9	Subclass	Packing Group III
Technical Name			TEC 32	Emergency Action Code ORANGE BOARDS	

3.5 Special Handling Requirements PPE Class 1 Hazard Codes: H14
AVOID CONTACT, SPILLAGE AND VAPOUR/DUST INHALATION. ITEMS TO BE PACKED TO PREVENT DAMAGE AND SPILLAGE IN TRANSIT. CONTAINERS TO BE SOUND, SEALED AND LABELLED WITH VEOLIA LABELS AS SPECIFIED.
NO IODINE, ITS COMPOUNDS OR ANY ITEMS SPECIFICALLY MENTIONED IN THE QUOTATION TO BE PRESENT.
Vehicle Class SKIP / FLATBED / VAN Temperature AMBIENT Washout after discharge NO

PART C : CARRIER'S CERTIFICATE (if more than one carrier is used, please attach schedule for subsequent carriers)
I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Name T KIRWIN On behalf of (company, address, post code, tel, fax and email) AS A4
2. Carrier reg/ Y298TOL reason for exemption
3. Vehicle registration 3614690B
Signature
Date 15/9/08 at hrs

PART D : CONSIGNOR'S CERTIFICATE
I certify that the information in A, B and C are correct, that the carrier is registered or exempt and was advised of any specific handling requirements.
All of the waste is packaged and labelled correctly and the carrier had been advised of any special handling requirements.

1. Name M. PHILLIPS On behalf of (company, address, post code, tel, fax and email) NORWEST HOLST LTD
Date 15/9/08 at 0930 hrs
Signature
Our standard terms of service/waste acceptance apply

PART E: CONSIGNEE'S CERTIFICATE where more than one waste type is collected all of the information given below must be completed for each EWC.

EWC Received	QTY of EWC (Kg)	EWC Accepted / Rejected	Waste Management Operation (R/D) Code

I certify that waste management licence/permit/authorised exemption number(s) authorises the management of the waste described in B at the address given in A4.

Name
On behalf of (company name, address, post code, tel, fax and email)

Signature

1. I received this waste at the address given in A4 on
Date at hrs

2. Vehicle registration

Samples Required NO

W17

3. Where waste is rejected, please provide details

VEOLIA ENVIRONMENTAL SERVICES

TECHNICAL SERVICES
BRIDGES ROAD
ELLESMERE PORT
CHESHIRE
CH65 4EQ
Tel: 0151 348 5000 FAX: 0151 3485210

WT NUMBER: TWC06370

WORK TICKET
CUSTOMER ADVICE NOTE

KEY NAME	A/C NO. TYPE DP	CUSTOMER REF./ORDER NO./WT REF. NO.	COLLECTION DATE
378081	378081 1	TO FOLLOW	17/09/08

CUSTOMER
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

SPECIAL INSTRUCTIONS: CONTACT/CONDITIONS/EQUIPMENT CUSTOMER WORK SITE
DISPOSAL OF 200 TONNES OF PCB
PCB CONT SOIL IN DRUMS
C/W CON NOTE & LABELS

REQN. NO.	FLEET	SERVICE TYPE	OP	YDS/GALLS.	CN	N/H	WT	W/D	L/C
02	AC	PCB					H		W

CONTAINERS/COMPACTORS ON HIRE:

CODE	BIN SIZE	CN/CM	NO

SERVICE DESCRIPTION: PCB CONTAMINATED WASTE
80 x 205 LTR DRUMS

DISPOSAL DETAILS

SITE	ALTERNATIVE

WORK INSTRUCTIONS: CUSTOMERS DESCRIPTION OF WASTE UPON WHICH VEOLIA ENVIRONMENTAL SERVICES RELY	NO. OF LIFTS	VOLUME	UNITS
		1	LOAD

Fittngs:**INVOICE**

WS NO. 356172

I UNDERSTAND AND AGREE MY DUTIES OVERLEAF. M. PHILLIPS SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE

DRIVER: MUST COMPLETE THIS SECTION:

	HOURS	VEHICLE REG. NO.	KMS	LIFTS	VOLUME
ARRIVE					
DEPART					

DRIVERS' COMMENTS/SIGNATURE: Y/A

CU. YDS | TONNES

BAGS 1

DATE: 16/9/08

THE SERVICE AS STATE

DISPOSAL SITE _____ DISPOSAL SIGNATURE _____ SIGNATURE OF CUS OR AUTHORISED F

VES244 01.07

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VEOLIA ENVIRONMENTAL SERVICES

WASTE MOVEMENT AUTHORISATION
PRODUCER COPY

Grade: HAZARDOUS
WASTE SPECIFICATION: 0356172
Account: 378081
Work Ticket: TWC06370
TC Approved: 01/09/2008
Expiry: 01/09/2009
Site Approved: 03/09/2008
One-off: NO

CLEANAWAY CONSIGNMENT NOTE NLV508/CYAAE

PART A : NOTIFICATION DETAILS

2. The waste described below is to be removed from
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

Tel: 017900678236
Contact: RICHARD HOGG
Fax: email: RICHARD.HOGG@NORWEST.CO.UK
3. Premises Code: NLV508

4. The waste will be taken to
VEOLIA ES (E/PORT HTI)
BRIDGES ROAD
ELLESMERE PORT, SOUTH WIRRAL
CHESHIRE
CH65 4EQ
Licence: BS5193IE
Disposal Area:

5. The waste producer was (if different from 2)

PART B : THE DESCRIPTION OF THE WASTE

1. The process giving rise to the waste(s) was: SITE REMEDIATION
2. The SIC for the process giving rise is: 45.21.0
3. Waste description and composition: SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS MAX 230KG/DRUM
Qty:. 22000 KILO
Container ~~80~~ X 205L DRUMS
EWC 17.09.02*
List Number 80
Restricted Components: NO
Physical Form: SOLID

WASTE	UN 3077	Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. ~~CONTAINS POLYCHLORINATED BIPHENYLS~~	Class 9	Subclass	Packing Group III
Technical Name			TEC 32	Emergency Action Code: ORANGE BOARDS	

3.5 Special Handling Requirements: PPE Class 1 Hazard Codes: H14
AVOID CONTACT, SPILLAGE AND VAPOUR/DUST INHALATION. ITEMS TO BE PACKED TO PREVENT DAMAGE AND SPILLAGE IN TRANSIT. CONTAINERS TO BE SOUND, SEALED AND LABELLED WITH VEOLIA LABELS AS SPECIFIED.
NO IODINE, ITS COMPOUNDS OR ANY ITEMS SPECIFICALLY MENTIONED IN THE QUOTATION TO BE PRESENT.

Vehicle Class: SKIP / FLATBED / VAN
Temperature: AMBIENT
Washout after discharge: NO

PART C : CARRIER'S CERTIFICATE (if more than one carrier is used, please attach schedule for subsequent carriers)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Name T KIRWIN
On behalf of (company, address, post code, tel, fax and email) A3 A4
2. Carrier reg GTL361469CB
3. Vehicle registration Y298 TOL
reason for exemption
Signature Y/A
Date 16/9/08 at 16.00 hrs

PART D : CONSIGNOR'S CERTIFICATE

I certify that the information in A, B and C are correct, that the carrier is registered or exempt and was advised of any specific handling requirements.
All of the waste is packaged and labelled correctly and the carrier had been advised of any special handling requirements.

1. Name M. PHILLIPS
On behalf of (company, address, post code, tel, fax and email) A5 A2
Date 16/9/08 at 1530 hrs
Signature
Our standard terms of service/waste acceptance apply

PART E: CONSIGNEE'S CERTIFICATE where more than one waste type is collected all of the information given below must be completed for each EWC.

EWC Received	QTY of EWC (Kg)	EWC Accepted / Rejected	Waste Management Operation (R/D) Code

I certify that waste management licence/permit/authorised exemption number(s) authorises the management of the waste described in B at the address given in A4.

Name
On behalf of (company name, address, post code, tel, fax and email)

Signature

1. I received this waste at the address given in A4 on
Date at hrs

2. Vehicle registration

Samples Required: NO

W18

3. Where waste is rejected, please provide details

H5001020

VEOLIA ENVIRONMENTAL SERVICES

TECHNICAL SERVICES
BRIDGES ROAD
ELLESMERE PORT
CHESHIRE
CH65 4EQ
Tel: 0151 348 5000 FAX: 0151 3485210

WT NUMBER: TWC06371

WORK TICKET
CUSTOMER ADVICE NOTE

KEY NAME	A/C NO. TYPE DP	CUSTOMER REF./ORDER NO./WT REF. NO.	COLLECTION DATE
378081	378081 1	TO FOLLOW	19/09/08

CUSTOMER
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

SPECIAL INSTRUCTIONS: CONTACT/CONDITIONS/EQUIPMENT CUSTOMER WORK SITE
DISPOSAL OF 200 TONNES OF PCB
PCB CONT SOIL IN DRUMS
C/W CON NOTE & LABELS

REQN. NO.	FLEET	SERVICE TYPE	OP	YDS/GALLS.	CN	N/H	WT	W/D	L/C
02	AC	PCB					H		W

CONTAINERS/COMPACTORS ON HIRE:

CODE	BIN SIZE	CN/CM	NO. OF BINS

SERVICE DESCRIPTION: PCB CONTAMINATED WASTE
80 X 205 Ltr DRUMS

DISPOSAL DETAILS:

SITE	ALTERNATIVE	REFERENCE

WORK INSTRUCTIONS: CUSTOMERS DESCRIPTION OF WASTE UPON WHICH VEOLIA ENVIRONMENTAL SERVICES RELY	NO. OF LIFTS	VOLUME	UNITS
		1	LOAD

Fittngs:**INVOICE**

WS NO. 356172

I UNDERSTAND AND AGREE MY DUTIES OVERLEAF. M. PHILLIPS SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE

DRIVER: MUST COMPLETE THIS SECTION:

	HOURS	VEHICLE REG. NO.	KMS	LIFTS	VOLUME
ARRIVE	07:30				
DEPART					

DRIVERS' COMMENTS/SIGNATURE:

CU. YDS	TONNES

BAGS 1

DATE: 18.9.08

VES244 01-07

WARNING

- YOUR WASTE IN TANKERS AND CONTAINERS CAN BE DANGEROUS
- CONTAINERS MUST NOT BE FILLED ABOVE THE HEIGHT OF THE SIDES THIS IS YOUR LEGAL RESPONSIBILITY

OUR TERMS OF SERVICE APPLY

PLEASE READ OVERLEAF

THE SERVICE AS STATED ABOVE HAS BEEN COMPLETED TO MY SATISFACTION

DISPOSAL SITE _____ DISPOSAL SIGNATURE _____ SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE _____

VEOLIA ENVIRONMENTAL SERVICES

WASTE MOVEMENT AUTHORISATION

PRODUCER COPY

Grade HAZARDOUS
WASTE SPECIFICATION 0356172
Account: 378081
Work Ticket: TWC06371
TC Approved: 01/09/2008
Site Approved: 03/09/2008
Expiry: 01/09/2009
One-off: NO

CLEANAWAY CONSIGNMENT NOTE NLV508/CYAAF

PART A : NOTIFICATION DETAILS

2. The waste described below is to be removed from
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

Tel: 017900678236
Contact RICHARD HOGG
Fax: email: RICHARD.HOGG@NORWEST.CO.UK
3. Premises Code: NLV508

4. The waste will be taken to
VEOLIA ES (E/PORT HTI)
BRIDGES ROAD
ELLESMERE PORT, SOUTH WIRRAL
CHESHIRE
CH65 4EQ
Licence: BS5193IE
Disposal Area:

5. The waste producer was (if different from 2)

PART B : THE DESCRIPTION OF THE WASTE

1. The process giving rise to the waste(s) was SITE REMEDIATION
2. The SIC for the process giving rise is 45.21.0
3. Waste description and composition SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS MAX 230KG/DRUM
Qty:. 22000 KILO Container ~~80~~ X 205L DRUMS
EWC 17.09.02* List Number 80 Restricted Components NO
Physical Form SOLID

	UN	Proper Shipping Name	Class	Subclass	Packing Group
WASTE	3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	9		III
Technical Name		~~CONTAINS POYCHLORINATED BIPHENYLS~~	TEC 32	Emergency Action Code ORANGE BOARDS	

3.5 Special Handling Requirements PPE Class 1 Hazard Codes: H14
AVOID CONTACT, SPILLAGE AND VAPOUR/DUST INHALATION. ITEMS TO BE PACKED TO PREVENT DAMAGE AND SPILLAGE IN TRANSIT. CONTAINERS TO BE SOUND, SEALED AND LABELLED WITH VEOLIA LABELS AS SPECIFIED.
NO IODINE, ITS COMPOUNDS OR ANY ITEMS SPECIFICALLY MENTIONED IN THE QUOTATION TO BE PRESENT.
Vehicle Class SKIP / FLATBED / VAN Temperature AMBIENT Washout after discharge NO

PART C : CARRIER'S CERTIFICATE (if more than one carrier is used, please attach schedule for subsequent carriers)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Name T.KIRWIN On behalf of (company, address, post code, tel, fax and email) AS A4
2. Carrier reg/GTZ3614092B reason for exemption 3. Vehicle registration Y298TOC
Signature Date 18/9/08 at hrs

PART D : CONSIGNOR'S CERTIFICATE

I certify that the information in A, B and C are correct, that the carrier is registered or exempt and was advised of any specific handling requirements.
All of the waste is packaged and labelled correctly and the carrier had been advised of any special handling requirements.

1. Name M. PHILLIPS On behalf of (company, address, post code, tel, fax and email) AS A2
Date 18/9/08 at 1000 hrs
Signature
Our standard terms of service/waste acceptance apply

PART E: CONSIGNEE'S CERTIFICATE where more than one waste type is collected all of the information given below must be completed for each EWC.

EWC Received	QTY of EWC (Kg)	EWC Accepted / Rejected	Waste Management Operation (R/D) Code

I certify that waste management licence/permit/authorised exemption number(s) authorises the management of the waste described in B at the address given in A4.

Name
On behalf of (company name, address, post code, tel, fax and email)

Signature

1. I received this waste at the address given in A4 on
Date at hrs

2. Vehicle registration
Samples Required NO

W19

3. Where waste is rejected, please provide details

H900/1019

VEOLIA ENVIRONMENTAL SERVICES

TECHNICAL SERVICES
BRIDGES ROAD
ELLESMERE PORT
CHESHIRE
CH65 4EQ
Tel: 0151 348 5000 FAX: 0151 3485210

WT NUMBER: TWC06706

WORK TICKET
CUSTOMER ADVICE NOTE

KEY NAME	A/C NO. TYPE DP	CUSTOMER REF./ORDER NO./WT REF. NO.	COLLECTION DATE
378081	378081 1	TO FOLLOW	22/09/08

CUSTOMER
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

SPECIAL INSTRUCTIONS: CONTACT/CONDITIONS/EQUIPMENT CUSTOMER WORK SITE
DISPOSAL OF 200 TONNES OF PCB
PCB CONT SOIL IN DRUMS
C/W CON NOTE & LABELS

REQN. NO.	FLEET	SERVICE TYPE	OP	YDS/GALLS.	CN	N/H	WT	W/D	L/C
02	AC	PCB					H	W	

CONTAINERS/COMPACTORS ON HIRE:

CODE	BIN SIZE	CN/CM	NO. OF BINS

SERVICE DESCRIPTION: PCB CONTAMINATED WASTE
80 x 45GN.

DISPOSAL DETAILS

SITE	ALTERNATIVE	REFERENCE

WORK INSTRUCTIONS: CUSTOMERS DESCRIPTION OF WASTE UPON WHICH VEOLIA ENVIRONMENTAL SERVICES RELY:	NO. OF LIFTS	VOLUME	UNITS
		1	LOAD

Fittngs:**INVOICE**

WS NO. 356172

I UNDERSTAND AND AGREE MY DUTIES OVERLEAF. SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE: M. PHILLIPS / M Phillips

DRIVER: MUST COMPLETE THIS SECTION:

	HOURS	VEHICLE REG. NO.	KMS	LIFTS	VOLUME
ARRIVE 10.00		SC ONYX			
DEPART 11.00					

DRIVERS' COMMENTS/SIGNATURE: M

CU.YDS	TONNES

BAGS: 1

DATE:

VES244 01-07

WARNING

- YOUR WASTE IN TANKERS AND CONTAINERS CAN BE DANGEROUS
- CONTAINERS MUST NOT BE FILLED ABOVE THE HEIGHT OF THE SIDES THIS IS YOUR LEGAL RESPONSIBILITY

OUR TERMS OF SERVICE APPLY

PLEASE READ OVERLEAF

THE SERVICE AS STATED ABOVE HAS BEEN COMPLETED TO MY SATISFACTION

DISPOSAL SITE _____ DISPOSAL SIGNATURE _____ SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE _____

VEOLIA ENVIRONMENTAL SERVICES

WASTE MOVEMENT AUTHORISATION

PRODUCER COPY

Grade HAZARDOUS
WASTE SPECIFICATION 0356172
CLEANAWAY CONSIGNMENT NOTE NLV508/CYAD2
TC Approved: 01/09/2008
Expiry: 01/09/2009
Account: 378081
Work Ticket: TWC06706
Site Approved: 03/09/2008
One-off: NO

PART A : NOTIFICATION DETAILS

2. The waste described below is to be removed from
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

Tel: 017906678236
Contact RICHARD HOGG
Fax: email: RICHARD.HOGG@NORWEST.CO.UK
3. Premises Code: NLV508
5. The waste producer was (if different from 2)

4. The waste will be taken to
VEOLIA ES (E/PORT HTI)
BRIDGES ROAD
ELLESMERE PORT, SOUTH WIRRAL
CHESHIRE
CH65 4EQ
Licence: BS5193IE
Disposal Area:

PART B : THE DESCRIPTION OF THE WASTE

1. The process giving rise to the waste(s) was SITE REMEDIATION
2. The SIC for the process giving rise is 45.21.0
3. Waste description and composition SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS MAX 230KG/DRUM
Qty:. 22000 KILO
Container ~~22~~ 80 X 205L DRUMS
Physical Form SOLID
EWC List Number 17.09.02*
Restricted Components NO

WASTE	UN 3077	Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. CONTAINS POLYCHLORINATED BIPHENYLS	Class 9	Subclass	Packing Group III
Technical Name			TEC 32	Emergency Action Code ORANGE BOARDS	

3.5 Special Handling Requirements: AVOID CONTACT, SPILLAGE AND VAPOUR/DUST INHALATION. ITEMS TO BE PACKED TO PREVENT DAMAGE AND SPILLAGE IN TRANSIT. CONTAINERS TO BE SOUND, SEALED AND LABELLED WITH VEOLIA LABELS AS SPECIFIED.
NO IODINE, ITS COMPOUNDS OR ANY ITEMS SPECIFICALLY MENTIONED IN THE QUOTATION TO BE PRESENT.
PPE Class 1 Hazard Codes: H14
Vehicle Class SKIP / FLATBED / VAN
Temperature AMBIENT
Washout after discharge NO

PART C : CARRIER'S CERTIFICATE (if more than one carrier is used, please attach schedule for subsequent carriers)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Name TIKIRWIN
On behalf of (company, address, post code, tel, fax and email) As A4
2. Carrier reg GTL3UK469CB
3. Vehicle registration Y298TOL
Signature
reason for exemption
Date 22/9/08 at 11:00 hrs

PART D : CONSIGNOR'S CERTIFICATE

I certify that the information in A, B and C are correct, that the carrier is registered or exempt and was advised of any specific handling requirements.
All of the waste is packaged and labelled correctly and the carrier had been advised of any special handling requirements.

1. Name M. PHILLIPS
On behalf of (company, address, post code, tel, fax and email) As A2
Date 22/9/08 at 11:00 hrs
Signature
Our standard terms of service/waste acceptance apply

PART E: CONSIGNEE'S CERTIFICATE where more than one waste type is collected all of the information given below must be completed for each EWC.

EWC Received	QTY of EWC (Kg)	EWC Accepted / Rejected	Waste Management Operation (R/D) Code

I certify that waste management licence/permit/authorised exemption number(s) authorises the management of the waste described in B at the address given in A4.

Name
On behalf of (company name, address, post code, tel, fax and email)

Signature

1. I received this waste at the address given in A4 on
Date at hrs
2. Vehicle registration
Samples Required NO

W20

3. Where waste is rejected, please provide details

4900/1018

VEOLIA ENVIRONMENTAL SERVICES

TECHNICAL SERVICES

BRIDGES ROAD
ELLESMERE PORT
CHESHIRE
CH65 4EQ
Tel: 0151 348 5000 FAX: 0151 3485210

WT NUMBER: TWC06707

WORK TICKET
CUSTOMER ADVICE NOTE

KEY NAME	A/C NO. TYPE DP	CUSTOMER REF./ORDER NO./WT REF. NO.	COLLECTION DATE
378081	378081 1	TO FOLLOW	23/09/08

CUSTOMER
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

SPECIAL INSTRUCTIONS: CONTACT/CONDITIONS/EQUIPMENT CUSTOMER WORK SITE
DISPOSAL OF 200 TONNES OF PCB
PCB CONT SOIL IN DRUMS
C/W CON NOTE & LABELS

REQN. NO.	FLEET	SERVICE TYPE	OP	YDS/GALLS.	CN	N/H	WT	W/D	L/C
02	AC	PCB					H	W	

SERVICE DESCRIPTION: PCB CONTAMINATED WASTE
80x205LTR DRUMS

CONTAINERS/COMPACTORS ON HIRE:

CODE	BIN SIZE	CN/CM	NO. OF BINS

DISPOSAL DETAILS

SITE	ALTERNATIVE	REFERENCE

WORK INSTRUCTIONS: CUSTOMERS DESCRIPTION OF WASTE UPON WHICH VEOLIA ENVIRONMENTAL SERVICES RELY	NO. OF LIFTS	VOLUME	UNITS
	1		LOAD

Fittngs:**INVOICE**

WS NO. 356172

I UNDERSTAND AND AGREE MY DUTIES OVERLEAF. M. PHILLIPS SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE

DRIVER: MUST COMPLETE THIS SECTION:

ARRIVED	DEPART	HOURS	VEHICLE REG. NO.	KMS	LIFTS	VOLUME
08:30	09:30		SC ONYX			

DRIVERS' COMMENTS/SIGNATURE: N/A

CU. YDS	TONNES

BAGS: 1

DATE: 23-9-08

VES244 01-07

WARNING

- YOUR WASTE IN TANKERS AND CONTAINERS CAN BE DANGEROUS
- CONTAINERS MUST NOT BE FILLED ABOVE THE HEIGHT OF THE SIDES THIS IS YOUR LEGAL RESPONSIBILITY

OUR TERMS OF SERVICE APPLY

PLEASE READ OVERLEAF

THE SERVICE AS STATED ABOVE HAS BEEN COMPLETED TO MY SATISFACTION

DISPOSAL SITE _____ DISPOSAL SIGNATURE _____ SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE _____

VEOLIA ENVIRONMENTAL SERVICES

WASTE MOVEMENT AUTHORISATION

PRODUCER COPY

Grade: HAZARDOUS
WASTE SPECIFICATION: 0356172
Account: 378081
Work Ticket: TWC06707
TC Approved: 01/09/2008
Expiry: 01/09/2009
Site Approved: 03/09/2008
One-off: NO

CLEANAWAY CONSIGNMENT NOTE NLV508/CYAD3

PART A : NOTIFICATION DETAILS

2. The waste described below is to be removed from
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

Tel: 017900678236
Contact: RICHARD HOGG
Fax: email: RICHARD.HOGG@NORWEST.CO.UK
3. Premises Code: NLV508

4. The waste will be taken to
VEOLIA ES (E/PORT HTI)
BRIDGES ROAD
ELLESMERE PORT, SOUTH WIRRAL
CHESHIRE
CH65 4EQ
Licence: BS5193IE
Disposal Area:

5. The waste producer was (if different from 2)

PART B : THE DESCRIPTION OF THE WASTE

1. The process giving rise to the waste(s) was: SITE REMEDIATION
2. The SIC for the process giving rise is: 45.21.0

3. Waste description and composition: SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS MAX 230KG/DRUM

Qty.: 22000 KILO
EWC: 17.09.02*
Container: ~~X~~ 80 X 205L DRUMS
List Number
Restricted Components: NO
Physical Form: SOLID

		Proper Shipping Name	Class	Subclass	Packing Group
WASTE	UN 3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. CONTAINS POLYCHLORINATED BIPHENYLS	9		III
Technical Name			TEC 32	Emergency Action Code	ORANGE BOARDS

3.5 Special Handling Requirements: AVOID CONTACT, SPILLAGE AND VAPOUR/DUST INHALATION. ITEMS TO BE PACKED TO PREVENT DAMAGE AND SPILLAGE IN TRANSIT. CONTAINERS TO BE SOUND, SEALED AND LABELLED WITH VEOLIA LABELS AS SPECIFIED.
NO IODINE, ITS COMPOUNDS OR ANY ITEMS SPECIFICALLY MENTIONED IN THE QUOTATION TO BE PRESENT.

PPE Class: 1
Hazard Codes: H14
Vehicle Class: SKIP / FLATBED / VAN
Temperature: AMBIENT
Washout after discharge: NO

PART C : CARRIER'S CERTIFICATE (if more than one carrier is used, please attach schedule for subsequent carriers)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Name T.KIRWIN
Signature
On behalf of (company, address, post code, tel, fax and email): A4
2. Carrier reg: GTL3614691CB
reason for exemption
3. Vehicle registration: Y298 TOL
Date 23/9/08 at 09:30 hrs

PART D : CONSIGNOR'S CERTIFICATE

I certify that the information in A, B and C are correct, that the carrier is registered or exempt and was advised of any specific handling requirements.
All of the waste is packaged and labelled correctly and the carrier had been advised of any special handling requirements.

1. Name M. PHILLIPS
Signature
On behalf of (company, address, post code, tel, fax and email): AS A2
Date 23/9/08 at 09:15 hrs
Our standard terms of service/waste acceptance apply

PART E: CONSIGNEE'S CERTIFICATE where more than one waste type is collected all of the information given below must be completed for each EWC.

EWC Received	QTY of EWC (Kg)	EWC Accepted / Rejected	Waste Management Operation (R/D) Code

I certify that waste management licence/permit/authorised exemption number(s) authorises the management of the waste described in B at the address given in A4.

Name
On behalf of (company name, address, post code, tel, fax and email)

Signature

1. I received this waste at the address given in A4 on
Date at hrs

2. Vehicle registration

Samples Required: NO

W21

3. Where waste is rejected, please provide details

VEOLIA ENVIRONMENTAL SERVICES

TECHNICAL SERVICES
BRIDGES ROAD
ELLESMERE PORT
CHESHIRE
CH65 4EQ
Tel: 0151 348 5000 FAX: 0151 3485210

WT NUMBER: TWC06708

WORK TICKET
CUSTOMER ADVICE NOTE

KEY NAME	A/C NO. TYPE DP	CUSTOMER REF./ORDER NO./WT REF. NO.	COLLECTION DATE
378081	378081 1	TO FOLLOW	26/09/08

CUSTOMER
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

SPECIAL INSTRUCTIONS: CONTACT/CONDITIONS/EQUIPMENT CUSTOMER WORK SITE
DISPOSAL OF 200 TONNES OF PCB
PCB CONT SOIL IN DRUMS
C/W CON NOTE & LABELS

REQN. NO.	FLEET	SERVICE TYPE	OP	YDS/GALLS.	CN	N/H	WT	W/D	L/C
02	AC	PCB					H		W

SERVICE DESCRIPTION: PCB CONTAMINATED WASTE

CONTAINERS/COMPACTORS ON HIRE:

CODE	BIN SIZE	CN/CM	NO. OF BINS

DISPOSAL DETAILS:

SITE	ALTERNATIVE	REFERENCE

WORK INSTRUCTIONS: CUSTOMERS DESCRIPTION OF WASTE UPON WHICH VEOLIA ENVIRONMENTAL SERVICES RELY

80 x 205Ltr DRUMS

NO. OF LIFTS	VOLUME	UNITS
1		LOAD

Fittngs:**INVOICE**

WS NO. 356172

I UNDERSTAND AND AGREE MY DUTIES OVERLEAF. M. PHILLIPS SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE

DRIVER: MUST COMPLETE THIS SECTION:

	HOURS	VEHICLE REG. NO.	KMS	LIFTS	VOLUME
ARRIVE 8.40		SC ONYX			
DEPART 9.00					

DRIVERS' COMMENTS/SIGNATURE:

CU. YDS	TONNES

BAGS: 1

DATE:

VES244 01-07

WARNING

- YOUR WASTE IN TANKERS AND CONTAINERS CAN BE DANGEROUS
- CONTAINERS MUST NOT BE FILLED ABOVE THE HEIGHT OF THE SIDES THIS IS YOUR LEGAL RESPONSIBILITY

OUR TERMS OF SERVICE APPLY

PLEASE READ OVERLEAF

THE SERVICE AS STATED ABOVE HAS BEEN COMPLETED TO MY SATISFACTION

DISPOSAL SITE _____ DISPOSAL SIGNATURE _____ SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE _____

VEOLIA ENVIRONMENTAL SERVICES

WASTE MOVEMENT AUTHORISATION
PRODUCER COPY

Grade: HAZARDOUS
WASTE SPECIFICATION: 0356172
CLEANAWAY CONSIGNMENT NOTE NLV508/CYAD4
TC Approved: 01/09/2008
Expiry: 01/09/2009
Account: 378081
Work Ticket: TWC06708
Site Approved: 03/09/2008
One-off: NO

PART A : NOTIFICATION DETAILS

2. The waste described below is to be removed from
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

Tel: 017900678236
Contact: RICHARD HOGG
Fax: email: RICHARD.HOGG@NORWEST.CO.UK
3. Premises Code: NLV508

4. The waste will be taken to
VEOLIA ES (E/PORT HTI)
BRIDGES ROAD
ELLESMERE PORT, SOUTH WIRRAL
CHESHIRE
CH65 4EQ
Licence: BS5193IE
Disposal Area:

5. The waste producer was (if different from 2)

PART B : THE DESCRIPTION OF THE WASTE

1. The process giving rise to the waste(s) was: SITE REMEDIATION
2. The SIC for the process giving rise is: 45.21.0
3. Waste description and composition: SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS MAX 230KG/DRUM
Qty.: 22000 KILO
Container: ~~26~~ 80 X 205L DRUMS
EWC: 17.09.02*
List Number:
Restricted Components: NO
Physical Form: SOLID

WASTE	UN 3077	Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. CONTAINS POLYCHLORINATED BIPHENYLS	Class 9	Subclass	Packing Group III
Technical Name			TEC 32	Emergency Action Code: ORANGE BOARDS	

3.5 Special Handling Requirements: PPE Class: 1 Hazard Codes: H14
AVOID CONTACT, SPILLAGE AND VAPOUR/DUST INHALATION. ITEMS TO BE PACKED TO PREVENT DAMAGE AND SPILLAGE IN TRANSIT. CONTAINERS TO BE SOUND, SEALED AND LABELLED WITH VEOLIA LABELS AS SPECIFIED.
NO IODINE, ITS COMPOUNDS OR ANY ITEMS SPECIFICALLY MENTIONED IN THE QUOTATION TO BE PRESENT.

Vehicle Class: SKIP / FLATBED / VAN
Temperature: AMBIENT
Washout after discharge: NO

PART C : CARRIER'S CERTIFICATE (if more than one carrier is used, please attach schedule for subsequent carriers)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Name T.KIRWIN
On behalf of (company, address, post code, tel, fax and email) AS A4
2. Carrier reg GTL361469CB
reason for exemption
3. Vehicle registration Y298 TOL
Signature
Date 25.9.08 at 09.00 hrs

PART D : CONSIGNOR'S CERTIFICATE

I certify that the information in A, B and C are correct, that the carrier is registered or exempt and was advised of any specific handling requirements.
All of the waste is packaged and labelled correctly and the carrier had been advised of any special handling requirements.

1. Name M. PHILLIPS
On behalf of (company, address, post code, tel, fax and email) AS A2
Date 25/9/08 at 08.40 hrs
Signature
Our standard terms of service/waste acceptance apply

PART E: CONSIGNEE'S CERTIFICATE where more than one waste type is collected all of the information given below must be completed for each EWC.

EWC Received	QTY of EWC (Kg)	EWC Accepted / Rejected	Waste Management Operation (R/D) Code

I certify that waste management licence/permit/authorised exemption number(s) authorises the management of the waste described in B at the address given in A4.

Name
On behalf of (company name, address, post code, tel, fax and email)

Signature

1. I received this waste at the address given in A4 on
Date at hrs

2. Vehicle registration

Samples Required: NO

3. Where waste is rejected, please provide details

H900114 8

VEOLIA ENVIRONMENTAL SERVICES

TECHNICAL SERVICES
BRIDGES ROAD
ELLESMERE PORT
CHESHIRE
CH65 4EQ
Tel: 0151 348 5000 FAX: 0151 3485210

WT NUMBER: TWC34737

WORK TICKET
CUSTOMER ADVICE NOTE

KEY NAME	A/C NO. TYPE DP	CUSTOMER REF./ORDER NO./WT REF. NO.	COLLECTION DATE
378081	378081 1	TO FOLLOW	14/10/08

CUSTOMER
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

SPECIAL INSTRUCTIONS: CONTACT/CONDITIONS/EQUIPMENT CUSTOMER WORK SITE
DISPOSAL OF 200 TONNES OF PCB
PCB CONT SOIL IN DRUMS
C/W CON NOTE & LABELS

REQN. NO.	FLEET	SERVICE TYPE	OP	YDS/GALLS.	CN	N/H	WT	W/D	L/C
02	AC	PCB					H		W

SERVICE DESCRIPTION: PCB CONTAMINATED WASTE

CONTAINERS/COMPACTORS ON HIRE:

CODE	BIN SIZE	CN/CM	NO. OF BINS

DISPOSAL DETAILS

SITE	ALTERNATIVE	REFERENCE

WORK INSTRUCTIONS: CUSTOMERS DESCRIPTION OF WASTE UPON WHICH VEOLIA ENVIRONMENTAL SERVICES RELY	NO. OF LIFTS	VOLUME	UNITS
		1	LOAD

Fittngs:**INVOICE**

WS NO. 356172

I UNDERSTAND AND AGREE MY DUTIES OVERLEAF. M. PHILLIPS SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE

DRIVER: MUST COMPLETE THIS SECTION:

ARRIVE / DEPART	HOURS	VEHICLE REG. NO.	KMS	LIFTS	VOLUME
ARRIVE 0830	1	SC ONYX	181	2	75%
DEPART 0930					

DRIVERS' COMMENTS/SIGNATURE:

CU. YDS	TONNES	BAGS
	1.8	1

DATE: 14/10/08

WARNING

- YOUR WASTE IN TANKERS AND CONTAINERS CAN BE DANGEROUS
- CONTAINERS MUST NOT BE FILLED ABOVE THE HEIGHT OF THE SIDES THIS IS YOUR LEGAL RESPONSIBILITY

OUR TERMS OF SERVICE APPLY

PLEASE READ OVERLEAF

THE SERVICE AS STATED ABOVE HAS BEEN COMPLETED TO MY SATISFACTION

OSAL DISPOSAL SIGNATURE SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE

s5244 01-07

VEOLIA ENVIRONMENTAL SERVICES

WASTE MOVEMENT AUTHORISATION
PRODUCER COPY

Grade HAZARDOUS
WASTE SPECIFICATION 0356172
Account: 378081
Work Ticket: TWC34737
TC Approved: 01/09/2008
Site Approved: 03/09/2008
Expiry: 01/09/2009
One-off: NO

CLEANAWAY CONSIGNMENT NOTE NLV508/CYARE

PART A : NOTIFICATION DETAILS

2. The waste described below is to be removed from
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

Tel: 017900678236
Contact RICHARD HOGG
Fax: email: RICHARD.HOGG@NORWEST.CO.UK
3. Premises Code: NLV508

4. The waste will be taken to
VEOLIA ES (E/PORT HTI)
BRIDGES ROAD
ELLESMERE PORT, SOUTH WIRRAL
CHESHIRE
CH65 4EQ
Licence: BS5193IE
Disposal Area:

5. The waste producer was (if different from 2)

PART B : THE DESCRIPTION OF THE WASTE

1. The process giving rise to the waste(s) was SITE REMEDIATION
2. The SIC for the process giving rise is 45.21.0

3. Waste description and composition SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS MAX 230KG/DRUM
Qty:. 22000 KILO Container 88 X 205L DRUMS Physical Form SOLID
EWC 17.09.02* List Number 80 Restricted Components NO

WASTE	UN 3077	Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	Class: 9	Subclass:	Packing Group: III
Technical Name		CONTAINS POLYCHLORINATED BIPHENYLS	TEC: 32	Emergency Action Code: ORANGE BOARDS	

3.5 Special Handling Requirements PPE Class 1 Hazard Codes: H14
AVOID CONTACT, SPILLAGE AND VAPOUR/DUST INHALATION. ITEMS TO BE PACKED TO PREVENT DAMAGE AND SPILLAGE IN TRANSIT. CONTAINERS TO BE SOUND, SEALED AND LABELLED WITH VEOLIA LABELS AS SPECIFIED.
NO IODINE, ITS COMPOUNDS OR ANY ITEMS SPECIFICALLY MENTIONED IN THE QUOTATION TO BE PRESENT.
Vehicle Class SKIP / FLATBED / VAN Temperature AMBIENT Washout after discharge NO

PART C : CARRIER'S CERTIFICATE (if more than one carrier is used, please attach schedule for subsequent carriers)
I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Name S. LANIGAN On behalf of (company, address, post code, tel, fax and email) Veolia
2. Carrier reg/reason for exemption CBDU361469 CB
3. Vehicle registration PE51YHV
Signature
Date 14/10/08 at 0830 hrs

PART D : CONSIGNOR'S CERTIFICATE
I certify that the information in A, B and C are correct, that the carrier is registered or exempt and was advised of any specific handling requirements.
All of the waste is packaged and labelled correctly and the carrier had been advised of any special handling requirements.

1. Name M. PHILLIPS On behalf of (company, address, post code, tel, fax and email) NORWEST HOLST Date 14/10/08 at 0930 hrs
Signature AS42
Our standard terms of service/waste acceptance apply

PART E: CONSIGNEE'S CERTIFICATE where more than one waste type is collected all of the information given below must be completed for each EWC.

EWC Received	QTY of EWC (Kg)	EWC Accepted / Rejected	Waste Management Operation (R/D) Code

I certify that waste management licence/permit/authorised exemption number(s) authorises the management of the waste described in B at the address given in A4.

Name
On behalf of (company name, address, post code, tel, fax and email)

Signature

1. I received this waste at the address given in A4 on
Date at hrs

2. Vehicle registration

Samples Required NO

3. Where waste is rejected, please provide details

VEOLIA ENVIRONMENTAL SERVICES

TECHNICAL SERVICES
BRIDGES ROAD
ELLESMERE PORT
CHESHIRE
CH65 4EQ
Tel: 0151 348 5000 FAX: 0151 3485210

WT NUMBER: TWC07398

WORK TICKET
CUSTOMER ADVICE NOTE

KEY NAME	A/C NO. TYPE DP	CUSTOMER REF./ORDER NO./WT REF. NO.	COLLECTION DATE
378081	378081 1	TO FOLLOW	29/09/08

CUSTOMER
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

SPECIAL INSTRUCTIONS: CONTACT/CONDITIONS/EQUIPMENT CUSTOMER WORK SITE
DISPOSAL OF 200 TONNES OF PCB
PCB CONT SOIL IN DRUMS
C/W CON NOTE & LABELS

REQN. NO.	FLEET	SERVICE TYPE	OP	YDS/GALLS.	CN	N/H	WT	W/D	L/C
02	AC	PCB					H		W

CONTAINERS/COMPACTORS ON HIRE:

CODE	BIN SIZE	CN/CM	NO. OF BINS

SERVICE DESCRIPTION: PCB CONTAMINATED WASTE
80 x 205L DRUMS

DISPOSAL DETAILS

SITE	ALTERNATIVE	REFERENCE

WORK INSTRUCTIONS: CUSTOMERS DESCRIPTION OF WASTE UPON WHICH VEOLIA ENVIRONMENTAL SERVICES RELY	NO. OF LIFTS	VOLUME	UNITS
		1	LOAD

Fittngs:**INVOICE**

WS NO. 356172

I UNDERSTAND AND AGREE MY DUTIES OVERLEAF. M. PHILLIPS SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE

WARNING

- YOUR WASTE IN TANKERS AND CONTAINERS CAN BE DANGEROUS
- CONTAINERS MUST NOT BE FILLED ABOVE THE HEIGHT OF THE SIDES THIS IS YOUR LEGAL RESPONSIBILITY

OUR TERMS OF SERVICE APPLY

PLEASE READ OVERLEAF

DRIVER: MUST COMPLETE THIS SECTION:

	HOURS	VEHICLE REG. NO.	KMS	LIFTS	VOLUME
ARRIVE 0930		SC ONYX			
DEPART					

DRIVERS' COMMENTS/SIGNATURE:

CU. YDS	TONNES

BAGS: 1

DATE: 29/9/08

VES244 01-07

THE SERVICE AS STATED ABOVE HAS BEEN COMPLETED TO MY SATISFACTION

DISPOSAL SITE _____ DISPOSAL SIGNATURE _____ SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE _____

VEOLIA ENVIRONMENTAL SERVICES

WASTE MOVEMENT AUTHORISATION
PRODUCER COPY

Grade HAZARDOUS
WASTE SPECIFICATION 0356172
Account: 378081
Work Ticket: TWC07398
TC Approved: 01/09/2008
Site Approved: 03/09/2008
CLEANAWAY CONSIGNMENT NOTE NLV508/CYAIW
Expiry: 01/09/2009
One-off: NO

PART A : NOTIFICATION DETAILS

2. The waste described below is to be removed from
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

4. The waste will be taken to
VEOLIA ES (E/PORT HTI)
BRIDGES ROAD
ELLESMERE PORT, SOUTH WIRRAL
CHESHIRE
CH65 4EQ
Licence: BS5193IE
Disposal Area:

Contact RICHARD HOGG Tel: 017900678236
Fax: email: RICHARD.HOGG@NORWEST.CO.UK
3. Premises Code: NLV508
5. The waste producer was (if different from 2)

PART B : THE DESCRIPTION OF THE WASTE

1. The process giving rise to the waste(s) was SITE REMEDIATION
2. The SIC for the process giving rise is 45.21.0
3. Waste description and composition SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS MAX 230KG/DRUM
Qty:. 22000 KILO Container 80 X 205L DRUMS Physical Form SOLID
EWC 17.09.02* List Number 80 Restricted Components NO

WASTE	UN 3077	Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. CONTAINS POLYCHLORINATED BIPHENYLS	Class 9	Subclass	Packing Group III
Technical Name			TEC 32	Emergency Action Code: ORANGE BOARDS	

3.5 Special Handling Requirements PPE Class 1 Hazard Codes: H14
AVOID CONTACT, SPILLAGE AND VAPOUR/DUST INHALATION. ITEMS TO BE PACKED TO PREVENT DAMAGE AND SPILLAGE IN TRANSIT. CONTAINERS TO BE SOUND, SEALED AND LABELLED WITH VEOLIA LABELS AS SPECIFIED.
NO IODINE, ITS COMPOUNDS OR ANY ITEMS SPECIFICALLY MENTIONED IN THE QUOTATION TO BE PRESENT.
Vehicle Class SKIP / FLATBED / VAN Temperature AMBIENT Washout after discharge NO

PART C : CARRIER'S CERTIFICATE (if more than one carrier is used, please attach schedule for subsequent carriers)
I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Name S. LANIGAN On behalf of (company, address, post code, tel, fax and email) Veolia 2. Carrier reg/ reason for exemption CBC 361469GB 3. Vehicle registration X458GDA
Signature Date 29/9/08 at 0930 hrs

PART D : CONSIGNOR'S CERTIFICATE
I certify that the information in A, B and C are correct, that the carrier is registered or exempt and was advised of any specific handling requirements.
All of the waste is packaged and labelled correctly and the carrier had been advised of any special handling requirements.

1. Name M. PHILLIPS On behalf of (company, address, post code, tel, fax and email) Norwest Holst Date 29/9/08 at 1000 hrs
Signature
Our standard terms of service/waste acceptance apply

PART E: CONSIGNEE'S CERTIFICATE where more than one waste type is collected all of the information given below must be completed for each EWC.

EWC Received	QTY of EWC (Kg)	EWC Accepted / Rejected	Waste Management Operation (R/D) Code

I certify that waste management licence/permit/authorised exemption number(s) authorises the management of the waste described in B at the address given in A4.

Name
On behalf of (company name, address, post code, tel, fax and email)

Signature

1. I received this waste at the address given in A4 on
Date at hrs

2. Vehicle registration

Samples Required NO

(W73)

3. Where waste is rejected, please provide details

VEOLIA ENVIRONMENTAL SERVICES

TECHNICAL SERVICES
BRIDGES ROAD
ELLESMERE PORT
CHESHIRE
CH65 4EQ
Tel: 0151 348 5000 FAX: 0151 3485210

WT NUMBER: TWC07399

WORK TICKET
CUSTOMER ADVICE NOTE

KEY NAME	A/C NO. TYPE DP	CUSTOMER REF./ORDER NO./WT REF. NO.	COLLECTION DATE
378081	378081 1	TO FOLLOW	30/09/08

CUSTOMER
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

SPECIAL INSTRUCTIONS: CONTACT/CONDITIONS/EQUIPMENT CUSTOMER WORK SITE
DISPOSAL OF 200 TONNES OF PCB
PCB CONT SOIL IN DRUMS
C/W CON NOTE & LABELS

REQN. NO.	FLEET	SERVICE TYPE	OP	YDS/GALLS.	CN	N/H	WT	W/D	L/C
02	AC	PCB					H	W	

CONTAINERS/COMPACTORS ON HIRE:

CODE	BIN SIZE	CN/CM	NO. OF BINS

SERVICE DESCRIPTION: PCB CONTAMINATED WASTE

DISPOSAL DETAILS

SITE	ALTERNATIVE	REFERENCE

WORK INSTRUCTIONS: CUSTOMERS DESCRIPTION OF WASTE UPON WHICH VEOLIA ENVIRONMENTAL SERVICES RELY

NO. OF LIFTS	VOLUME	UNITS
1		LOAD

Fittngs:**INVOICE**

WS NO. 356172

I UNDERSTAND AND AGREE MY DUTIES OVERLEAF. M. PHILLIPS SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE

WARNING

- YOUR WASTE IN TANKERS AND CONTAINERS CAN BE DANGEROUS
- CONTAINERS MUST NOT BE FILLED ABOVE THE HEIGHT OF THE SIDES THIS IS YOUR LEGAL RESPONSIBILITY

OUR TERMS OF SERVICE APPLY

PLEASE READ OVERLEAF

DRIVER: MUST COMPLETE THIS SECTION:

ARRIVE / DEPART	HOURS	VEHICLE REG. NO.	KMS	LIFTS	VOLUME
ARRIVE 0850		SC ONYX			
DEPART					

DRIVERS' COMMENTS/SIGNATURE:

CU. YDS	TONNES	BAGS
		1

DATE: 30/9/08

THE SERVICE AS STATED ABOVE HAS BEEN COMPLETED TO MY SATISFACTION

DISPOSAL SITE _____ DISPOSAL SIGNATURE _____ SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE _____

VEOLIA ENVIRONMENTAL SERVICES

WASTE MOVEMENT AUTHORISATION
PRODUCER COPY

le HAZARDOUS

WASTE SPECIFICATION 0356172
TC Approved: 01/09/2008
Expiry: 01/09/2009

Account: 378081
Work Ticket: TWC07399
Site Approved: 03/09/2008
One-off: NO

EANAWAY CONSIGNMENT NOTE NLV508/CYAIX

A : NOTIFICATION DETAILS

ie waste described below is to be removed from
RWEST HOLST LIMITED
OJECT OFFICE
NK STREET
ILDING SITE

4. The waste will be taken to
VEOLIA ES (E/PORT HTI)
BRIDGES ROAD
ELLESMERE PORT, SOUTH WIRRAL
CHESHIRE
CH65 4EQ
Licence: BS5193IE
Disposal Area:

Tel: 017900678236
ntact RICHARD HOGG
: email: RICHARD.HOGG@NORWEST.CO.UK
remises Code: NLV508

5. The waste producer was (if different from 2)

RT B : THE DESCRIPTION OF THE WASTE

The process giving rise to the waste(s) was SITE REMEDIATION

2. The SIC for the process giving rise is 45.21.0

Waste description and composition SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS MAX 230KG/DRUM

ty:. 22000 KILO Container 88 X 205L DRUMS Physical Form SOLID
/C 17.09.02* List Number Restricted Components NO

ASTE	UN 3077	Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. CONTAINS POLYCHLORINATED BIPHENYLS	Class 9	Subclass	Packing Group III
hnical Name			TEC 32	Emergency Action Code ORANGE BOARDS	

5 Special Handling Requirements PPE Class 1 Hazard Codes: H14
AVOID CONTACT, SPILLAGE AND VAPOUR/DUST INHALATION. ITEMS TO BE PACKED TO PREVENT DAMAGE AND SPILLAGE IN TRANSIT. CONTAINERS TO BE SOUND, SEALED AND LABELLED WITH VEOLIA LABELS AS SPECIFIED.
NO IODINE, ITS COMPOUNDS OR ANY ITEMS SPECIFICALLY MENTIONED IN THE QUOTATION TO BE PRESENT.

Vehicle Class SKIP / FLATBED / VAN Temperature AMBIENT Washout after discharge NO

PART C : CARRIER'S CERTIFICATE (if more than one carrier is used, please attach schedule for subsequent carriers)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Name S. KNIGHT On behalf of (company, address, post code, tel, fax and email) 2. Carrier reg/ reason for exemption GC3614469/CB 3. Vehicle registration DX58RPA

Signature Date 30/9/08 at 0850 hrs

PART D : CONSIGNOR'S CERTIFICATE

I certify that the information in A, B and C are correct, that the carrier is registered or exempt and was advised of any specific handling requirements.
All of the waste is packaged and labelled correctly and the carrier had been advised of any special handling requirements.

1. Name M. PHILLIPS On behalf of (company, address, post code, tel, fax and email) & AS A2 Date 30/9/08 at 0950 hrs

Signature

Our standard terms of service/waste acceptance apply

PART E: CONSIGNEE'S CERTIFICATE where more than one waste type is collected all of the information given below must be completed for each EWC.

EWC Received	QTY of EWC (Kg)	EWC Accepted / Rejected	Waste Management Operation (R/D) Code

I certify that waste management licence/permit/authorised exemption number(s) authorises the management of the waste described in B at the address given in A4.

Name
On behalf of (company name, address, post code, tel, fax and email)

Signature

1. I received this waste at the address given in A4 on
Date at hrs

2. Vehicle registration

Samples Required NO

3. Where waste is rejected, please provide details

W24

VES243 01-07

H900/1087

VEOLIA ENVIRONMENTAL SERVICES

TECHNICAL SERVICES
BRIDGES ROAD
ELLESMERE PORT
CHESHIRE
CH65 4EQ
Tel: 0151 348 5000 FAX: 0151 3485210

WT NUMBER: TWC07400

WORK TICKET
CUSTOMER ADVICE NOTE

KEY NAME	A/C NO. TYPE DP	CUSTOMER REF./ORDER NO./WT REF. NO.	COLLECTION DATE
378081	378081 1	TO FOLLOW	2/10/08

CUSTOMER
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

SPECIAL INSTRUCTIONS: CONTACT/CONDITIONS/EQUIPMENT CUSTOMER WORK SITE
DISPOSAL OF 200 TONNES OF PCB
PCB CONT SOIL IN DRUMS
C/W CON NOTE & LABELS

REQN. NO.	FLEET	SERVICE TYPE	OP	YDS/GALLS.	CN	N/H	WT	W/D	L/C
02	AC	PCB					H		W

CONTAINERS/COMPACTORS ON HIRE:

CODE	BIN SIZE	CN/CM	NO. OF BINS

SERVICE DESCRIPTION: PCB CONTAMINATED WASTE
80 x 205L DRUMS

DISPOSAL DETAILS

SITE	ALTERNATIVE	REFERENCE

WORK INSTRUCTIONS: CUSTOMERS DESCRIPTION OF WASTE UPON WHICH VEOLIA ENVIRONMENTAL SERVICES RELY	NO. OF LIFTS	VOLUME	UNITS
	1		LOAD

Fittngs:**INVOICE**

WS NO. 356172

I UNDERSTAND AND AGREE MY DUTIES OVERLEAF. M. PHILLIPS SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE

DRIVER: MUST COMPLETE THIS SECTION:

	HOURS	VEHICLE REG. NO.	KMS	LIFTS	VOLUME
ARRIVE 0840		SC ONYX			
DEPART					

DRIVERS' COMMENTS/SIGNATURE:

CU. YDS	TONNES

BAGS: 1

DATE: 1/10/08

VES244 01-07

WARNING

- YOUR WASTE IN TANKERS AND CONTAINERS CAN BE DANGEROUS
- CONTAINERS MUST NOT BE FILLED ABOVE THE HEIGHT OF THE SIDES THIS IS YOUR LEGAL RESPONSIBILITY

OUR TERMS OF SERVICE APPLY

PLEASE READ OVERLEAF

THE SERVICE AS STATED ABOVE HAS BEEN COMPLETED TO MY SATISFACTION

DISPOSAL SITE _____ DISPOSAL SIGNATURE _____ SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE _____

VEOLIA ENVIRONMENTAL SERVICES

WASTE MOVEMENT AUTHORISATION

PRODUCER COPY

Grade: HAZARDOUS
WASTE SPECIFICATION: 0356172
Account: 378081
Work Ticket: TWC07400
Site Approved: 03/09/2008
One-off: NO

CLEANAWAY CONSIGNMENT NOTE NLV508/CYAIY
TC Approved: 01/09/2008
Expiry: 01/09/2009

PART A : NOTIFICATION DETAILS

2. The waste described below is to be removed from
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

Tel: 017900678236
Contact: RICHARD HOGG
Fax:
email: RICHARD.HOGG@NORWEST.CO.UK
3. Premises Code: NLV508

4. The waste will be taken to
VEOLIA ES (E/PORT HTI)
BRIDGES ROAD
ELLESMERE PORT, SOUTH WIRRAL
CHESHIRE
CH65 4EQ
Licence: BS5193IE
Disposal Area:

5. The waste producer was (if different from 2)

PART B : THE DESCRIPTION OF THE WASTE

1. The process giving rise to the waste(s) was: SITE REMEDIATION
2. The SIC for the process giving rise is: 45.21.0
3. Waste description and composition: SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS MAX 230KG/DRUM
Qty.: 22000 KILO
Container: 80 X 205L DRUMS
EWC: 17.09.02*
List Number: 80
Restricted Components: NO
Physical Form: SOLID

WASTE	UN 3077	Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	Class 9	Subclass	Packing Group III
Technical Name		CONTAINS POLYCHLORINATED BIPHENYLS	TEC 32	Emergency Action Code ORANGE BOARDS	

3.5 Special Handling Requirements: PPE Class 1 Hazard Codes: H14
AVOID CONTACT, SPILLAGE AND VAPOUR/DUST INHALATION. ITEMS TO BE PACKED TO PREVENT DAMAGE AND SPILLAGE IN TRANSIT. CONTAINERS TO BE SOUND, SEALED AND LABELLED WITH VEOLIA LABELS AS SPECIFIED.
NO IODINE, ITS COMPOUNDS OR ANY ITEMS SPECIFICALLY MENTIONED IN THE QUOTATION TO BE PRESENT.

Vehicle Class: SKIP / FLATBED / VAN
Temperature: AMBIENT
Washout after discharge: NO

PART C : CARRIER'S CERTIFICATE (if more than one carrier is used, please attach schedule for subsequent carriers)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Name S Lawrence
On behalf of (company, address, post code, tel, fax and email) Veolia
2. Carrier reg/ reason for exemption CBCL/CB
3. Vehicle registration LX58RDA
Signature
Date 1/10/08 at 0840 hrs

PART D : CONSIGNOR'S CERTIFICATE

I certify that the information in A, B and C are correct, that the carrier is registered or exempt and was advised of any specific handling requirements.
All of the waste is packaged and labelled correctly and the carrier had been advised of any special handling requirements.

1. Name M. PHILLIPS
On behalf of (company, address, post code, tel, fax and email) AS A2
Date 1/10/08 at 0930 hrs
Signature
Our standard terms of service/waste acceptance apply

PART E: CONSIGNEE'S CERTIFICATE where more than one waste type is collected all of the information given below must be completed for each EWC.

EWC Received	QTY of EWC (Kg)	EWC Accepted / Rejected	Waste Management Operation (R/D) Code

I certify that waste management licence/permit/authorised exemption number(s) authorises the management of the waste described in B at the address given in A4.

Name
On behalf of (company name, address, post code, tel, fax and email)

Signature

1. I received this waste at the address given in A4 on
Date at hrs

2. Vehicle registration

Samples Required: NO

3. Where waste is rejected, please provide details

W25

H900/1101

VEOLIA ENVIRONMENTAL SERVICES

TECHNICAL SERVICES
BRIDGES ROAD
ELLESMERE PORT
CHESHIRE
CH65 4EQ
Tel: 0151 348 5000 FAX: 0151 3485210

WT NUMBER: TWC07401

WORK TICKET
CUSTOMER ADVICE NOTE

KEY NAME	A/C NO. TYPE DP	CUSTOMER REF./ORDER NO./WT REF. NO.	COLLECTION DATE
378081	378081 1	TO FOLLOW	3/10/08

CUSTOMER
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

SPECIAL INSTRUCTIONS: CONTACT/CONDITIONS/EQUIPMENT CUSTOMER WORK SITE
DISPOSAL OF 200 TONNES OF PCB
PCB CONT SOIL IN DRUMS
C/W CON NOTE & LABELS

REQN. NO.	FLEET	SERVICE TYPE	OP	YDS/GALLS.	CN	N/H	WT	W/D	L/C
02	AC	PCB					H		W

SERVICE DESCRIPTION: PCB CONTAMINATED WASTE
80 x 205 L DRUMS

CONTAINERS/COMPACTORS ON HIRE:

CODE	BIN SIZE	CN/CM	NO. OF BINS

DISPOSAL DETAILS

SITE	ALTERNATIVE	REFERENCE

WORK INSTRUCTIONS: CUSTOMERS DESCRIPTION OF WASTE UPON WHICH VEOLIA ENVIRONMENTAL SERVICES RELY	NO. OF LIFTS	VOLUME	UNITS
		1	LOAD

Fittngs:**INVOICE**

WS NO. 356172

I UNDERSTAND AND AGREE MY DUTIES OVERLEAF. M. PHILLIPS SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE

DRIVER: MUST COMPLETE THIS SECTION:

ARRIVE / DEPART	HOURS	VEHICLE REG. NO.	KMS	LIFTS	VOLUME
ARRIVE 1255		SC ONYX			
DEPART					

DRIVERS' COMMENTS/SIGNATURE:

CU. YDS	TONNES	BAGS
		1

DATE: 21/10/08

VES244 01-07

WARNING

- YOUR WASTE IN TANKERS AND CONTAINERS CAN BE DANGEROUS
- CONTAINERS MUST NOT BE FILLED ABOVE THE HEIGHT OF THE SIDES THIS IS YOUR LEGAL RESPONSIBILITY

OUR TERMS OF SERVICE APPLY

PLEASE READ OVERLEAF

DISPOSAL SITE _____ DISPOSAL SIGNATURE _____

THE SERVICE AS STATED ABOVE HAS BEEN COMPLETED TO MY SATISFACTION
SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE _____

VEOLIA ENVIRONMENTAL SERVICES

WASTE MOVEMENT AUTHORISATION
PRODUCER COPY

Grade HAZARDOUS
WASTE SPECIFICATION 0356172
Account: 378081
Work Ticket: TWC07401
Site Approved: 03/09/2008
One-off: NO

CLEANAWAY CONSIGNMENT NOTE NLV508/CYAIZ
TC Approved: 01/09/2008
Expiry: 01/09/2009

PART A : NOTIFICATION DETAILS

2. The waste described below is to be removed from
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

Tel: 017900678236
Contact RICHARD HOGG
Fax: email: RICHARD.HOGG@NORWEST.CO.UK
3. Premises Code: NLV508

4. The waste will be taken to
VEOLIA ES (E/PORT HTI)
BRIDGES ROAD
ELLESMERE PORT, SOUTH WIRRAL
CHESHIRE
CH65 4EQ
Licence: BS5193IE
Disposal Area:

5. The waste producer was (if different from 2)

PART B : THE DESCRIPTION OF THE WASTE

1. The process giving rise to the waste(s) was SITE REMEDIATION
2. The SIC for the process giving rise is 45.21.0

3. Waste description and composition SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS MAX 230KG/DRUM
Qty:. 22000 KILO Container 80 X 205L DRUMS
EWC 17.09.02* List Number 80
Restricted Components NO
Physical Form SOLID

	UN	Proper Shipping Name	Class	Subclass	Packing Group
WASTE	3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. CONTAINS POLYCHLORINATED BIPHENYLS	9		III
Technical Name			TEC 32	Emergency Action Code ORANGE BOARDS	

3.5 Special Handling Requirements PPE Class 1 Hazard Codes: H14
AVOID CONTACT, SPILLAGE AND VAPOUR/DUST INHALATION. ITEMS TO BE PACKED TO PREVENT DAMAGE AND SPILLAGE IN TRANSIT. CONTAINERS TO BE SOUND, SEALED AND LABELLED WITH VEOLIA LABELS AS SPECIFIED.
NO IODINE, ITS COMPOUNDS OR ANY ITEMS SPECIFICALLY MENTIONED IN THE QUOTATION TO BE PRESENT.
Vehicle Class SKIP / FLATBED / VAN Temperature AMBIENT Washout after discharge NO

PART C : CARRIER'S CERTIFICATE (if more than one carrier is used, please attach schedule for subsequent carriers)
I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Name S. LANIGAN On behalf of (company, address, post code, tel, fax and email) VEOLIA
2. Carrier reg/ reason for exemption CBC X146908
3. Vehicle registration L458RDA
Signature
Date 21/10/08 at 1300 hrs

PART D : CONSIGNOR'S CERTIFICATE
I certify that the information in A, B and C are correct, that the carrier is registered or exempt and was advised of any specific handling requirements.
All of the waste is packaged and labelled correctly and the carrier had been advised of any special handling requirements.

1. Name M. PHILLIPS On behalf of (company, address, post code, tel, fax and email) AS A2
Date 22/10/08 at 1320 hrs
Signature
Our standard terms of service/waste acceptance apply

PART E: CONSIGNEE'S CERTIFICATE where more than one waste type is collected all of the information given below must be completed for each EWC.

EWC Received	QTY of EWC (Kg)	EWC Accepted / Rejected	Waste Management Operation (R/D) Code

I certify that waste management licence/permit/authorised exemption number(s) authorises the management of the waste described in B at the address given in A4.

Name
On behalf of (company name, address, post code, tel, fax and email)

Signature

1. I received this waste at the address given in A4 on
Date at hrs

2. Vehicle registration

Samples Required NO

3. Where waste is rejected, please provide details

W26

H900/1118

VEOLIA ENVIRONMENTAL SERVICES

TECHNICAL SERVICES
356172
BRIDGES ROAD
ELLESMERE PORT
CHESHIRE
CH65 4EQ
Tel: 0151 348 5000 FAX: 0151 3485210

WT NUMBER TWC07711

WORK TICKET
CUSTOMER ADVICE NOTE

SC ONYX

KEY NAME	A/C NO. TYPE DP	CUSTOMER REF./ORDER NO./WT REF. NO.	COLLECTION DATE
378081	378081 1	TO FOLLOW	6/10/08

CUSTOMER
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

SPECIAL INSTRUCTIONS: CONTACT/CONDITIONS/EQUIPMENT CUSTOMER WORK SITE
DISPOSAL OF 200 TONNES OF PCB
PCB CONT SOIL IN DRUMS
C/W CON NOTE & LABELS

REQN. NO.	FLEET	SERVICE TYPE	OP	YDS/GALLS.	CN	N/H	WT	W/D	L/C
02	AC	PCB					H	W	

CONTAINERS/COMPACTORS ON HIRE:

CODE	BIN SIZE	CN/CM	NO. OF BINS

SERVICE DESCRIPTION: PCB CONTAMINATED WASTE
80 x 205L Drums.

DISPOSAL DETAILS

SITE	ALTERNATIVE	REFERENCE

WORK INSTRUCTIONS: CUSTOMERS DESCRIPTION OF WASTE UPON WHICH VEOLIA ENVIRONMENTAL SERVICES RELY	NO. OF LIFTS	VOLUME	UNITS
		1	LOAD

Fittngs:**INVOICE**

WS NO. 356172

I UNDERSTAND AND AGREE MY DUTIES OVERLEAF.

SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE

WARNING

- YOUR WASTE IN TANKERS AND CONTAINERS CAN BE DANGEROUS
- CONTAINERS MUST NOT BE FILLED ABOVE THE HEIGHT OF THE SIDES THIS IS YOUR LEGAL RESPONSIBILITY

OUR TERMS OF SERVICE APPLY

PLEASE READ OVERLEAF

DRIVER: MUST COMPLETE THIS SECTION:

	HOURS	VEHICLE REG. NO.	KMS	LIFTS	VOLUME
ARRIVE 9:00		SC ONYX			
DEPART					

CU. YDS | TONNES | BAGS 1

DRIVERS' COMMENTS/SIGNATURE:

DATE: 6/10/08

VES244 01-07

THE SERVICE AS STATED ABOVE HAS BEEN COMPLETED TO MY SATISFACTION

DISPOSAL SITE _____ DISPOSAL SIGNATURE _____ SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE D Williams

VEOLIA ENVIRONMENTAL SERVICES

WASTE MOVEMENT AUTHORISATION

PRODUCER COPY

Grade HAZARDOUS

WASTE SPECIFICATION 0356172

Account: 378081
Work Ticket: TWC07711
Site Approved: 03/09/2008
One-off: NO

CLEANAWAY CONSIGNMENT NOTE NLV508/CYAMC

TC Approved: 01/09/2008
Expiry: 01/09/2009

PART A : NOTIFICATION DETAILS

2. The waste described below is to be removed from
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

Tel: 017900678236
Contact RICHARD HOGG
Fax: email: RICHARD.HOGG@NORWEST.CO.UK
3. Premises Code: NLV508

4. The waste will be taken to
VEOLIA ES (E/PORT HTI)
BRIDGES ROAD
ELLESMERE PORT, SOUTH WIRRAL
CHESHIRE
CH65 4EQ
Licence: BS5193IE
Disposal Area:

5. The waste producer was (if different from 2)

PART B : THE DESCRIPTION OF THE WASTE

1. The process giving rise to the waste(s) was SITE REMEDIATION
2. The SIC for the process giving rise is 45.21.0
3. Waste description and composition SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS MAX 230KG/DRUM
Qty.: 22000 KILO Container ~~80~~ X 205L DRUMS Physical Form SOLID
EWC 17.09.02* List Number 80 Restricted Components NO

WASTE	UN 3077	Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	Class 9	Subclass	Packing Group III
Technical Name		CONTAINS POYCHLORINATED BIPHENYLS	TEC 32	Emergency Action Code ORANGE BOARDS	

3.5 Special Handling Requirements PPE Class 1 Hazard Codes: H14
AVOID CONTACT, SPILLAGE AND VAPOUR/DUST INHALATION. ITEMS TO BE PACKED TO PREVENT DAMAGE AND SPILLAGE IN TRANSIT. CONTAINERS TO BE SOUND, SEALED AND LABELLED WITH VEOLIA LABELS AS SPECIFIED.
NO IODINE, ITS COMPOUNDS OR ANY ITEMS SPECIFICALLY MENTIONED IN THE QUOTATION TO BE PRESENT.
Vehicle Class SKIP / FLATBED / VAN Temperature AMBIENT Washout after discharge NO

PART C : CARRIER'S CERTIFICATE (if more than one carrier is used, please attach schedule for subsequent carriers)
I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Name S. Lawless On behalf of (company, address, post code, tel, fax and email) Veolia
2. Carrier reg/ GBL JG1469GB reason for exemption
3. Vehicle registration L458RAA
Signature Date 6/10/08 0900 hrs

PART D : CONSIGNOR'S CERTIFICATE
I certify that the information in A, B and C are correct, that the carrier is registered or exempt and was advised of any specific handling requirements.
All of the waste is packaged and labelled correctly and the carrier had been advised of any special handling requirements.

1. Name D Williams On behalf of (company, address, post code, tel, fax and email) & AS A2 Date 6/10/08 hrs 17.45
Signature D Williams Our standard terms of service/waste acceptance apply

PART E: CONSIGNEE'S CERTIFICATE where more than one waste type is collected all of the information given below must be completed for each EWC.

EWC Received	QTY of EWC (Kg)	EWC Accepted / Rejected	Waste Management Operation (R/D) Code

I certify that waste management licence/permit/authorised exemption number(s) authorises the management of the waste described in B at the address given in A4.

Name
On behalf of (company name, address, post code, tel, fax and email)

Signature

1. I received this waste at the address given in A4 on
Date at hrs

2. Vehicle registration

Samples Required NO

3. Where waste is rejected, please provide details

H900/1122

VEOLIA ENVIRONMENTAL SERVICES

TECHNICAL SERVICES
BRIDGES ROAD
ELLESMERE PORT
CHESHIRE
CH65 4EQ
Tel: 0151 348 5000 FAX: 0151 3485210

WT NUMBER: TWC07712

WORK TICKET
CUSTOMER ADVICE NOTE

KEY NAME	A/C NO. TYPE DP	CUSTOMER REF./ORDER NO./WT REF. NO.	COLLECTION DATE
378081	378081 1	TO FOLLOW	7/10/08

CUSTOMER
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

SPECIAL INSTRUCTIONS: CONTACT/CONDITIONS/EQUIPMENT CUSTOMER WORK SITE
DISPOSAL OF 200 TONNES OF PCB
PCB CONT SOIL IN DRUMS
C/W CON NOTE & LABELS

REQN. NO.	FLEET	SERVICE TYPE	OP	YDS/GALLS.	CN	N/H	WT	W/D	I/C
02	AC	PCB					H		W

CONTAINERS/COMPACTORS ON HIRE:

CODE	BIN SIZE	CN/CM	NO. OF BINS

SERVICE DESCRIPTION: PCB CONTAMINATED WASTE
80 x 205 L DRUMS

DISPOSAL DETAILS

SITE	ALTERNATIVE	REFERENCE

WORK INSTRUCTIONS: CUSTOMERS DESCRIPTION OF WASTE UPON WHICH VEOLIA ENVIRONMENTAL SERVICES RELY	NO. OF LIFTS	VOLUME	UNITS
		1	LOAD

Fittngs:**INVOICE**

WS NO. 356172

I UNDERSTAND AND AGREE MY DUTIES OVERLEAF. D Williams SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE D.Wlm

DRIVER: MUST COMPLETE THIS SECTION:

	HOURS	VEHICLE REG. NO.	KMS	LIFTS	VOLUME
ARRIVE C&D		SC ONYX			
DEPART					

DRIVERS' COMMENTS/SIGNATURE:

CU. YDS	TONNES	BAGS
		1

DATE: 7/10/08

VES244 01-07

WARNING

- YOUR WASTE IN TANKERS AND CONTAINERS CAN BE DANGEROUS
- CONTAINERS MUST NOT BE FILLED ABOVE THE HEIGHT OF THE SIDES THIS IS YOUR LEGAL RESPONSIBILITY

OUR TERMS OF SERVICE APPLY

PLEASE READ OVERLEAF

THE SERVICE AS STATED ABOVE HAS BEEN COMPLETED TO MY SATISFACTION

DISPOSAL SITE _____ DISPOSAL SIGNATURE _____ SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE D Wlm

VEOLIA ENVIRONMENTAL SERVICES

WASTE MOVEMENT AUTHORISATION

PRODUCER COPY

Grade: HAZARDOUS
WASTE SPECIFICATION: 0356172
Account: 378081
Work Ticket: TWC07712
TC Approved: 01/09/2008
Expiry: 01/09/2009
Site Approved: 03/09/2008
One-off: NO

CLEANAWAY CONSIGNMENT NOTE NLV508/CYAMD

PART A : NOTIFICATION DETAILS

2. The waste described below is to be removed from
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

Tel: 017900678236
Contact: RICHARD HOGG
Fax: email: RICHARD.HOGG@NORWEST.CO.UK
3. Premises Code: NLV508
5. The waste producer was (if different from 2)

4. The waste will be taken to
VEOLIA ES (E/PORT HTI)
BRIDGES ROAD
ELLESMERE PORT, SOUTH WIRRAL
CHESHIRE
CH65 4EQ
Licence: BS5193IE
Disposal Area:

PART B : THE DESCRIPTION OF THE WASTE

1. The process giving rise to the waste(s) was SITE REMEDIATION
2. The SIC for the process giving rise is 45.21.0

3. Waste description and composition: SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS MAX 230KG/DRUM
Qty.: 22000 KILO
Container: 88 X 205L DRUMS
Physical Form: SOLID
EWC: 17.09.02*
List Number:
Restricted Components: NO

	UN	Proper Shipping Name	Class	Subclass	Packing Group
WASTE	3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. CONTAINS POLYCHLORINATED BIPHENYLS	9		III
Technical Name			TEC 32	Emergency Action Code: ORANGE BOARDS	

3.5 Special Handling Requirements: PPE Class 1 Hazard Codes: H14
AVOID CONTACT, SPILLAGE AND VAPOUR/DUST INHALATION. ITEMS TO BE PACKED TO PREVENT DAMAGE AND SPILLAGE IN TRANSIT. CONTAINERS TO BE SOUND, SEALED AND LABELLED WITH VEOLIA LABELS AS SPECIFIED.
NO IODINE, ITS COMPOUNDS OR ANY ITEMS SPECIFICALLY MENTIONED IN THE QUOTATION TO BE PRESENT.

Vehicle Class: SKIP / FLATBED / VAN
Temperature: AMBIENT
Washout after discharge: NO

PART C : CARRIER'S CERTIFICATE (if more than one carrier is used, please attach schedule for subsequent carriers)

I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Name S.Lawless On behalf of (company, address, post code, tel, fax and email) Veolia
2. Carrier reg/ GK361469 CB reason for exemption
3. Vehicle registration LA58RAB
Signature
Date 7/10/08 at 0810 hrs

PART D : CONSIGNOR'S CERTIFICATE

I certify that the information in A, B and C are correct, that the carrier is registered or exempt and was advised of any specific handling requirements.
All of the waste is packaged and labelled correctly and the carrier had been advised of any special handling requirements.

1. Name D. Williams On behalf of (company, address, post code, tel, fax and email) As A2
Date 7/10/08 at hrs 8.55 AM
Signature D. Wlm
Our standard terms of service/waste acceptance apply

PART E: CONSIGNEE'S CERTIFICATE where more than one waste type is collected all of the information given below must be completed for each EWC.

EWC Received	QTY of EWC (Kg)	EWC Accepted / Rejected	Waste Management Operation (R/D) Code

I certify that waste management licence/permit/authorised exemption number(s) authorises the management of the waste described in B at the address given in A4.

Name
On behalf of (company name, address, post code, tel, fax and email)

Signature

1. I received this waste at the address given in A4 on
Date at hrs

2. Vehicle registration

Samples Required: NO

3. Where waste is rejected, please provide details

VEOLIA ENVIRONMENTAL SERVICES

TECHNICAL SERVICES
BRIDGES ROAD
ELLESMERE PORT
CHESHIRE
CH65 4EQ
Tel: 0151 348 5000 FAX: 0151 3485210

H900/1128

WT NUMBER TWC07713

WORK TICKET
CUSTOMER ADVICE NOTE

KEY NAME	A/C NO. TYPE DP	CUSTOMER REF./ORDER NO./WT REF. NO.	COLLECTION DATE
378081	378081 1	TO FOLLOW	9/10/08

CUSTOMER
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

SPECIAL INSTRUCTIONS: CONTACT/CONDITIONS/EQUIPMENT CUSTOMER WORK SITE
DISPOSAL OF 200 TONNES OF PCB
PCB CONT SOIL IN DRUMS
C/W CON NOTE & LABELS

REQN. NO.	FLEET	SERVICE TYPE	OP	YDS/GALLS.	CN	N/H	WT	W/D	L/C
02	AC	PCB					H		W

SERVICE DESCRIPTION: PCB CONTAMINATED WASTE
80X205L DRUMS

CONTAINERS/COMPACTORS ON HIRE:

CODE	BIN SIZE	CN/CM	NO. OF BINS

DISPOSAL DETAILS

SITE	ALTERNATIVE	REFERENCE

WORK INSTRUCTIONS: CUSTOMERS DESCRIPTION OF WASTE UPON WHICH VEOLIA ENVIRONMENTAL SERVICES RELY	NO. OF LIFTS	VOLUME	UNITS
	1		LOAD

Fittngs:**INVOICE**

WS NO. 356172

I UNDERSTAND AND AGREE MY DUTIES OVERLEAF. M. PHILLIPS SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE

DRIVER: MUST COMPLETE THIS SECTION:

	HOURS	VEHICLE REG. NO.	KMS	LIFTS	VOLUME
ARRIVE 1245					
DEPART 1330	.45	SC ONYX			

DRIVERS' COMMENTS/SIGNATURE:

CU. YDS	TONNES

BAGS 1

DATE: 8/10/08

VES244 01-07

WARNING

- YOUR WASTE IN TANKERS AND CONTAINERS CAN BE DANGEROUS
- CONTAINERS MUST NOT BE FILLED ABOVE THE HEIGHT OF THE SIDES THIS IS YOUR LEGAL RESPONSIBILITY

OUR TERMS OF SERVICE APPLY

PLEASE READ OVERLEAF

DISPOSAL SITE _____ DISPOSAL SIGNATURE _____

THE SERVICE AS STATED ABOVE HAS BEEN COMPLETED TO MY SATISFACTION
SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE M. Phillips

VEOLIA ENVIRONMENTAL SERVICES

WASTE MOVEMENT AUTHORISATION
PRODUCER COPY

Grade HAZARDOUS
WASTE SPECIFICATION 0356172
Account: 378081
Work Ticket: TWC07713
Site Approved: 03/09/2008
One-off: NO

CLEANAWAY CONSIGNMENT NOTE NLV508/CYAME
TC Approved: 01/09/2008
Expiry: 01/09/2009

PART A : NOTIFICATION DETAILS

2. The waste described below is to be removed from
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

Tel: 017900678236
Contact RICHARD HOGG
Fax: email: RICHARD.HOGG@NORWEST.CO.UK
3. Premises Code: NLV508

4. The waste will be taken to
VEOLIA ES (E/PORT HTI)
BRIDGES ROAD
ELLESMERE PORT, SOUTH WIRRAL
CHESHIRE
CH65 4EQ
Licence: BB5193IE
Disposal Area:

5. The waste producer was (if different from 2)

PART B : THE DESCRIPTION OF THE WASTE

1. The process giving rise to the waste(s) was SITE REMEDIATION
2. The SIC for the process giving rise is 45.21.0

3. Waste description and composition SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS MAX 230KG/DRUM
Qty.: 22000 KILO
Container 80 X 205L DRUMS
Physical Form SOLID
EWC 17.09.02*
List Number 80
Restricted Components NO

	UN	Proper Shipping Name	Class	Subclass	Packing Group
WASTE	3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. CONTAINS POLYCHLORINATED BIPHENYLS	9		III
Technical Name			TEC 32	Emergency Action Code	ORANGE BOARDS

3.5 Special Handling Requirements PPE Class 1 Hazard Codes: H14
AVOID CONTACT, SPILLAGE AND VAPOUR/DUST INHALATION. ITEMS TO BE PACKED TO PREVENT DAMAGE AND SPILLAGE IN TRANSIT. CONTAINERS TO BE SOUND, SEALED AND LABELLED WITH VEOLIA LABELS AS SPECIFIED.
NO IODINE, ITS COMPOUNDS OR ANY ITEMS SPECIFICALLY MENTIONED IN THE QUOTATION TO BE PRESENT.

Vehicle Class SKIP / FLATBED / VAN
Temperature AMBIENT
Washout after discharge NO

PART C : CARRIER'S CERTIFICATE (if more than one carrier is used, please attach schedule for subsequent carriers)
I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Name S Travers
On behalf of (company, address, post code, tel, fax and email) Veolia
2. Carrier reg CBC361469CB
reason for exemption
3. Vehicle registration CX58RDA
Signature
Date 8/10/08 at 1245 hrs

PART D : CONSIGNOR'S CERTIFICATE
I certify that the information in A, B and C are correct, that the carrier is registered or exempt and was advised of any specific handling requirements.
All of the waste is packaged and labelled correctly and the carrier had been advised of any special handling requirements.

1. Name M. PHILLIPS
On behalf of (company, address, post code, tel, fax and email) A5 A2
Date 8/10/08 at 1315 hrs
Signature
Our standard terms of service/waste acceptance apply

PART E: CONSIGNEE'S CERTIFICATE where more than one waste type is collected all of the information given below must be completed for each EWC.

EWC Received	QTY of EWC (Kg)	EWC Accepted / Rejected	Waste Management Operation (R/D) Code

I certify that waste management licence/permit/authorised exemption number(s) authorises the management of the waste described in B at the address given in A4.

Name
On behalf of (company name, address, post code, tel, fax and email)

Signature

1. I received this waste at the address given in A4 on
Date at hrs

2. Vehicle registration

Samples Required NO

3. Where waste is rejected, please provide details

W24

H900/1138

VEOLIA ENVIRONMENTAL SERVICES

TECHNICAL SERVICES
BRIDGES ROAD
ELLESMERE PORT
CHESHIRE
CH65 4EQ
Tel: 0151 348 5000 FAX: 0151 3485210

WT NUMBER TWC07714

WORK TICKET
CUSTOMER ADVICE NOTE

KEY NAME	A/C NO. TYPE DP	CUSTOMER REF./ORDER NO./WT REF. NO.	COLLECTION DATE
378081	378081 1	TO FOLLOW	10/10/08

CUSTOMER
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

SPECIAL INSTRUCTIONS: CONTACT/CONDITIONS/EQUIPMENT CUSTOMER WORK SITE
DISPOSAL OF 200 TONNES OF PCB
PCB CONT SOIL IN DRUMS
C/W CON NOTE & LABELS

REQN. NO.	FLEET	SERVICE TYPE	OP	YDS/GALLS.	CN	N/H	WT	W/D	L/C
02	AC	PCB					H		W

CONTAINERS/COMPACTORS ON HIRE:

CODE	BIN SIZE	CN/CM	NO. OF BINS

SERVICE DESCRIPTION: PCB CONTAMINATED WASTE
80x 205L DRUMS

DISPOSAL DETAILS

SITE	ALTERNATIVE	REFERENCE

WORK INSTRUCTIONS: CUSTOMERS DESCRIPTION OF WASTE UPON WHICH VEOLIA ENVIRONMENTAL SERVICES RELY	NO. OF LIFTS	VOLUME	UNITS
		1	LOAD

Fittngs:**INVOICE**

WS NO. 356172

I UNDERSTAND AND AGREE MY DUTIES OVERLEAF. M. PHILLIPS SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE

DRIVER: MUST COMPLETE THIS SECTION:

	HOURS	VEHICLE REG. NO.	KMS	LIFTS	VOLUME
ARRIVE 1325		SC ONYX			
DEPART					

DRIVERS' COMMENTS/SIGNATURE:

CU. YDS	TONNES

BAGS 1

DATE: 9/10/08

VES344 01-07

WARNING

- YOUR WASTE IN TANKERS AND CONTAINERS CAN BE DANGEROUS
- CONTAINERS MUST NOT BE FILLED ABOVE THE HEIGHT OF THE SIDES THIS IS YOUR LEGAL RESPONSIBILITY

OUR TERMS OF SERVICE APPLY

PLEASE READ OVERLEAF

THE SERVICE AS STATED ABOVE HAS BEEN COMPLETED TO MY SATISFACTION

DISPOSAL SITE _____ DISPOSAL SIGNATURE _____ SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE _____

VEOLIA ENVIRONMENTAL SERVICES

WASTE MOVEMENT AUTHORISATION
PRODUCER COPY

Grade HAZARDOUS
WASTE SPECIFICATION 0356172
Account: 378081
Work Ticket: TWC07714
Site Approved: 03/09/2008
One-off: NO

CLEANAWAY CONSIGNMENT NOTE NLV508/CYAMF
TC Approved: 01/09/2008
Expiry: 01/09/2009

PART A : NOTIFICATION DETAILS

2. The waste described below is to be removed from
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

Tel: 017900678236
Contact RICHARD HOGG
Fax: email: RICHARD.HOGG@NORWEST.CO.UK
3. Premises Code: NLV508
5. The waste producer was (if different from 2)

4. The waste will be taken to
VEOLIA ES (E/PORT HTI)
BRIDGES ROAD
ELLESMERE PORT, SOUTH WIRRAL
CHESHIRE
CH65 4EQ
Licence: BS5193IE
Disposal Area:

PART B : THE DESCRIPTION OF THE WASTE

1. The process giving rise to the waste(s) was SITE REMEDIATION
2. The SIC for the process giving rise is 45.21.0

3. Waste description and composition SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS MAX 230KG/DRUM
Qty: 22000 KILO Container 80 X 205L DRUMS Physical Form SOLID
EWC 17.09.02* List Number 80 Restricted Components NO

WASTE	UN 3077	Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. CONTAINS POLYCHLORINATED BIPHENYLS	Class 9	Subclass	Packing Group III
Technical Name			TEC 32	Emergency Action Code: ORANGE BOARDS	

3.5 Special Handling Requirements PPE Class 1 Hazard Codes: H14
AVOID CONTACT, SPILLAGE AND VAPOUR/DUST INHALATION. ITEMS TO BE PACKED TO PREVENT DAMAGE AND SPILLAGE IN TRANSIT. CONTAINERS TO BE SOUND, SEALED AND LABELLED WITH VEOLIA LABELS AS SPECIFIED.
NO IODINE, ITS COMPOUNDS OR ANY ITEMS SPECIFICALLY MENTIONED IN THE QUOTATION TO BE PRESENT.
Vehicle Class SKIP / FLATBED / VAN Temperature AMBIENT Washout after discharge NO

PART C : CARRIER'S CERTIFICATE (if more than one carrier is used, please attach schedule for subsequent carriers)
I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Name SLANIGANS On behalf of (company, address, post code, tel, fax and email) VEOLIA 2. Carrier reg/ EAB361469 GS reason for exemption 3. Vehicle registration LA58RRD
Signature Date 9/10/08 at 1300 hrs

PART D : CONSIGNOR'S CERTIFICATE
I certify that the information in A, B and C are correct, that the carrier is registered or exempt and was advised of any specific handling requirements.
All of the waste is packaged and labelled correctly and the carrier had been advised of any special handling requirements.

1. Name M. PHILLIPS On behalf of (company, address, post code, tel, fax and email) NORWEST HOLST Date 9/10/08 at 1350 hrs
Signature AS 42 Our standard terms of service/waste acceptance apply

PART E: CONSIGNEE'S CERTIFICATE where more than one waste type is collected all of the information given below must be completed for each EWC.

EWC Received	QTY of EWC (Kg)	EWC Accepted / Rejected	Waste Management Operation (R/D) Code

I certify that waste management licence/permit/authorised exemption number(s) authorises the management of the waste described in B at the address given in A4.

Name
On behalf of (company name, address, post code, tel, fax and email)

Signature

1. I received this waste at the address given in A4 on
Date at hrs

2. Vehicle registration

Samples Required NO

3. Where waste is rejected, please provide details

W50

11900/1146

VEOLIA ENVIRONMENTAL SERVICES

TECHNICAL SERVICES
BRIDGES ROAD
ELLESMERE PORT
CHESHIRE
CH65 4EQ
Tel: 0151 348 5000 FAX: 0151 3485210

WT NUMBER: TWC34736

WORK TICKET
CUSTOMER ADVICE NOTE

KEY NAME	A/C NO. TYPE DP	CUSTOMER REF./ORDER NO./WT REF. NO.	COLLECTION DATE
378081	378081 1	TO FOLLOW	13/10/08

CUSTOMER
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

SPECIAL INSTRUCTIONS: CONTACT/CONDITIONS/EQUIPMENT CUSTOMER WORK SITE
DISPOSAL OF 200 TONNES OF PCB
PCB CONT SOIL IN DRUMS
C/W CON NOTE & LABELS

REQN. NO.	FLEET	SERVICE TYPE	OP	YDS/GALLS.	CN	N/H	WT	W/D	L/C
02	AC	PCB					H		W

SERVICE DESCRIPTION: PCB CONTAMINATED WASTE
80 X 205 L DRUMS

CONTAINERS/COMPACTORS ON HIRE:

CODE	BIN SIZE	CN/CM	NO. OF BINS

DISPOSAL DETAILS

SITE	ALTERNATIVE	REFERENCE

WORK INSTRUCTIONS: CUSTOMERS DESCRIPTION OF WASTE UPON WHICH VEOLIA ENVIRONMENTAL SERVICES RELY	NO. OF LIFTS	VOLUME	UNITS
	1		LOAD

Fittngs:**INVOICE**

WS NO. 356172

I UNDERSTAND AND AGREE MY DUTIES OVERLEAF. M. PHILLIPS SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE

DRIVER: MUST COMPLETE THIS SECTION

ARRIVE 0940 / DEPART	HOURS	VEHICLE REG. NO.	KMS	LIFTS	VOLUME
		SC ONYX			

DRIVERS' COMMENTS/SIGNATURE:

CU.YDS	TONNES

BAGS: 1

DATE: 13/10/08

VES244 01-07

DISPOSAL SITE _____ DISPOSAL SIGNATURE _____

THE SERVICE AS STATED ABOVE HAS BEEN COMPLETED TO MY SATISFACTION
SIGNATURE OF CUSTOMER OR AUTHORISED REPRESENTATIVE

WARNING

- YOUR WASTE IN TANKERS AND CONTAINERS CAN BE DANGEROUS
- CONTAINERS MUST NOT BE FILLED ABOVE THE HEIGHT OF THE SIDES THIS IS YOUR LEGAL RESPONSIBILITY

OUR TERMS OF SERVICE APPLY

PLEASE READ OVERLEAF

VEOLIA ENVIRONMENTAL SERVICES

WASTE MOVEMENT AUTHORISATION
PRODUCER COPY

Grade HAZARDOUS
WASTE SPECIFICATION 0356172
TC Approved: 01/09/2008
Expiry: 01/09/2009
Account: 378081
Work Ticket: TWC34736
Site Approved: 03/09/2008
One-off: NO

CLEANAWAY CONSIGNMENT NOTE NLV508/CYARD

PART A : NOTIFICATION DETAILS

2. The waste described below is to be removed from
NORWEST HOLST LIMITED
PROJECT OFFICE
BANK STREET
BUILDING SITE

Tel: 017900678236
Contact RICHARD HOGG
Fax: email: RICHARD.HOGG@NORWEST.CO.UK
3. Premises Code: NLV508
5. The waste producer was (if different from 2)

4. The waste will be taken to
VEOLIA ES (E/PORT HTI)
BRIDGES ROAD
ELLESMERE PORT, SOUTH WIRRAL
CHESHIRE
CH65 4EQ
Licence: BS5193IE
Disposal Area:

PART B : THE DESCRIPTION OF THE WASTE

1. The process giving rise to the waste(s) was SITE REMEDIATION
2. The SIC for the process giving rise is 45.21.0

3. Waste description and composition SOIL CONTAMINATED WITH POLYCHLORINATED BIPHENYLS MAX 230KG/DRUM
Qty:. 22000 KILO Container 80 X 205L DRUMS
EWC 17.09.02* List Number 80
Restricted Components NO
Physical Form SOLID

WASTE	UN 3077	Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	Class: 9	Subclass:	Packing Group: III
Technical Name		CONTAINS POLYCHLORINATED BIPHENYLS	TEC: 32	Emergency Action Code: ORANGE BOARDS	

3.5 Special Handling Requirements PPE Class 1 Hazard Codes: H14
AVOID CONTACT, SPILLAGE AND VAPOUR/DUST INHALATION. ITEMS TO BE PACKED TO PREVENT DAMAGE AND SPILLAGE IN TRANSIT. CONTAINERS TO BE SOUND, SEALED AND LABELLED WITH VEOLIA LABELS AS SPECIFIED.
NO IODINE, ITS COMPOUNDS OR ANY ITEMS SPECIFICALLY MENTIONED IN THE QUOTATION TO BE PRESENT.
Vehicle Class SKIP / FLATBED / VAN Temperature AMBIENT Washout after discharge NO

PART C : CARRIER'S CERTIFICATE (if more than one carrier is used, please attach schedule for subsequent carriers)
I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements.

1. Name S. KNIGHT On behalf of (company, address, post code, tel, fax and email) VEOLIA
2. Carrier reg/ GTC 361469CB reason for exemption
3. Vehicle registration P251 YKV
Signature
Date 13/10/08 at 0940 hrs

PART D : CONSIGNOR'S CERTIFICATE
I certify that the information in A, B and C are correct, that the carrier is registered or exempt and was advised of any specific handling requirements.
All of the waste is packaged and labelled correctly and the carrier had been advised of any special handling requirements.

1. Name M. PHILLIPS On behalf of (company, address, post code, tel, fax and email) NORWEST HOLST Date 13/10/08 at 10:30 hrs
Signature
AS A2
Our standard terms of service/waste acceptance apply

PART E: CONSIGNEE'S CERTIFICATE where more than one waste type is collected all of the information given below must be completed for each EWC.

EWC Received	QTY of EWC (Kg)	EWC Accepted / Rejected	Waste Management Operation (R/D) Code

I certify that waste management licence/permit/authorised exemption number(s) authorises the management of the waste described in B at the address given in A4.

Name
On behalf of (company name, address, post code, tel, fax and email)

1. I received this waste at the address given in A4 on
Date at hrs
2. Vehicle registration
Samples Required NO
3. Where waste is rejected, please provide details

W31

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 09/04/2009 Ticket No.: SH022166

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: ACE/109510

Carrier: Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way

Vehicle Reg. No.: WX53AVY

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18151

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	27460	021649	09/04/09 09:23
Tare	10060	022816	09/04/09 09:46
Net	17400	Measure : 17.40 t	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print) P ELLIOTT

ScanFlowStore trial version. This version may be used till 05 July 2009

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidanc

SECURITY No: 109740

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 OYU

Date: 09/04/2009 Ticket No. SHO22189

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: ACE/109510

Carrier: Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way

Vehicle Reg. No.: WX53AVY

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18156

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	23340	021672	09/04/09 11:36
Tare	10020	022836	09/04/09 11:50
Net	13320	Measure : 13.32 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print) P ELLIOTT

ScanFlowStore trial version. This version may be used till 05 July 2009.

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidanc

SECURITY NO G 109760

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 09/04/2009 Ticket No.: SH022167

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: ACE/109510

Carrier: Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way

Vehicle Reg. No.: RX03EKV

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18152

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	33760	021650	09/04/09 09:26
Tare	11600	022817	09/04/09 09:47
Net	22160	Measure : 22.16 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature D White

Driver's Name (Print) D WHITE

ScanFlowStore trial version. This version may be used till 05 July 2009

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 102750

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as Input VA

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

DW

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 09/04/2009 Ticket No. SH022190

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: ACE/109510

Carrier: Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way

Vehicle Reg. No.: RX03EKV

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18157

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	28700	021673	09/04/09 11:37
Tare	11540	022837	09/04/09 11:51
Net	17160	Measure : 17.16 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print) D WHITE

ScanFlowStore trial version. This version may be used till 05 July 2009.

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO. G 109770

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as Input VA

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTAL

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 09/04/2009 Ticket No.: SH022171

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: ACE/109510

Carrier: Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way

Vehicle Reg. No.: WU02HCZ

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18153

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	33500	021654	09/04/09 09:31
Tare	11640	022819	09/04/09 09:53
Net	21860	Measure : 21.86 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature: D Mellett

Driver's Name (Print): MELLETT

ScanFlowStore trial version. This version may be used till 05 July 2009.

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance.

SECURITY NO G 109752

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V.

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 09/04/2009 Ticket No. SH022191

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: ACE/109510

Carrier: Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way

Vehicle Reg. No.: WU02HCZ

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18158

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	29480	021674	09/04/09 11:38
Tare	11600	022838	09/04/09 11:54
Net	17880	Measure : 17.88 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature: S Mellett

Driver's Name (Print): MELLETT

ScanFlowStore trial version. This version may be used till 05 July 2009.

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidanc

SECURITY NO G 100771

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 09/04/2009 Ticket No: SH022174

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: ACE/109510

Carrier: Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way

Vehicle Reg. No.: WX54EKA

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18155

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	35660	021657	09/04/09 09:39
Tare	12360	022822	09/04/09 10:01
Net	23300	Measure : 23.30 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print) CHRIS

ScanFlowStore trial version. This version may be used till 05 July 2009.

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidanc

SECURITY NO. G 109755

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 09/04/2009 Ticket No.: SH022196

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: ACE/109510

Carrier: Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way

Vehicle Reg. No.: WX54EKA

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18160

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	30200	021679	09/04/09 11:58
Tare	12120	022842	09/04/09 12:09
Net	18080	Measure : 18.08 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print) R BHIR

ScanFlowStore trial version. This version may be used till 05 July 2009.

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 198775

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as input V

This transaction is subject to Cory Environmental (Gloucester) Ltd. Conditions of Disposal, copies of which were made available to the Customer's Representative on arrival at the s

CORY ENVIRONMENTAL NORTH & WEST
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Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 09/04/2009 Ticket No: SH022175

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: ACE/109510

Carrier: Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way

Vehicle Reg. No.: RX57DTF

Weighbridge Operator Name: BBARNES

Weighbridge Operator's Signature:

Shortwood Landfill Site
North Claydon Lane
Yate, Bristol
Tel: 01454 271070
Fax: 01454 883413

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18154

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	33000	021658	09/04/09 09:42
Tare	11960	022823	09/04/09 10:02
Net	21040	Measure : 21.04 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print) B SMITH

ScanFlowStore trial version. This version may be used till 05 July 2009.

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidance

SECURITY NO. G 109756

VAT is at the Standard Rate, Landfill Tax (LFT) is not recoverable as Input

CORY ENVIRONMENTAL NORTH & WEST
Tel 01785 251555 Fax 01785 251666

Cory Environmental (Gloucester) Ltd., Registered in England No. 2664840
Registered Office 2, Coldbath Square, London EC1R 5HL
VAT Reg. No. 577 3648 93 LFT Reg. No. 01576 3538 09000

CORY ENVIRONMENTA

WEIGHBRIDGE TICKET

Site: Shortwood Landfill Site Permit/Licence: BR4713

Customer: SHANKSCO
Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way
Southampton
SO16 0YU

Date: 09/04/2009 Ticket No.: SH022195

Transaction Type: ACCOUNT

INCOMING

Waste Carrier Reg. No.: ACE/109510

Carrier: Shanks Waste Management Ltd
Contaminated Land Services
Unit 22 Nursling Ind. Est.
Oriana Way

Vehicle Reg. No.: RX57DTF

Weighbridge Operator Name: NMOORE

Weighbridge Operator's Signature:

Lists of Wastes (EWC) Code: 17 05 04

Waste Description: Contaminated soil

Source: Newport UA

Transfer Note No.: 18159

Order No.:

Waste Stream No.: SW090001

	KG	Tally Roll No.	Date & Time
Gross	27600	021678	09/04/09 11:56
Tare	12340	022843	09/04/09 12:12
Net	15260	Measure : 15.26 T	

Net £
LFT £
VAT £
Gross £

Driver's Signature

Driver's Name (Print)

ScanFlowStore trial version. This version may be used till 05 July 2009.

By signing this document, the customer confirms that the waste as described has been PRE-TREATED such that it is compliant with Environment Agency pre-treatment criteria pursuant to the Landfill Directive & latest relevant guidanc

SECURITY NO. 6 100776

VAT is at the Standard Rate. Landfill Tax (LFT) is not recoverable as input

Appendix M Land Gas Monitoring Results

Project Name	Durham Road, Newport.	**Record Of Gas Monitoring**	Hole ID
Project No.	F15285		BH601
Engineer	White, Young & Green.		Table No.
Client	Vinci Plc.		

Notes Type of Sampling Point: OB = Open Borehole, GW = Gas Well, HS = Head Space Analysis
SP = Standpipe, SPIE = Piezometer, S = Spike Hole
Measured Gas State: P=Peak Value, SS=Steady State Value, CF=Circulated Flow Value, NR = Not Recor
For double gas valves, record upper valve (UV) and lower valve (LV) values separately

Well Type			S.P.							
Depth to base of installation		mbgl	2.16							
Distance to monitoring point from datum		mbgl				Monitoring Point ID				
Measured Parameter	Units	Detection Limit								
Monitoring round no.	N/A	N/A	1	2	3	4	5	6	7	8
Date	dd/mm/yyyy	N/A	20/06/2008	10/10/2008	16/10/2008	23/10/2008	30/10/2008	23/12/2008		
Time of initial reading	hh:mm	N/A	16:17	18:17	10:31	08:30	10:30	NR		
Water Level	mbgl	0.01	1.93	1.80	1.83	1.86	1.79	1.89		
Measured Gas State	N/A	N/A	ss	ss	ss	ss	ss	ss		
Atmospheric pressure	mb	1	1017	1023	1013	1015	991	1032		
Relative pressure	mb	1	0	3	2	7	3	<1		
CH_4: (LEL) Steady State	%	1	3	<1	<1	<1	<1	<1		
CH_4: (LEL) Peak	%	1	NR	<1	<1	<1	<1	<1		
CH_4: Steady State	%v/v	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
CH_4: Peak	%v/v	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
CO_2: Steady State	%v/v	0.1	4.7	4.1	4.9	5.8	6.7	1		
CO_2: Peak	%v/v	0.1	NR	NR	<0.1	<0.1	<0.1	1.4		
O_2: Steady State	%v/v	0.1	16.5	13.3	15.2	14.2	12.4	20.6		
O_2: Peak	%v/v	0.1	NR	NR	20.2	20.0	19.8	20.5		
CO: Steady State	ppm	1	2	<1	NR	NR	NR	<1		
CO: Peak	ppm	1	NR	<1	NR	NR	NR	<1		
H_2S: Steady State	ppm	1	0	<1	<1	<1	<1	<1		
H_2S: Peak	ppm	1	NR	<1	<1	<1	<1	<1		
Gas Flow	l/hr	0.1	-0.6	1.5	0.7	2.1	3.0	<0.1		
Weather Conditions:			Cloud	Fine	Cloud	Cloud	Rain			

Equipment Used (list): GA 2000

Equipment Last Calibrated (respective to list above): 24/04/2008

Comments

Monitored By:	S.Davies		
Date:	20/06/2008		
Form No.	SI GM	Revision No. 2.03	Issue Date 07/01/2008

NORWEST HOLST SOIL ENGINEERING

Project Name	Durham Road, Newport.	**Record Of Gas Monitoring**	Hole ID
Project No.	F15285		BH602
Engineer	White, Young & Green.		Table No.
Client	Vinci Plc.		

Notes Type of Sampling Point: OB = Open Borehole, GW = Gas Well, HS = Head Space Analysis
SP = Standpipe, SPIE = Piezometer, S = Spike Hole
Measured Gas State: P=Peak Value, SS=Steady State Value, CF=Circulated Flow Value, NR = Not Recor
For double gas valves, record upper valve (UV) and lower valve (LV) values separately

Well Type			S.P.							
Depth to base of installation		mbgl	2.81							
Distance to monitoring point from datum		mbgl				Monitoring Point ID				
Measured Parameter	Units	Detection Limit								
Monitoring round no.	N/A	N/A	1	2	3	4	5	6	7	8
Date	dd/mm/yyyy	N/A	20/06/2008	10/10/2008	16/10/2008	23/10/2008	30/10/2008	23/12/2008		
Time of initial reading	hh:mm	N/A	16:00	18:10	10:25	08:35	16:00	NR		
Water Level	mbgl	0.01	2.12	2.04	2.07	2.08	2.00	2.1		
Measured Gas State	N/A	N/A	ss	ss	ss	ss	ss	ss		
Atmospheric pressure	mb	1	1017	1023	1012	1015	1006	1032		
Relative pressure	mb	1	1	<1	<1	3	<1	<1		
CH_4: (LEL) Steady State	%	1	2	<1	<1	<1	<1	<1		
CH_4: (LEL) Peak	%	1	NR	NR	<1	<1	<1	<1		
CH_4: Steady State	%v/v	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
CH_4: Peak	%v/v	0.1	0.2	NR	<0.1	<0.1	<0.1	<0.1		
CO_2: Steady State	%v/v	0.1	8.1	4.1	2.6	9.5	<0.1	0.3		
CO_2: Peak	%v/v	0.1	NR	NR	<0.1	<0.1	<0.1	0.6		
O_2: Steady State	%v/v	0.1	12.1	16.1	17.8	10.9	20.1	20.8		
O_2: Peak	%v/v	0.1	12.3	NR	20.1	19.9	20.1	20.4		
CO: Steady State	ppm	1	3	0	NR	NR	NR	<1		
CO: Peak	ppm	1	NR	NR	NR	NR	NR	<1		
H_2S: Steady State	ppm	1	<1	<1	<1	<1	<1	<1		
H_2S: Peak	ppm	1	<1	<1	<1	<1	<1	<1		
Gas Flow	l/hr	0.1	-1.1	1.5	0.6	1.7	1.6	<0.1		
Weather Conditions:			Cloud	Fine	Cloud	Cloud	Rain			

Equipment Used (list): GA 2000

Equipment Last Calibrated (respective to list above): 24/04/2008

Comments

Monitored By:	S.Davies		
Date:	20/06/2008		
Form No.	SI GM	Revision No. 2.03	Issue Date 07/01/2008

NORWEST HOLST SOIL ENGINEERING

Project Name	Durham Road, Newport.	**Record Of Gas Monitoring**	Hole ID
Project No.	F15285		BH603
Engineer	White, Young & Green.		Table No.
Client	Vinci Plc.		

Notes Type of Sampling Point: OB = Open Borehole, GW = Gas Well, HS = Head Space Analysis
SP = Standpipe, SPIE = Piezometer, S = Spike Hole
Measured Gas State: P=Peak Value, SS=Steady State Value, CF=Circulated Flow Value, NR = Not Recor
For double gas valves, record upper valve (UV) and lower valve (LV) values separately

Well Type			S.P.							
Depth to base of installation		mbgl	3.48							
Distance to monitoring point from datum		mbgl				Monitoring Point ID				
Measured Parameter	Units	Detection Limit								
Monitoring round no.	N/A	N/A	1	2	3	4	5	6	7	8
Date	dd/mm/yyyy	N/A	20/06/2008	10/10/2008	16/10/2008	23/10/2008	31/10/2008	23/12/2008		
Time of initial reading	hh:mm	N/A	03:07	17:50	10:20	08:45	11:25	NR		
Water Level	mbgl	0.01	2.18	3.13	2.49	2.74	2.64	2.41		
Measured Gas State	N/A	N/A	SS	SS	SS	SS	SS	SS		
Atmospheric pressure	mb	1	1017	1023	1013	1015	992	1032		
Relative pressure	mb	1	<1	<1	<1	1	1	<1		
CH_4: (LEL) Steady State	%	1	2	<1	<1	<1	<1	<1		
CH_4: (LEL) Peak	%	1	NR	<1	<1	<1	<1	<1		
CH_4: Steady State	%v/v	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
CH_4: Peak	%v/v	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1		
CO_2: Steady State	%v/v	0.1	8.8	5.2	0.2	7.3	0.3	0.5		
CO_2: Peak	%v/v	0.1	10.6	NR	<0.1	<0.1	<0.1	0.5		
O_2: Steady State	%v/v	0.1	* 6.0	10.9	19.5	7.7	19.3	20.9		
O_2: Peak	%v/v	0.1	9.4	NR	20.1	19.9	19.8	20.4		
CO: Steady State	ppm	1	1	7	NR	NR	NR	<1		
CO: Peak	ppm	1	NR	NR	NR	NR	NR	<1		
H_2S: Steady State	ppm	1	<1	<1	<1	<1	<1	<1		
H_2S: Peak	ppm	1	<1	<1	<1	<1	<1	<1		
Gas Flow	l/hr	0.1	-0.9	1.2	0.7	1.3	3.0	<0.1		
Weather Conditions:			Cloud	Fine	Cloud	Cloud	Rain			

Equipment Used (list): GA 2000

Equipment Last Calibrated (respective to list above): 24/04/2008

Comments

* O2 Steady State reading did not settle enough for positive reading however was erratic between 6.0 and 7.0

Monitored By:	S.Davies		
Date:	20/06/2008		
Form No.	SI GM	Revision No. 2.03	Issue Date 07/01/2008

NORWEST HOLST SOIL ENGINEERING

Project Name	Durham Road, Newport.	**Record Of Gas Monitoring**	Hole ID
Project No.	F15285		BH603
Engineer	White, Young & Green.		Table No.
Client	Vinci Plc.		

Notes Type of Sampling Point: OB = Open Borehole, GW = Gas Well, HS = Head Space Analysis
SP = Standpipe, SPIE = Piezometer, S = Spike Hole
Measured Gas State: P=Peak Value, SS=Steady State Value, CF=Circulated Flow Value, NR = Not Recor
For double gas valves, record upper valve (UV) and lower valve (LV) values separately

Well Type			S.P.							
Depth to base of installation		mbgl	3.48							
Distance to monitoring point from datum		mbgl				Monitoring Point ID				
Measured Parameter	Units	Detection Limit								
Monitoring round no.	N/A	N/A	9	10	11	12	13	14	15	16
Date	dd/mm/yyyy	N/A	27/11/2008	04/12/2008	11/12/2008	23/12/2008				
Time of initial reading	hh:mm	N/A	10:48	15:07	12:34	NR				
Water Level	mbgl	0.01	2.69	2.62	2.68	2.41				
Measured Gas State	N/A	N/A	SS	SS	SS	SS				
Atmospheric pressure	mb	1	1009	NR	1010	1032				
Relative pressure	mb	1	3	NR	8	<1				
CH_4: (LEL) Steady State	%	1	0	NR	0	<1				
CH_4: (LEL) Peak	%	1	0	NR	0	<1				
CH_4: Steady State	%v/v	0.1	0.0	NR	0.0	<0.1				
CH_4: Peak	%v/v	0.1	0.0	NR	1.4	<0.1				
CO_2: Steady State	%v/v	0.1	5.4	NR	0.1	0.5				
CO_2: Peak	%v/v	0.1	0.0	NR	17.6	0.5				
O_2: Steady State	%v/v	0.1	10.1	NR	19.6	20.9				
O_2: Peak	%v/v	0.1	20.2	NR	0.0	20.4				
CO: Steady State	ppm	1	0	NR	0	<1				
CO: Peak	ppm	1	0	NR	0	<1				
H_2S: Steady State	ppm	1	0	NR	0	<1				
H_2S: Peak	ppm	1	0	NR	0	<1				
Gas Flow	l/hr	0.1	0.0	NR	0.0	<0.1				
Weather Conditions:			Rain	Cloud	Fine					

Equipment Used (list): GA 2000 (rounds 1-5) replacement GA 2000 (rounds 6-)

Equipment Last Calibrated (respective to list above): 24/04/2008 (rounds 1-5), 21/10/2008 (rounds 6-)

Comments

* O2 Steady State reading did not settle enough for positive reading however was erratic between 6.0 and 7.0

Round 10 - BH covered by temporary road when uncovered gas tap had split due to compression.

Monitored By: S.Davies			NORWEST HOLST SOIL ENGINEERING
Date: 20/06/2008			
Form No. SI GM	Revision No. 2.03	Issue Date 07/01/2008	

Project Name	Durham Road, Newport.	**Record Of Gas Monitoring**	Hole ID
Project No.	F15285		BH604
Engineer	White, Young & Green.		Table No.
Client	Vinci Plc.		

Notes Type of Sampling Point: OB = Open Borehole, GW = Gas Well, HS = Head Space Analysis
SP = Standpipe, SPIE = Piezometer, S = Spike Hole
Measured Gas State: P=Peak Value, SS=Steady State Value, CF=Circulated Flow Value, NR = Not Recor
For double gas valves, record upper valve (UV) and lower valve (LV) values separately

Well Type			S.P.								
Depth to base of installation		mbgl	3.30								
Distance to monitoring point from datum		mbgl					Monitoring Point ID				
Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	1	2	3	4	5	6	7	8	
Date	dd/mm/yyyy	N/A	20/06/2008	10/10/2008	16/10/2008	23/10/2008	30/10/2008				
Time of initial reading	hh:mm	N/A	15:12	17:38	10:00	08:53	12:33				
Water Level	mbgl	0.01	2.08	2.12	2.17	2.34	2.15				
Measured Gas State	N/A	N/A	SS	SS	SS	SS	SS				
Atmospheric pressure	mb	1	1016	1023	1012	1015	992				
Relative pressure	mb	1	0	0	1	4	2				
CH_4: (LEL) Steady State	%	1	2	0	0	0	0				
CH_4: (LEL) Peak	%	1	NR	0	0	0	0				
CH_4: Steady State	%v/v	0.1	0.1	0.0	0.0	0.0	0.0				
CH_4: Peak	%v/v	0.1	0.1	0.0	0.0	0.0	15.0				
CO_2: Steady State	%v/v	0.1	1.2	1.1	0.5	0.1	6.6				
CO_2: Peak	%v/v	0.1	2.1	NR	0.0	0.0	0.0				
O_2: Steady State	%v/v	0.1	19.5	19.9	19.8	19.8	17.2				
O_2: Peak	%v/v	0.1	NR	0.0	20.3	19.9	19.8				
CO: Steady State	ppm	1	1	0	NR	NR	NR				
CO: Peak	ppm	1	NR	NR	NR	NR	NR				
H_2S: Steady State	ppm	1	0	0	0	0	0				
H_2S: Peak	ppm	1	NR	NR	0	0	0				
Gas Flow	l/hr	0.1	-1.6	1.1	1.4	1.2	2.7				
Weather Conditions:			Cloud	Fine	Cloud	Cloud	Rain				

Equipment Used (list): GA 2000

Equipment Last Calibrated (respective to list above): 24/04/2008

Comments

Monitored By: S.Davies			NORWEST HOLST SOIL ENGINEERING
Date: 20/06/2008			
Form No. SI GM	Revision No. 2.03	Issue Date 07/01/2008	

Project Name	Durham Road, Newport.	**Record Of Gas Monitoring**	Hole ID
Project No.	F15285		BH604
Engineer	White, Young & Green.		Table No.
Client	Vinci Plc.		

Notes Type of Sampling Point: OB = Open Borehole, GW = Gas Well, HS = Head Space Analysis
SP = Standpipe, SPIE = Piezometer, S = Spike Hole
Measured Gas State: P=Peak Value, SS=Steady State Value, CF=Circulated Flow Value, NR = Not Recor
For double gas valves, record upper valve (UV) and lower valve (LV) values separately

Well Type			S.P.							
Depth to base of installation		mbgl	3.30							
Distance to monitoring point from datum		mbgl				Monitoring Point ID				
Measured Parameter	Units	Detection Limit								
Monitoring round no.	N/A	N/A	9	10	11	12	13	14	15	16
Date	dd/mm/yyyy	N/A	27/11/2008	04/12/2008	11/12/2008	23/12/2008				
Time of initial reading	hh:mm	N/A	10:22	11:30	12:15	NR				
Water Level	mbgl	0.01	2.13	2.15	2.21	2.10				
Measured Gas State	N/A	N/A	SS	SS	SS	SS				
Atmospheric pressure	mb	1	1010	979	1010	1032				
Relative pressure	mb	1	<1	<1	-4	<1				
CH_4: (LEL) Steady State	%	1	<1	<1	<1	<1				
CH_4: (LEL) Peak	%	1	<1	<1	<1	<1				
CH_4: Steady State	%v/v	0.1	<0.1	<0.1	<0.1	<0.1				
CH_4: Peak	%v/v	0.1	<0.1	<0.1	<0.1	<0.1				
CO_2: Steady State	%v/v	0.1	1.3	4.9	4.4	2.8				
CO_2: Peak	%v/v	0.1	0.0	0.0	0.1	2.9				
O_2: Steady State	%v/v	0.1	19.5	14.6	13.4	16.1				
O_2: Peak	%v/v	0.1	20.2	20.4	19.7	16.1				
CO: Steady State	ppm	1	<1	<1	<1	<1				
CO: Peak	ppm	1	<1	<1	<1	<1				
H_2S: Steady State	ppm	1	<1	<1	<1	<1				
H_2S: Peak	ppm	1	<1	<1	<1	<1				
Gas Flow	l/hr	0.1	-0.1	-0.1	-0.1	0.2				
Weather Conditions:			Rain	Cloud	Fine					

Equipment Used (list): GA 2000 (rounds 1-5) replacement GA 2000 (rounds 6-)

Equipment Last Calibrated (respective to list above): 24/04/2008 (rounds 1-5), 21/10/2008 (rounds 6-)

Comments

Monitored By:	S.Davies		
Date:			

NORWEST HOLST SOIL ENGINEERING

Project Name	Durham Road, Newport.	**Record Of Gas Monitoring**	Hole ID
Project No.	F15285		BH604 A
Engineer	White, Young & Green.		Table No.
Client	Vinci Plc.		

Notes Type of Sampling Point: OB = Open Borehole, GW = Gas Well, HS = Head Space Analysis
SP = Standpipe, SPIE = Piezometer, S = Spike Hole
Measured Gas State: P=Peak Value, SS=Steady State Value, CF=Circulated Flow Value, NR = Not Recor
For double gas valves, record upper valve (UV) and lower valve (LV) values separately

Well Type			S.P.								
Depth to base of installation		mbgl	13.61								
Distance to monitoring point from datum		mbgl				Monitoring Point ID					
Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	1	2	3	4	5	6	7	8	
Date	dd/mm/yyyy	N/A	20/06/2008	10/10/2008	16/10/2008	23/10/2008	30/10/2008				
Time of initial reading	hh:mm	N/A	15:05	17:38	09:44	09:00	12:43				
Water Level	mbgl	0.01	7.75	7.20	NR	NR	NR				
Measured Gas State	N/A	N/A	SS	SS	SS	SS	SS				
Atmospheric pressure	mb	1	1016	1023	1012	1015	992				
Relative pressure	mb	1	1	0	1	2	4				
CH_4: (LEL) Steady State	%	1	2	0	0	0	0				
CH_4: (LEL) Peak	%	1	NR	0	0	0	0				
CH_4: Steady State	%v/v	0.1	0.1	0.0	0.0	0.0	0.0				
CH_4: Peak	%v/v	0.1	0.2	0.0	0.0	0.1	0.1				
CO_2: Steady State	%v/v	0.1	0.0	0.0	1.0	0.2	3.2				
CO_2: Peak	%v/v	0.1	NR	0.0	2.5	0.0	0.0				
O_2: Steady State	%v/v	0.1	20.0	20.2	20.2	19.9	18.8				
O_2: Peak	%v/v	0.1	NR	NR	20.5	20.1	19.7				
CO: Steady State	ppm	1	5	0	NR	NR	NR				
CO: Peak	ppm	1	NR	0	NR	NR	NR				
H_2S: Steady State	ppm	1	0	0	0	0	0				
H_2S: Peak	ppm	1	NR	0	0	0	0				
Gas Flow	l/hr	0.1	-2.3	1.0	2.2	1.3	2.2				
Weather Conditions:			Cloud	Fine	Cloud	Cloud	Rain				

Equipment Used (list): GA 2000

Equipment Last Calibrated (respective to list above): 24/04/2008

Comments

Monitored By: S.Davies		
Date: 20/06/2008		

NORWEST HOLST SOIL ENGINEERING

Project Name	Durham Road, Newport.	**Record Of Gas Monitoring**	Hole ID
Project No.	F15285		BH604 A
Engineer	White, Young & Green.		Table No.
Client	Vinci Plc.		

Notes Type of Sampling Point: OB = Open Borehole, GW = Gas Well, HS = Head Space Analysis
SP = Standpipe, SPIE = Piezometer, S = Spike Hole
Measured Gas State: P=Peak Value, SS=Steady State Value, CF=Circulated Flow Value, NR = Not Recor
For double gas valves, record upper valve (UV) and lower valve (LV) values separately

Well Type			S.P.							
Depth to base of installation		mbgl	13.61							
Distance to monitoring point from datum		mbgl				Monitoring Point ID				
Measured Parameter	Units	Detection Limit								
Monitoring round no.	N/A	N/A	9	10	11	12	13	14	15	16
Date	dd/mm/yyyy	N/A	27/11/2008	04/12/2008	11/12/2008	23/12/2008				
Time of initial reading	hh:mm	N/A	10:39	11:12	11:50	NR				
Water Level	mbgl	0.01	7.15	6.93	7.30	7.24				
Measured Gas State	N/A	N/A	SS	SS	SS	SS				
Atmospheric pressure	mb	1	1009	980	1011	1032				
Relative pressure	mb	1	1	4	1	<1				
CH_4: (LEL) Steady State	%	1	<1	<1	<1	<1				
CH_4: (LEL) Peak	%	1	<1	<1	<1	<1				
CH_4: Steady State	%v/v	0.1	<0.1	<0.1	<0.1	<0.1				
CH_4: Peak	%v/v	0.1	<0.1	<0.1	<0.1	<0.1				
CO_2: Steady State	%v/v	0.1	0.2	0.4	0.4	0.3				
CO_2: Peak	%v/v	0.1	<0.1	<0.1	0.1	0.3				
O_2: Steady State	%v/v	0.1	20.2	20.1	19.4	21.0				
O_2: Peak	%v/v	0.1	20.3	20.3	19.4	21.0				
CO: Steady State	ppm	1	<1	<1	<1	<1				
CO: Peak	ppm	1	<1	<1	<1	<1				
H_2S: Steady State	ppm	1	<1	<1	<1	<1				
H_2S: Peak	ppm	1	<1	<1	<1	<1				
Gas Flow	l/hr	0.1	-0.1	-3.8	-0.1	<0.1				
Weather Conditions:			Rain	Cloud	Fine					

Equipment Used (list): GA 2000 (rounds 1-5) replacement GA 2000 (rounds 6-)

Equipment Last Calibrated (respective to list above): 24/04/2008 (rounds 1-5), 21/10/2008 (rounds 6-)

Comments

Ruond 10- Gas Flow peaked at -3.8 l/h within 30seconds then gradually exhausted over 10 mins to -0.4 l/h.

Monitored By: S.Davies		
Date:		

NORWEST HOLST SOIL ENGINEERING

Project Name	Durham Road, Newport.	**Record Of Gas Monitoring**	Hole ID
Project No.	F15285		BH605
Engineer	White, Young & Green.		Table No.
Client	Vinci Plc.		

Notes Type of Sampling Point: OB = Open Borehole, GW = Gas Well, HS = Head Space Analysis
SP = Standpipe, SPIE = Piezometer, S = Spike Hole
Measured Gas State: P=Peak Value, SS=Steady State Value, CF=Circulated Flow Value, NR = Not Recor
For double gas valves, record upper valve (UV) and lower valve (LV) values separately

Well Type			S.P.							
Depth to base of installation		mbgl	3.55							
Distance to monitoring point from datum		mbgl				Monitoring Point ID				
Measured Parameter	Units	Detection Limit								
Monitoring round no.	N/A	N/A	1	2	3	4	5	6	7	8
Date	dd/mm/yyyy	N/A	20/06/2008	10/10/2008	16/10/2008	23/10/2008	31/10/2008			
Time of initial reading	hh:mm	N/A	14:33	17:18	09:15	09:05	09:15			
Water Level	mbgl	0.01	DRY	2.12	2.20	2.21	1.80			
Measured Gas State	N/A	N/A	SS	SS	SS	SS	SS			
Atmospheric pressure	mb	1	1015	1023	1012	1015	1005			
Relative pressure	mb	1	0	0	1	4	-52			
CH_4: (LEL) Steady State	%	1	0	0	3	0	0			
CH_4: (LEL) Peak	%	1	NR	0	NR	0	0			
CH_4: Steady State	%v/v	0.1	0.0	0.0	0.2	0.0	0.0			
CH_4: Peak	%v/v	0.1	0.0	0.0	0.2	0.1	0.0			
CO_2: Steady State	%v/v	0.1	2.5	0.0	0.5	0.7	0.2			
CO_2: Peak	%v/v	0.1	2.6	0.1	NR	0.0	4.0			
O_2: Steady State	%v/v	0.1	12.8	19.7	19.8	18.5	19.4			
O_2: Peak	%v/v	0.1	13.8	19.9	0.0	20.0	18.9			
CO: Steady State	ppm	1	1	0	0	NR	NR			
CO: Peak	ppm	1	NR	0	0	NR	NR			
H_2S: Steady State	ppm	1	1	0	0	0	0			
H_2S: Peak	ppm	1	1	0	0	0	0			
Gas Flow	l/hr	0.1	-1.6	1.0	2.3	1.5	2.9			
Weather Conditions:			Cloud	Fine	Cloud	Cloud	Rain			

Equipment Used (list): GA 2000

Equipment Last Calibrated (respective to list above): 24/04/2008

Comments

Monitored By:	S.Davies		
Date:	20/06/2008		
Form No.	SI GM	Revision No. 2.03	Issue Date 07/01/2008

NORWEST HOLST SOIL ENGINEERING

Project Name	Durham Road, Newport.	**Record Of Gas Monitoring**	Hole ID
Project No.	F15285		BH605
Engineer	White, Young & Green.		Table No.
Client	Vinci Plc.		

Notes Type of Sampling Point: OB = Open Borehole, GW = Gas Well, HS = Head Space Analysis
SP = Standpipe, SPIE = Piezometer, S = Spike Hole
Measured Gas State: P=Peak Value, SS=Steady State Value, CF=Circulated Flow Value, NR = Not Recor
For double gas valves, record upper valve (UV) and lower valve (LV) values separately

Well Type			S.P.							
Depth to base of installation		mbgl	3.55							
Distance to monitoring point from datum		mbgl				Monitoring Point ID				
Measured Parameter	Units	Detection Limit								
Monitoring round no.	N/A	N/A	9	10	11	12	13	14	15	16
Date	dd/mm/yyyy	N/A	27/11/2008	04/12/2008	11/12/2008	23/12/2008				
Time of initial reading	hh:mm	N/A	10:05	12:25	11:20	NR				
Water Level	mbgl	0.01	2.14	1.77	1.67	NR				
Measured Gas State	N/A	N/A	SS	SS	SS	NR				
Atmospheric pressure	mb	1	1010	979	1011	NR				
Relative pressure	mb	1	1	-3	-3	NR				
CH_4: (LEL) Steady State	%	1	2	2	0	NR				
CH_4: (LEL) Peak	%	1	6	3	2	NR				
CH_4: Steady State	%v/v	0.1	0.1	0.1	0.0	NR				
CH_4: Peak	%v/v	0.1	0.3	9.1	5.3	NR				
CO_2: Steady State	%v/v	0.1	1.1	0.0	2.7	NR				
CO_2: Peak	%v/v	0.1	0.0	0.0	0.1	NR				
O_2: Steady State	%v/v	0.1	17.0	20.2	8.4	NR				
O_2: Peak	%v/v	0.1	20.1	20.3	19.2	NR				
CO: Steady State	ppm	1	0	0	0	NR				
CO: Peak	ppm	1	0	2	0	NR				
H_2S: Steady State	ppm	1	0	0	0	NR				
H_2S: Peak	ppm	1	0	0	0	NR				
Gas Flow	l/hr	0.1	0.1	0.0	-0.2	NR				
Weather Conditions:			Rain	Cloud	Fine					

Equipment Used (list): GA 2000 (rounds 1-5) replacement GA 2000 (rounds 6-)

Equipment Last Calibrated (respective to list above): 24/04/2008 (rounds 1-5), 21/10/2008 (rounds 6-)

Comments

Could not locate during visit on 23/12/08. The area was extremely muddy from material displaced by site vehicles.

Monitored By: S.Davies		
Date:		

NORWEST HOLST SOIL ENGINEERING

Project Name	Durham Road, Newport.	**Record Of Gas Monitoring**	Hole ID
Project No.	F15285		BH606
Engineer	White, Young & Green.		Table No.
Client	Vinci Plc.		

Notes Type of Sampling Point: OB = Open Borehole, GW = Gas Well, HS = Head Space Analysis
SP = Standpipe, SPIE = Piezometer, S = Spike Hole
Measured Gas State: P=Peak Value, SS=Steady State Value, CF=Circulated Flow Value, NR = Not Recor
For double gas valves, record upper valve (UV) and lower valve (LV) values separately

Well Type			S.P.							
Depth to base of installation		mbgl	2.80							
Distance to monitoring point from datum		mbgl				Monitoring Point ID				
Measured Parameter	Units	Detection Limit								
Monitoring round no.	N/A	N/A	1	2	3	4	5	6	7	8
Date	dd/mm/yyyy	N/A	20/06/2008	10/10/2008	16/10/2008	23/10/2008	30/10/2008			
Time of initial reading	hh:mm	N/A	13:48	17:08	09:10	09:34	12:15			
Water Level	mbgl	0.01	2.80	1.64	1.93	1.94	1.67			
Measured Gas State	N/A	N/A	SS	SS	SS	SS	SS			
Atmospheric pressure	mb	1	1014	1023	1012	1015	993			
Relative pressure	mb	1	0	0	3	2	7			
CH_4: (LEL) Steady State	%	1	1	0	2	0	0			
CH_4: (LEL) Peak	%	1	NR	0	48	0	0			
CH_4: Steady State	%v/v	0.1	0.1	0.1	NR	0.0	0.0			
CH_4: Peak	%v/v	0.1	0.1	0.3	2.5	0.0	0.0			
CO_2: Steady State	%v/v	0.1	0.0	9.4	0.8	0.0	0.9			
CO_2: Peak	%v/v	0.1	NR	NR	0.0	0.0	0.0			
O_2: Steady State	%v/v	0.1	20.2	8.0	19.6	20.2	18.9			
O_2: Peak	%v/v	0.1	20.3	NR	0.0	20.1	19.9			
CO: Steady State	ppm	1	0	0	0	NR	NR			
CO: Peak	ppm	1	NR	2	0	NR	NR			
H_2S: Steady State	ppm	1	0	0	0	0	0			
H_2S: Peak	ppm	1	NR	0	0	0	0			
Gas Flow	l/hr	0.1	-0.1	0.9	2.4	1.8	2.8			
Weather Conditions:			Cloud	Fine	Cloud	Cloud	Rain			

Equipment Used (list): GA 2000

Equipment Last Calibrated (respective to list above): 24/04/2008

Comments

Monitored By:	S.Davies		
Date:	20/06/2008		
Form No.	SI GM	Revision No. 2.03	Issue Date 07/01/2008

NORWEST HOLST SOIL ENGINEERING

Project Name	Durham Road, Newport.	**Record Of Gas Monitoring**	Hole ID
Project No.	F15285		BH606
Engineer	White, Young & Green.		Table No.
Client	Vinci Plc.		

Notes Type of Sampling Point: OB = Open Borehole, GW = Gas Well, HS = Head Space Analysis
SP = Standpipe, SPIE = Piezometer, S = Spike Hole
Measured Gas State: P=Peak Value, SS=Steady State Value, CF=Circulated Flow Value, NR = Not Recor
For double gas valves, record upper valve (UV) and lower valve (LV) values separately

Well Type			S.P.							
Depth to base of installation		mbgl	2.80							
Distance to monitoring point from datum		mbgl				Monitoring Point ID				
Measured Parameter	Units	Detection Limit								
Monitoring round no.	N/A	N/A	9	10	11	12	13	14	15	16
Date	dd/mm/yyyy	N/A	27/11/2008	04/12/2008	11/12/2008	23/12/2008				
Time of initial reading	hh:mm	N/A	09:50	NR	NR	NR				
Water Level	mbgl	0.01	1.80	NR	NR	NR				
Measured Gas State	N/A	N/A	SS	NR	NR	NR				
Atmospheric pressure	mb	1	1010	NR	NR	NR				
Relative pressure	mb	1	0	NR	NR	NR				
CH_4: (LEL) Steady State	%	1	0	NR	NR	NR				
CH_4: (LEL) Peak	%	1	0	NR	NR	NR				
CH_4: Steady State	%v/v	0.1	0.0	NR	NR	NR				
CH_4: Peak	%v/v	0.1	2.4	NR	NR	NR				
CO_2: Steady State	%v/v	0.1	0.1	NR	NR	NR				
CO_2: Peak	%v/v	0.1	0.0	NR	NR	NR				
O_2: Steady State	%v/v	0.1	19.8	NR	NR	NR				
O_2: Peak	%v/v	0.1	19.7	NR	NR	NR				
CO: Steady State	ppm	1	0	NR	NR	NR				
CO: Peak	ppm	1	0	NR	NR	NR				
H_2S: Steady State	ppm	1	0	NR	NR	NR				
H_2S: Peak	ppm	1	0	NR	NR	NR				
Gas Flow	l/hr	0.1	0.0	NR	NR	NR				
Weather Conditions:			Rain	Cloud	Fine					

Equipment Used (list): GA 2000 (rounds 1-5) replacement GA 2000 (rounds 6-)

Equipment Last Calibrated (respective to list above): 24/04/2008 (rounds 1-5), 21/10/2008 (rounds 6-)

Comments

Round 10 - BH606 Damaged beyond repair.

Monitored By: S.Davies		
Date:		

NORWEST HOLST SOIL ENGINEERING

Project Name	Durham Road, Newport.	**Record Of Gas Monitoring**	Hole ID
Project No.	F15285		BH606 A
Engineer	White, Young & Green.		Table No.
Client	Vinci Plc.		

Notes Type of Sampling Point: OB = Open Borehole, GW = Gas Well, HS = Head Space Analysis
SP = Standpipe, SPIE = Piezometer, S = Spike Hole
Measured Gas State: P=Peak Value, SS=Steady State Value, CF=Circulated Flow Value, NR = Not Recor
For double gas valves, record upper valve (UV) and lower valve (LV) values separately

Well Type			S.P.								
Depth to base of installation		mbgl	13.04								
Distance to monitoring point from datum		mbgl				Monitoring Point ID					
Measured Parameter	Units	Detection Limit									
Monitoring round no.	N/A	N/A	1	2	3	4	5	6	7	8	
Date	dd/mm/yyyy	N/A	20/06/2008	10/10/2008	16/10/2008	23/10/2008	30/10/2008				
Time of initial reading	hh:mm	N/A	13:58	16:55	09:05	09:42	NR				
Water Level	mbgl	0.01	4.98	4.81	4.66	4.76	4.52				
Measured Gas State	N/A	N/A	SS	SS	SS	SS	SS				
Atmospheric pressure	mb	1	1014	1024	1012	1015	992				
Relative pressure	mb	1	0	1	2	1	4				
CH_4: (LEL) Steady State	%	1	39	14	0	NR	0				
CH_4: (LEL) Peak	%	1	NR	NR	0	0	0				
CH_4: Steady State	%v/v	0.1	1.8	0.7	0.0	18.6	17.6				
CH_4: Peak	%v/v	0.1	2.9	1.4	0.0	25.2	25.9				
CO_2: Steady State	%v/v	0.1	1.3	0.4	0.0	4.9	4.8				
CO_2: Peak	%v/v	0.1	NR	NR	0.0	0.0	0.0				
O_2: Steady State	%v/v	0.1	18.5	19.6	20.4	13.4	12.6				
O_2: Peak	%v/v	0.1	NR	NR	0.0	20.2	19.9				
CO: Steady State	ppm	1	35	NR	NR	NR	NR				
CO: Peak	ppm	1	NR	NR	NR	NR	NR				
H_2S: Steady State	ppm	1	0	0	0	0	0				
H_2S: Peak	ppm	1	NR	0	0	0	0				
Gas Flow	l/hr	0.1	-0.8	0.6	2.4	1.8	2.8				
Weather Conditions:			Cloud	Fine	Cloud	Cloud	Rain				

Equipment Used (list): GA 2000

Equipment Last Calibrated (respective to list above): 24/04/2008

Comments

Monitored By:	S.Davies		
Date:	20/06/2008		
Form No.	SI GM	Revision No. 2.03	Issue Date 07/01/2008

NORWEST HOLST SOIL ENGINEERING

Project Name	Durham Road, Newport.	**Record Of Gas Monitoring**	Hole ID
Project No.	F15285		BH606 A
Engineer	White, Young & Green.		Table No.
Client	Vinci Plc.		

Notes Type of Sampling Point: OB = Open Borehole, GW = Gas Well, HS = Head Space Analysis
SP = Standpipe, SPIE = Piezometer, S = Spike Hole
Measured Gas State: P=Peak Value, SS=Steady State Value, CF=Circulated Flow Value, NR = Not Recor
For double gas valves, record upper valve (UV) and lower valve (LV) values separately

Well Type			S.P.							
Depth to base of installation		mbgl	13.04							
Distance to monitoring point from datum		mbgl				Monitoring Point ID				
Measured Parameter	Units	Detection Limit								
Monitoring round no.	N/A	N/A	9	10	11	12	13	14	15	16
Date	dd/mm/yyyy	N/A	27/11/2008	04/12/2008	11/12/2008	23/12/2008				
Time of initial reading	hh:mm	N/A	09:30	12:00	10:10	NR				
Water Level	mbgl	0.01	4.60	4.38	4.73	4.65				
Measured Gas State	N/A	N/A	SS	SS	SS	SS				
Atmospheric pressure	mb	1	1010	978	1012	1032				
Relative pressure	mb	1	<1	6	<1	<1				
CH_4: (LEL) Steady State	%	1	NR	NR	NR	<1				
CH_4: (LEL) Peak	%	1	<1	NR	NR	<1				
CH_4: Steady State	%v/v	0.1	7.3	33.3	26.7	<0.1				
CH_4: Peak	%v/v	0.1	15.8	61.2	51.6	<0.1				
CO_2: Steady State	%v/v	0.1	3.3	4.5	4.3	4.6				
CO_2: Peak	%v/v	0.1	<0.1	<0.1	0.1	4.7				
O_2: Steady State	%v/v	0.1	16.1	10.6	10.6	13.9				
O_2: Peak	%v/v	0.1	20.0	20.3	19.5	13.6				
CO: Steady State	ppm	1	<1	1	<1	<1				
CO: Peak	ppm	1	<1	4	<1	<1				
H_2S: Steady State	ppm	1	<1	<1	<1	<1				
H_2S: Peak	ppm	1	<1	<1	<1	<1				
Gas Flow	l/hr	0.1	<0.1	<0.1	<0.1	<0.1				
Weather Conditions:			Rain							

Equipment Used (list): GA 2000 (rounds 1-5) replacement GA 2000 (rounds 6-)

Equipment Last Calibrated (respective to list above): 24/04/2008 (rounds 1-5), 21/10/2008 (rounds 6-)

Comments

Monitored By: S.Davies		
Date:		

NORWEST HOLST SOIL ENGINEERING

Project Name	Durham Road, Newport.	**Record Of Gas Monitoring**	Hole ID
Project No.	F15285		BH607
Engineer	White, Young & Green.		Table No.
Client	Vinci Plc.		

Notes Type of Sampling Point: OB = Open Borehole, GW = Gas Well, HS = Head Space Analysis
SP = Standpipe, SPIE = Piezometer, S = Spike Hole
Measured Gas State: P=Peak Value, SS=Steady State Value, CF=Circulated Flow Value, NR = Not Recor
For double gas valves, record upper valve (UV) and lower valve (LV) values separately

Well Type			S.P.							
Depth to base of installation		mbgl	2.76							
Distance to monitoring point from datum		mbgl				Monitoring Point ID				
Measured Parameter	Units	Detection Limit								
Monitoring round no.	N/A	N/A	1	2	3	4	5	6	7	8
Date	dd/mm/yyyy	N/A	20/06/2008	10/10/2008	16/10/2008	23/10/2008	30/10/2008			
Time of initial reading	hh:mm	N/A	14:10	16:40	10:55	11:27	09:25			
Water Level	mbgl	0.01	2.44	1.55	1.71	2.43	1.63			
Measured Gas State	N/A	N/A	SS	SS	SS	SS	SS			
Atmospheric pressure	mb	1	1015	1024	1013	1015	991			
Relative pressure	mb	1	0	0	0	1	1			
CH_4: (LEL) Steady State	%	1	1	0	0	1	0			
CH_4: (LEL) Peak	%	1	NR	4	0	0	0			
CH_4: Steady State	%v/v	0.1	0.1	0.0	0.0	0.1	0.0			
CH_4: Peak	%v/v	0.1	1.3	0.2	0.1	11.1	0.3			
CO_2: Steady State	%v/v	0.1	0.0	3.7	0.6	4.1	3.9			
CO_2: Peak	%v/v	0.1	NR	NR	0.0	0.0	0.0			
O_2: Steady State	%v/v	0.1	19.7	17.4	19.7	16.8	16.3			
O_2: Peak	%v/v	0.1	NR	NR	20.4	20.2	19.8			
CO: Steady State	ppm	1	0	2	NR	NR	NR			
CO: Peak	ppm	1	NR	34	NR	NR	NR			
H_2S: Steady State	ppm	1	0	0	0	0	0			
H_2S: Peak	ppm	1	NR	0	0	0	0			
Gas Flow	l/hr	0.1	-1.2	0.9	1.3	1.5	3.2			
Weather Conditions:			Cloud	Fine	Cloud	Cloud	Rain			

Equipment Used (list): GA 2000

Equipment Last Calibrated (respective to list above): 24/04/2008

Comments

Monitored By:	S.Davies		
Date:	20/06/2008		
Form No.	SI GM	Revision No. 2.03	Issue Date 07/01/2008

NORWEST HOLST SOIL ENGINEERING

Project Name	Durham Road, Newport.	**Record Of Gas Monitoring**	Hole ID
Project No.	F15285		BH607
Engineer	White, Young & Green.		Table No.
Client	Vinci Plc.		

Notes Type of Sampling Point: OB = Open Borehole, GW = Gas Well, HS = Head Space Analysis
SP = Standpipe, SPIE = Piezometer, S = Spike Hole
Measured Gas State: P=Peak Value, SS=Steady State Value, CF=Circulated Flow Value, NR = Not Recor
For double gas valves, record upper valve (UV) and lower valve (LV) values separately

Well Type			S.P.							
Depth to base of installation		mbgl	2.76							
Distance to monitoring point from datum		mbgl				Monitoring Point ID				
Measured Parameter	Units	Detection Limit								
Monitoring round no.	N/A	N/A	9	10	11	12	13	14	15	16
Date	dd/mm/yyyy	N/A	27/11/2008	04/12/2008	11/12/2008	23/12/2008				
Time of initial reading	hh:mm	N/A	09:20	10:57	09:57	NR				
Water Level	mbgl	0.01	1.73	1.67	1.84	1.46				
Measured Gas State	N/A	N/A	SS	SS	SS	SS				
Atmospheric pressure	mb	1	1011	979	1011	1032				
Relative pressure	mb	1	1	<1	<1	<1				
CH_4: (LEL) Steady State	%	1	<1	<1	<1	<1				
CH_4: (LEL) Peak	%	1	<1	<1	<1	<1				
CH_4: Steady State	%v/v	0.1	<0.1	<0.1	<0.1	<0.1				
CH_4: Peak	%v/v	0.1	<0.1	<0.1	<0.1	<0.1				
CO_2: Steady State	%v/v	0.1	1.9	0.7	2.6	1.7				
CO_2: Peak	%v/v	0.1	<0.1	<0.1	0.1	1.8				
O_2: Steady State	%v/v	0.1	19.0	19.6	17.8	20.1				
O_2: Peak	%v/v	0.1	20.0	20.1	19.4	20.0				
CO: Steady State	ppm	1	<1	<1	<1	<1				
CO: Peak	ppm	1	<1	<1	<1	<1				
H_2S: Steady State	ppm	1	<1	<1	<1	<1				
H_2S: Peak	ppm	1	<1	<1	<1	<1				
Gas Flow	l/hr	0.1	0.1	-0.1	<0.1	<0.1				
Weather Conditions:			Rain	Cloud	Fine					

Equipment Used (list): GA 2000 (rounds 1-5) replacement GA 2000 (rounds 6-)

Equipment Last Calibrated (respective to list above): 24/04/2008 (rounds 1-5), 21/10/2008 (rounds 6-)

Comments

Monitored By:	S.Davies		
Date:			

NORWEST HOLST SOIL ENGINEERING

Project Name	Durham Road, Newport.	**Record Of Gas Monitoring**	Hole ID
Project No.	F15285		BH608
Engineer	White, Young & Green.		Table No.
Client	Vinci Plc.		

Notes Type of Sampling Point: OB = Open Borehole, GW = Gas Well, HS = Head Space Analysis
SP = Standpipe, SPIE = Piezometer, S = Spike Hole
Measured Gas State: P=Peak Value, SS=Steady State Value, CF=Circulated Flow Value, NR = Not Recor
For double gas valves, record upper valve (UV) and lower valve (LV) values separately

Well Type			S.P.							
Depth to base of installation		mbgl	2.95							
Distance to monitoring point from datum		mbgl				Monitoring Point ID				
Measured Parameter	Units	Detection Limit								
Monitoring round no.	N/A	N/A	1	2	3	4	5	6	7	8
Date	dd/mm/yyyy	N/A	20/06/2008	10/10/2008	16/10/2008	23/10/2008	30/10/2008	23/12/2008		
Time of initial reading	hh:mm	N/A	14:20	16:28	10:45	14:00	08:45	NR		
Water Level	mbgl	0.01	1.58	1.68	1.67	1.68	1.64	1.39		
Measured Gas State	N/A	N/A	SS	SS	SS	SS	SS	SS		
Atmospheric pressure	mb	1	1015	1024	1013	1013	990	1032		
Relative pressure	mb	1	<1	<1	<1	3	1	<1		
CH_4: (LEL) Steady State	%	1	1	3	<1	2	6	<1		
CH_4: (LEL) Peak	%	1	NR	NR	<1	<1	7	<1		
CH_4: Steady State	%v/v	0.1	0.1	0.2	<0.1	0.1	0.3	<0.1		
CH_4: Peak	%v/v	0.1	0.1	0.2	<0.1	0.4	0.5	<0.1		
CO_2: Steady State	%v/v	0.1	4.3	7.1	0.7	10.6	10.0	2.7		
CO_2: Peak	%v/v	0.1	4.5	9.8	1.7	<0.1	<0.1	3		
O_2: Steady State	%v/v	0.1	15.5	6.3	19.7	8.4	7.6	18.4		
O_2: Peak	%v/v	0.1	15.8	10.2	20.2	20.1	19.7	18		
CO: Steady State	ppm	1	<1	3	NR	NR	NR	<1		
CO: Peak	ppm	1	1	4	NR	NR	NR	<1		
H_2S: Steady State	ppm	1	<1	<1	<1	<1	<1	<1		
H_2S: Peak	ppm	1	NR	<1	<1	<1	<1	<1		
Gas Flow	l/hr	0.1	-1.6	0.7	1.2	1.2	3.2	<0.1		
Weather Conditions:			Cloud	Fine	Cloud	Cloud	Rain			

Equipment Used (list): GA 2000

Equipment Last Calibrated (respective to list above): 24/04/2008

Comments

Monitored By:	S.Davies		
Date:	20/06/2008		
Form No.	SI GM	Revision No. 2.03	Issue Date 07/01/2008

NORWEST HOLST SOIL ENGINEERING

Appendix N Asbestos Boundary Air Monitoring Method Statements and Results

MANESTREAM LTD

Air Monitoring

Method Statement

Glebelands PFI, Bank Street, Newport

1.0 CONTRACT INFORMATION

1.1 **JOB NO: M10681**	**1.2** **TYPE OF AIR MONITORING: Background, reassurance and personal.**
1.3 **DATE: 17th June, 24th June, 1st July, 8th July, 15th July 2008**	**1.4** **DURATION: 5 days total.** **HOURS ON SITE: As required, (9:00 A.M onwards**
1.5 **SITE ADDRESS: Glebelands PFI, Bank Street, Newport, Gwent**	**1.6** **SITE CONTACT: Matthew Philips (section engineer)** **CONTACT NO: 01633 235925 or 07778521464** **EMAIL:'Christiaan.Wilkinson@norwest.co.uk'**
1.7 **CLIENT ADDRESS:** **Norwest Holst, Parkside lane, Dewsbury Road, Leeds, LS11 5SX**	**1.8** **CLIENT CONTACT: Christiaan Wilkinson** **CONTACT NO:** 0113 3859138 **EMAIL:'Christiaan.Wilkinson@norwest.co.uk'**
1.9 **NEAREST HOSPITAL: Royal Gwent Hospital, Stow Hill, Newport,** **CONTACT NO: 01633 234056** **In Emergency dial 999.**	**1.10** **SCOPE OF WORK:** **Air monitoring at prescribed locations on site. (see site specific information)**
1.11 **METHOD STATEMENT PREPARED BY: Stephen Wingrove** **DATE PREPARED: 14th June 2008** **CONTACT NO: 0208 8058282** **MOBILE NO:07899798178**	**1.12** **SECURITY ARRANGEMENTS:** **Sign in upon arrival at ground level reception, if no receptionist is on duty go upstairs to site offices to let them know.**

1.13	**EMERGENCY CONTACT DETAILS**
PROJECT MANAGER	**Stephen Wingrove 07899798178**
HEALTH & SAFETY MANAGER	**PAUL BRIDGER: 07813 906941**

Contents:

1. Contract Information
2. Introduction
3. Quality control
4. Arrangements for air monitoring
5. Presentation of information
6. Site Specific Information
7. Confirmation Sheet

2.0 Introduction

2.1 Manestream Ltd have been appointed by Christiaan Wilkinson (1.8) on behalf of Norwest Holst (1.7) to undertake air monitoring to ascertain the presence and levels of asbestos air borne fibres. The works commence on 17th June 2008 and will continue for 4 days, (1 day per week over those following weeks)
This method statement sets out to explain the air monitoring process.

3.0 Quality Control

3.1 Manestream Ltd is accredited to ISO 17025 and ISO 17020 for surveys and air monitoring for Asbestos Containing Materials (ACM's) by the United Kingdom Accreditation Service (UKAS). UKAS is the sole recognised accreditation body under EN45013 and carries out regular reviews on the company's quality assurance procedures and survey practices. In addition, the company participates in the Asbestos in Materials Scheme (AIMS) and the Regular Inter Laboratory Counting Exchange Scheme (RICE). These are further quality procedures that are undertaken by reputable Asbestos Consultants.

3.2 The air monitoring is carried out in accordance with the Health & Safety Executive document HSG 248 The Analysts Guide, and Inline with the Control of Asbestos Regulations 2006.

4.0 Arrangements for the air monitoring

The following procedure outlines the process:

4.1 The air monitoring will be undertaken within the working hours identified in section 1.4.

4.2 The specific site security arrangements will be dependant on the individual property See section 1.12.

4.3 The provision of security codes/keys to enable access to all areas will be required. All areas will be left secure on completion of the survey process.

4.4 All analysts will carry identification cards and will wear corporate clothing.

5.0 The air monitoring process

5.1 The air monitoring will be undertaken by an analyst .The analyst will carry out an initial walkthrough of the building/site to plan how the works will be carried out. This will be done in conjunction with a representative of the client or the designated security guard. This will present the analyst with an opportunity to identify any hazards within the premises and undertake a site specific risk assessment if required. Standard generic risk assessments are carried by the analyst.

5.2 The actual air monitoring sampling process involves using a battery powered pump to draw a known volume of air through a cellulose filter. Upon completion the filter is removed and either returned to the mobile site laboratory or an area of the site that has been allowed to be used as a site lab/counting area. The filters are treated with acetone to collapse the filter and then with triacetin to provide a firm matrix to seal the slide to the cover slip. The slides are then examined using phase contrast microscopy and all respirable size fibres counted. The fibre concentration is then worked out and reported on the worksheets. All sampling and counting procedures will be as per our company UKAS accredited procedure: Procedural Manual 05 – Air monitoring. For further information a detailed description of the air monitoring process can be found within Procedural Manual 05.

Actual test locations on this site have been prescribed by the client (see site specific information)

6.0 Presentation of Information

6.1 Analysts use onsite carbonated worksheets sheets to collect and record the required data. A copy of the completed worksheet is to left on site with the client's site representative (Matthew Philips).

SITE SPECIFIC INFORMATION:

Report to Norwest Holst site cabins. Sign in; if no receptionist is present go upstairs to site offices to alert them of your presence.
Hard hat, safety shoes and fluorescent vest required on site. **Also a CSCS card or certificate is required for site access.**
Leave copy of air monitoring certificate with Matthew Philips (Norwest Holst site engineer)

1st visit 17th June 2008
A number of background tests are to be undertaken at three prescribed locations AM1, AM2 and AM3 prior to the start of excavation works to provide a baseline for subsequent weekly air tests.

For subsequent visits 24 June, 1 July, 8 July, 15 July 2008
Reassurance air monitoring is to be done at the three prescribed locations AM1, AM2 and AM3, which surround a fenced off area where excavations are occurring (this area an old landfill site and known to contain asbestos materials). Do 12 tests spaced through day.

8th July 2008
Personal air monitoring (3 of) will be required on this site on visit on operatives involved in excavation process. Only a maximum of 9 reassurance air monitoring tests to be done on this day.

7.0 CONFORMATION SHEET

I CONFIRM THAT I HAVE READ AND UNDERSTOOD THE CONTENT OF THIS METHOD STATEMENT PRODUCED BY MANESTREAM FOR THIS PROJECT AND AGREE TO WORK TO THE METHODS SET AND WITHIN THE COMPANY PROCEDURES AS ACCREDITTED BY UKAS.		
PRINT NAME	**SIGNATURE**	**DATE**

PROCEDURAL MANUAL - 05

MANESTREAM LTD

AIR MONITORING

ISSUE NUMBER 2.5
ISSUE DATE. DECEMBER 07
COPY No. 00

MANUAL IS ISSUED UNDER THE AUTHORITY OF:



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AMENDMENT SHEET

This sheet MUST be retained in the front of The Procedural Manual at all times.

Under no circumstances may a member of staff, other than the Quality Manager or nominated person, add , remove or alter pages in the Procedural Manual.

ALL NEW AMENDMENTS WILL SUPERCEDE ALL PREVIOUS ISSUED AMENDMENTS AUTOMATICALLY. INSTRUCTIONS ON NEW AMENDMENT SHEETS WILL BE EFFECTIVE FROM THE DATE OF ISSUE.

AMENDMENT ISSUE NO.	AMENDMENT ISSUE DATE	DISCARD			INSERT		
		SECTION	SHEET	ISSUE No:	SECTION	SHEET	ISSUE No:
1	MAR 06	ALL	ALL	1	ALL	ALL	2
2	JUL 06	2	2 OF 4	2.1	2	2 OF 4	2.2
3	JUL 06	2	4 OF 4	2.1	2	4 OF 4	2.2
4	JUL 06	3	1 OF 12	2.1	3	1 OF 12	2.2
5	JUL 06	3	2 OF 12	2.1	3	2 OF 12	2.2
6	JUL 06	3	3 OF 12	2.1	3	3 OF 12	2.2
7	JUL 06	3	4 OF 12	2.1	3	4 OF 12	2.2
8	JUL 06	3	7 OF 12	2.1	3	7 OF 12	2.2
9	JUL 06	4	1 OF 3	2.1	4	1 OF 3	2.2
10	AUG 06	AM SHT	1 OF 1	2.2	AM SHT	1 OF 1	2.3
11	AUG 06	COVER	1 OF 1	2.1	COVER	1 OF 1	2.2
12	NOV 06	AM SHT	1 OF 1	2.3	AM SHT	1 OF 1	2.4
13	NOV 06	2	1 OF 4	2.1	2	1 OF 4	2.2
14	NOV 06	3	1 OF 12	2.2	3	1 OF 12	2.3
15	NOV 06	3	2 OF 12	2.2	3	2 OF 12	2.3
16	NOV 06	4	2 OF 3	2.1	4	2 OF 3	2.2
17	NOV 06	4	3 OF 3	2.1	4	3 OF 3	2.2

SECTION	PAGE NO.	TITLE/DESCRIPTION	ISSUE NO.	DATE
Amen page	1	Revised amendment sheet table	2.3	MAY 07
2.2.1.1		Phase contrast test slide checking procedure introduced	2.5	DEC 07
2.2.3	6	Revised rotameter calibration procedure	2.5	DEC 07
3.6	11	Personal sampling amended for STEL and removal of Action Levels from CAR 2006	2.5	DEC 07

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SECTION 1 – AIR MONITORING REQUEST

1.0 AIR MONITORING ENQUIRY

A request for air monitoring will be forwarded to a Project/Contracts Manager or higher authority. The Project/Contracts Manager or higher authority will assess the client's requirements with regard the location and type of air test to be undertaken. In addition the Project/Contracts Manager will take into consideration resource, including availability of authorised staff, the Project/Contracts Manager or higher authority will then confirm the undertaking of the work. A Contract/Quote sheet (QCD017) will be raised and sent to the prospective client. This document will outline the standard terms and conditions of engagement of Manestream Limited and will specify the standard methods and procedures to be applied for the air testing works.

1.1 Site Based Air Monitoring

Details of samples taken on site will be recorded in the analyst's job allocation book (FIB006), thus assigning a certificate number and sample number/s. The test report will be completed following analysis as described in Section 5.

1.2 External Samples

In the event that a client has requested fibre counting of slides then during the initial enquiry stage the client's requirements must be clearly identified. It must be established whether the results are only to be reported as number of fibres and fields counted or if calculations are required such as fibre density or fibre concentration. If the latter is the case, then the Client will need to provide details regarding the volume of air drawn through the filter and the exposed filter area. It will also be identified at this stage under what fibre counting rules the slides are to be analysed.

All samples received from a third party at the laboratory's address will be forwarded to the Quality Manager or Technical Director (in their absence another member of staff will be appointed) The manager will ensure the samples are accompanied with sufficient details for compilation of the test certificate. The samples will be taken straight to the laboratory 'reception point' and will remain at this location until booked-in.
The sample details will be recorded in the base laboratory allocation book, thus assigning a certificate number and sample number/s.

Sampling details as provided by the client will be recorded on the 'Airborne Fibre Sampling and Analysis Report (FIB001) the test certificate will also make reference to the fact that sampling has been undertaken by a third party and that Manestream cannot be held responsible for the sampling element of the test. The certificate will remain with the samples awaiting analysis.

SECTION 2 – LABORATORY EQUIPMENT AND FACILITIES

2.0 EQUIPMENT AND FACILITIES

In order to conduct analysis of air samples for counting respirable fibres, safely and effectively, various equipment and facilities will be available. The specification of equipment and reagents will meet the requirements and guidance of HSG 248 'Asbestos – the analysts' guide for sampling, analysis and clearance procedures' and is as described in the proceeding sections. Equipment will be serviced and calibrated, where applicable as described below.

2.1 LABORATORY REQUIREMENTS

The laboratories have been designed for easy movement between areas used for sample preparation and analysis. Its considerable floor space has allowed for ample workspace and storage, levels of lighting are adjustable with no direct sunlight entering the facility.

The laboratories will be air-tested as per Section 15.3 in the Quality Manual.

2.2 LABORATORY EQUIPMENT

The laboratory will hold all equipment deemed necessary to prepare and analyse air samples in accordance with HSG248.

2.2.1 PHASE CONTRAST MICROSCOPE

To maintain a uniform level of quantification at the limit of visibility the microscope and accessories will comply with the following specifications.

A binocular stand with Köhler, or Köhler type illumination including a field iris
A sub-stage assembly, incorporating an Abbe or an achromatic phase contrast, condenser in a centrable focusing mount with phase annulus centring independent of the condenser centring mechanism

- A built-in mechanical stage with slide clamps and x-y displacement
- A low powered phase contrast objective (x10 or x4)
- A positive phase contrast objective of magnification x40
- An optically matched pair of binocular eyepieces providing total magnification of at least x500
- A Walton-Beckett eyepiece graticule type G22 with an apparent diameter in the object plane of 100± 2µm
- Accessories including, phase telescope, green filter, stage micrometer, and HSE mark II or mark III test slide.

Phase contrast microscopes will be serviced annually.

2.2.1.1 PHASE CONTRAST TEST SLIDE

In order to check that the microscope is set up correctly for fibre counting a Band 5 Certificated Phase Contrast test slide must be used. The test slide is placed on the XY stage of the microscope prior to commencement of each session of fibre counting and repeated if the microscope is left unattended (to check for tampering). If the microscope is set up correctly the analyst must be able to see the whole of band 5 and some of band 6. If this is not possible realigning and cleaning of the microscope may be required. Fibre counting must not commence until a satisfactory phase contrast test has been conducted.

It is known that test slides deteriorate over time, making the bands progressively less visible. To control the quality of test slides the laboratory shall check the relative resolutions of each test slide, using a single correctly set up microscope. Any underperforming or damaged test slides must be withdrawn and replaced.

The relative checks on test slides must be carried out either annually or sooner if the performance of any test slide appears abnormal. These checks must be recorded on the individual equipment records.

SECTION 2 – LABORATORY EQUIPMENT AND FACILITIES

2.2.2 STAGE MICROMETER

In order to set up the phase contrast microscope for fibre counting a calibrated stage micrometer of 2 µm divisions is required. The laboratory will hold a master stage micrometer (which will be calibrated by an external UKAS accredited calibration laboratory every five years), and working stage micrometers which will be calibrated against the master annually. The method of calibration is as follows :

All Walton Beckett graticules (WBG) are screened on purchase and must be 98 to 102 microns in diameter or they are rejected. The master micrometer is placed on the stage of a microscope and optimised so that the number of divisions of the micrometer equivalent to the diameter of the WBG is exactly 100µm. The working micrometer is then placed on the stage and optimised. The number of divisions equivalent to the diameter of the WBG is counted and thus the length of the micrometer scale is calculated. Each working micrometer should be counted three times to obtain a mean result and recorded on the stage micrometer calibration sheet CAL005 .When the working micrometer is in place the diameter of the WBG must be 100 ±2mm otherwise the micrometer is discarded.

2.2.3 ROTAMETER

The laboratory will hold a master flowmeter (rotameter) that will be calibrated by an external UKAS accredited calibration laboratory annually. This rotameter will only be used for calibration of working rotameters.

Prior to using the Master flowmeter, a graph of Indicated flow plotted against Calibrated flow will have to be produced. This data will be obtained from the UKAS calibration certificate, the best straight line should then be drawn to the closest points to the plots. This graph must be referred to when calibrating and the working flowmeter.

Procedure for calibration of working flowmeters

1 Set up a sampling pump and sampling head with membrane filter in a clean, dry environment at a normal room temperature . The sampling head must be attached to the sampling pump with a length of flexible tubing (*Portex* or similar). The sampling pump which is chosen for calibration purposes must be fully charged and give a smooth non-pulsating flow; if necessary an in-line expansion chamber my be used to counter any variations in flow at any given flowrate. The sampling pump should be allowed to run for a minimum of 15 minutes prior to use (warm up period)

2 The calibration must be carried out at 5 evenly spaced points on the rotameter scale.
Points 1 and 5 must be at the highest and lowest graduations on the working flowmeter scale. Point 3 must be at the nearest numbered graduation to the halfway point between point 1 and 5. Point 2 must be at the nearest numbered graduation to the halfway point between point 1 and 3. Point 4 must be at the nearest numbered graduation to the halfway point between point 3 and 5.

SECTION 2 – LABORATORY EQUIPMENT AND FACILITIES

3 To calibrate the working rotameter first set the flowrate of the sampling pump as close as possible to point 1 on the working flowmeter – in any case this should be within 0.1 litres per minute. This is recorded as the *indicated flow*.

4 Without adjusting the flow rate, measure the flow of the pump against the calibrated master flowmeter.

5 Repeat steps 3 and 4 three times for each calibration point and taking the average.

6 Occasional adjustment of the flowrate of the pump when using the working rotameter may be required occasionally. If this is required more than twice during the calibration of any given flowmeter then the pump must be withdrawn and a more reliable one sought.

7 The *actual flow* is obtained by taking the indicated flowrate of the master flowmeter and reading the calibrated flow rate from the calibration graph.

8 No flowrate may be extrapolated beyond the graduated scales of any rotameter.

The following information must be recorded and added to the calibration label which must be attached to each working rotameter.

1 The temperature (in degrees Kelvin) and pressure (in millibars) during calibration of master rotameter must be recorded. This may be obtained from the UKAS calibration certificate.

2 The indicated and calibrated flow for each of the numbered scale points of the working rotameter.

3 The date of calibration and the calibration interval of the individual rotameter.

4 The date of first use of working rotameter following calibration and the initials of the first user. The opening of the top of the rotameter will be covered by a seal)which is to be removed and destroyed by the analyst on first use

5 The expiry date, this is written on the label by the first user – usually one month after first use of the working flowmeter, unless stated otherwise on the calibration label.

Extended calibration intervals

Calibration intervals may be extended, at the discretion of the Quality Manager, if it can be demonstrated that there is no significant drift in calibration over a period of time of at least 12 months. Full written justification each flowmeter will be required prior to extending any calibration interval.

Rotameters should be checked prior to use to ensure they are in calibration and fit for purpose, if a rotameter is found to be out of calibration or the seal has been removed without the expiry date added in, it should not be used and it's status reported to the person responsible for calibrations.

Note; rotameters should be divided into low and high flow types. Rotameters capable of measuring flowrates up to 8 or 16 lm^{-1} will not be suitable for flow rates below 4 lm^{-1}.

SECTION 2 – LABORATORY EQUIPMENT AND FACILITIES

Format of Calibration label: flowrates will vary according to the usable scale of the flowmeter.

Rotameter number:	
Calibration date:	
Calibration period month(s)	
Date of first use	
First users initials	
Expiry date	
Indicated flow lm^{-1}	Calibrated flow lm^{-1}
16.0	
12.0	
10.0	
8.0	
6.0	
4.0	

2.2.4 THERMOMETER

Corrections are required to be made to the flow rate for temperature and pressure under circumstances where differences in ambient pressure and/or temperature between the calibration and sampling sites are greater than 5%.

All working temperature sensors will be tested every 6 months by checking the readings given by the temperature sensors with Certificate Calibration Test Caps. To test, the cap is plugged into the top of each thermometer. The thermometer display should show the same temperature. Uncertainty is guaranteed to + 0.1^{0c}. Manestream use 0^{0c} and 100^{0c} caps to ensure a complete temperature range is covered. The measurements will be recorded on the thermometer calibration sheet CAL003.

Once calibrated each sensor will be labelled with its "calibration status." This will state not only the date of most recent calibration, but also the date that the next calibration is due. In addition the person undertaking the calibration must initial the label. Thermometers should be checked prior to use to ensure they are in calibration and fit for purpose, if a thermometer is found to be out of calibration it should not be used and it's status reported to the Quality Manager.

2.2.5 BAROMETER

Working barometers will be calibrated monthly against the local Meteorological Office, readings will be recorded on CAL002. Readings will be deemed acceptable if they are $\pm$ 5millibars from the Meteorological Office data, three readings will be taken each time.

Calibrations will be conducted every 6 months. Once calibrated each barometer will be labelled with its "calibration status." This will state not only the date of most recent calibration, but also the date that the next calibration is due. In addition the person undertaking the calibration must initial the label. Barometers should be checked prior to use to ensure they are in calibration and fit for purpose, if a barometer is found to be out of calibration it should not be used and it's status reported to the Quality Manager.

SECTION 2 – LABORATORY EQUIPMENT AND FACILITIES

2.2.6 TIMEPIECES

Timepieces will be calibrated every 6 months against the speaking clock. The time as given by the speaking clock will be recorded with the time simultaneously given by the timepiece. An interval of approximately two hours will be allowed to pass and the times given by the speaking clock and item under test will again be recorded on Timepiece Calibration Sheet CAL001.
The timed intervals recorded by the timepiece under test must agree with the calibration standard (ie the speaking clock), to within ±2%.
Once calibrated each timepiece will be labelled with its "calibration status." This will state not only the date of most recent calibration, but also the date that the next calibration is due. In addition the person undertaking the calibration must initial the label.

2.2.7 PUMPS

The Laboratory will stock both low and high flow pumps. The pump should be capable of giving a smooth flow, having a flow set to within ± 10% for flow rates ≤2litres/min and within ± 5% for flow rates ≥2litres/min and maintaining this flow rate during the sampling period. Low flow pumps will generally be used for personal air monitoring, static sampling pumps will have the facility to enable the sampling head to be positioned between 1-2m above ground level. The flow of each pump will be measured before and after sampling using a working rotameter.

2.2.8 FILTER HOLDER (COWL)

The laboratory will stock open-faced filter holders fitted with an electrically conducting cylindrical cowl, exposing a circular area of filter at least 20mm in diameter, O-rings will be made of PTFE or similar material. The effective filter area will need to be calculated. The following method is used:

Ten normally used cowls will be loaded with membrane filters, attached in turn to a sampling pump and exposed to particulates in air until a stain of the exposed area is apparent. Filters will be cleared using normal mounting techniques and the exposed diameter measured on the horizontal and vertical axis using a vernier calliper. Three measurements will be taken, firstly on an E-W orientation and secondly N-S, a mean will then be calculated. All measurements and calculations will be recorded on Filter Head Measurement Sheet CAL007. The diameter will be determined every six months or before if different filter heads are purchased.

2.2.9 TALLY COUNTERS

Working tally counters will be checked each time they are used by depressing two counters simultaneously whilst counting to 20. Both counters should read 20 otherwise these are withdrawn from use and returned to the laboratory for investigation.

2.2.10 COVERSLIPS, SLIDES and MEMBRANE FILTERS

Microscope slides used by the laboratory will be approximately 76mm x 25mm and 0.8-1.0mm thick. The coverslips will be about 25mm x 25mm and 0.16-0.19mm thick. Membrane filters will be of mixed esters of cellulose or cellulose nitrate with pore size between 0.8 and 1.2 µm. The filter will be approximately 25mm in diameter with a printed grid.

Blank Filter Checks

Membrane filters will be quality controlled by mounting and counting 1 filter per 25 supplied. The box will be rejected if >3 fibres/100 fields are counted and returned to the Quality Manager for action. Results are recorded on the New Filter Blank Record Sheet (FIB007). Blank filter checks will be performed in the base laboratory. Each box will be numbered /dated & labelled by the person undertaking the check. Individual boxes can then be cross-checked for conformity.

SECTION 2 – LABORATORY EQUIPMENT AND FACILITIES

Field Blanks

Filters will be taken from satisfactory batches to the sampling area and subjected to the same treatment as filters used for sampling (the cap is removed and replaced after a few seconds) The filters in capped, cowled heads are taken to the sampling area without having air drawn through them .
At least on field or one laboratory blank will be prepared for each batch of samples, if necessary this can be analysed to check whether the source of any fibre contamination was due to filter preparation. If low counts are obtained for some of the field samples it will not be necessary to analyse the blanks. If elevated counts are obtained for all the field samples, the blanks will need to be analysed to discount the possibility of contamination.

Laboratory Blanks

Following identification of an unsatisfactory field blank result, a clean filter from the same batch used to obtain the field blank will be mounted and counted to check for laboratory contamination. If laboratory contamination is suspected, then analysis of all subsequent samples will be undertaken away form the currently occupied laboratory environment to identify the source of the contamination.

2.2.11 REAGENTS

The laboratory will hold the reagents required to enable the filter clearing method described in HSG248. Stocks of glycerol triacetate (triacetin) and acetone will be kept to a minimum and stored in a flameproof cabinet.
All triacetin and acetone received at the base laboratory will be checked for any contamination. Each bottle will be prefixed with a batch number and bottle number. This will ensure correct rotation and will be recorded on the Chemical Contamination sheet (CAL008) held in the Quality Control files. Any chemical found to be contaminated will be withdrawn and marked “Do Not Use” and either returned to manufacturer or disposed of by the Quality Manager / Technical Director.

SECTION 3 – AIR SAMPLING PROCEDURES

3.0 AIR SAMPLING

Prior to arriving on site to undertake an air test the analyst will ensure they understand the type of test they are to conduct and ensure they have all associated equipment and documentation required, including a risk assessment. The analyst will review the risk assessment provided and record any additional hazards identified which have not been included on SUR/SD005, this will be recorded in the allocated box on the last page. The document then becomes site specific and the site details should be completed on the risk assessment accordingly. It should be noted that analysts are not specifically trained for conducting risk assessments and thus should only record their observations and avoid such areas. On identification of hazards which cannot be avoided the analyst must contact the office for further instruction.

3.1 GENERAL

Air sampling involves drawing a known flow rate of air through a filter for a measured time so that Airborne particles are collected. The filter is then prepared for microscopic examination. A known fraction of the filtered deposit is examined using phase contrast microscopy to count the fibres seen in a known number of graticule areas. The calculated total number of fibres collected on the filter is divided by the volume of air sampled to determine the fibre concentration in terms of fibre per millilitre of air.
CAR 2006 requires that all air sampling measurements used to check compliance with an action level or control limit are obtained by an HSC approved method, currently this is as described in HSG 248 Appendix 1.

3.2 SAMPLING METHOD

The following describes the general sampling method to be used, variations on flow rates etc will be adopted depending on the type of test undertaken, further guidance for the different types of air test is provided in Sections 3.3-3.8 & HSG 248.

Samples shall be taken by drawing a known volume of air through a membrane filter using a battery operated pump. The flow rate of the pump shall be maintained to within $\pm$ 10% (but preferably $\pm$ 5%) of the initial rate during the sampling period and the time shall be measured to within 2.5%. An open-faced filter holder (cowl) will be used to protect the filter, in use the cowl shall point downwards.

Filters shall be loaded into holders, unloaded and analysed in an area free from asbestos contamination. During transport through contaminated areas the entrance to a loaded holder and cowl will be sealed. The pump will be attached to the loaded filter holder and placed in the sampling location, time and flow rate will be recorded (temperature and pressure readings will be taken) NB when sampling is being undertaken in an enclosure temperature and pressure readings will be taken outside the enclosure to avoid contamination of the equipment. If differences in ambient temperature and/or pressure between the calibration and sampling sites are greater than 5% a correction should be made to the flow rate, refer to HSG248 for further guidance

At the end of the sampling period the time and flow rate will be recorded, the filter holder will be capped and the filter transported to the area in which it will be analysed. If the pump is in an enclosure the rotameter will be taken to the middle stage of the airlock by the analyst on their entry to the enclosure. Without switching off the pump it's flow will be checked at the middle stage prior to it leaving the enclosure.

3.3 BACKGROUND SAMPLING

Background sampling is undertaken to establish fibre levels prior to any activity which may lead to airborne asbestos contamination. The distribution of measurement points should cover likely sources of fibre and likely areas of frequent human occupation.
To achieve the quantification limit (0.01f/ml) each measurement must result from a total of at least 480 litres in volume. Fewer measurements may be taken during background sampling than for sampling for certificate of re-occupation. At the sampling location the filter head will be placed 1-2m above ground level.

SECTION 3 – AIR SAMPLING PROCEDURES

3.4 REASSURANCE SAMPLING

This is monitoring which may be conducted in certain circumstances (such as when an enclosure has been removed) to confirm that the residual asbestos fibre concentrations are <0.01f/ml. The distribution of measurement points should cover likely sources of fibre and likely areas of frequent human occupation. Fewer measurements may be taken during reassurance sampling than for sampling for certificate of re-occupation.
As with background sampling the filter head should be 1-2m above ground level.

3.5 LEAK TESTING

Measurement of the airborne fibre concentration outside an enclosure during asbestos removal works is used to determine whether the integrity of the enclosure is being maintained. Leak testing is used to support the initial smoke test and the frequent thorough visual inspections of an enclosure.

Various sampling locations should be considered and focus on areas in which there is the likelihood of fibre escape. For example, near enclosure openings, ie the bag-lock where double-bagged asbestos leaves the enclosure, the 3-stage airlock where operatives enter and exit the work area. Areas where difficulties were experienced sealing the enclosure (around pipe-runs for example) and near the exhausts of the air extraction system (NPU's)

For this type of testing the analyst may wish to sample at higher flow rates and/or pool samples so that shorter sampling times can be used, this will allow for any fibre emissions to be detected, and actioned, sooner. If less than 480litres of air are sampled the limit of quantification will need to be proportionally increased for reporting results (see Section 4.6)

Quantification of fibre levels above background should be investigated, elevated levels around the airlock may suggest insufficient weighting of flaps or poor primary decontamination measures, elevated levels around the NPU's may be indicative of a damaged HEPA filter within the unit, poor sealing at the enclosure interface etc.

3.6 PERSONAL SAMPLING

Compliance Sampling

Personal sampling may be undertaken in the form of 'compliance sampling' where the approved method described in HSG248 Appendix 1 is utilised to assess whether or not the personal exposures of workers are in compliance with the 4hr control limit and the Short Term Exposure Limit (STEL) as defined by CAR 2006. This method must be strictly followed when sampling to check against the 4hr control limit. However, sampling flexibility is allowed when sampling to check compliance with the STEL, where flowrates of between 1 and 16 litres per minute may be used in order to obtain a sample of optimum fibre density (i.e. between 100 to 650 fibres per mm^2).

Assessment of Respiratory Protection

It may also be used to assess the suitability of respirator protection. This monitoring is conducted inside enclosures while asbestos removal is in progress and is conducted to assess the effectiveness of dust suppression measures and suitability of RPE.

In both cases the filter holder should point downwards and be fixed to the upper lapel or shoulder of the workers clothing as close to the mouth and nose as practicable and preferably within 200mm. Consideration should be given to localised concentrations, and in such cases the sampling head should be positioned on the side expected to give the higher reading. The sampling head should be placed away from the clean air exhaust of a respirator.

Analysts should refer to HSG 248 for guidance on sampling period, flowrate and volumes.

SECTION 3 – AIR SAMPLING PROCEDURES

3.7 SAMPLING FOR SITE RE-OCCUPATION CERTIFICATION (CLEARANCE INDICATOR)

Sampling for certification of reoccupation should take place only when the enclosure is dry and a visual inspection has confirmed that it is free from dust and debris. Sample locations should be distributed throughout the enclosure, with sample heads 1-2m above the floor pointing downwards. In tall enclosures (ie a riser or lift shaft) samplers should be placed at representative exposure heights.

No. of Samples

At least 2 measurements will be taken inside an enclosure unless the volume of the enclosure is <10m^3 where one measurement will suffice. The number of samples to be taken in an enclosure for this type of sampling will be determined by the following:

Estimate the size of the floor area by pacing out the size or using a tape measure. Estimate the height either visually or with a tape measure. Large items of plant and equipment may be subtracted from the total volume although the result of the justifying calculation should be shown on the air-testing sheet. The number of samples to be taken should be at least the integer next below ($A^{1/3}$-1) where A is determined as:

- If the enclosure is less than or equal to 3m in height, or in enclosures which are higher than 3m but where exposure is likely to be at ground level only, A is the area of the enclosure in square metres.
- In other cases, A is one third of the enclosure volume in cubic metres.

This is a theoretical figure and the analyst may decide that further samples are required, for example in an area sub-divided into rooms. The table below gives examples of the number of samples required:

Enclosure Size		No. of Measurements
Area (m2)	Volume (m3)	
N/A	<10	1
<50	150	2
100	300	3
200	600	4
500	1500	6
1000	3000	9
5000	15000	16
10000	30000	20

Each measurement should be based on a sample volume of at least 480litres. A measurement can be achieved by pooling two or more simultaneous or consecutive samples having a total of at least 480litres. Samples pooled in this way are taken within 1m of each other and are regarded as a single measurement.

Disturbance

For certification of reoccupation air sampling must be accompanied by disturbance activities. The dust raising and disturbance will be performed by brushing or sweeping the surfaces using a washable or disposable brush within the enclosure and making sure that any settled dust is made airborne during sampling. Brushing should take place on all surfaces from which asbestos has been removed, surfaces where dust may have settled, where there is suspicion of dust contamination and in the vicinity of the sampling equipment.

This should be consistent with normal work of the area and should be performed for a time period commensurate with the size of the enclosure. Disturbance should take place for a duration of at least 1.5 minutes for each measurement point near the start of each full hour of air monitoring. For larger enclosures the disturbance is likely to be undertaken by more than one analyst and thus the total time is unlikely to exceed 10-15 minutes.

SECTION 3 – AIR SAMPLING PROCEDURES

On completion the brush will be treated as contaminated waste and decontaminated or disposed of as appropriate. Air moving equipment i.e. negative pressure extractor units must be switched off and capped before certification of reoccupation testing.

3.8 SITE ASSESSMENT FOR REOCCUPATION

The following provides guidance on the procedures to be adopted when undertaking an assessment for reoccupation following the removal of asbestos. The premises will be assessed to determine whether they are thoroughly clean and fit for reoccupation.

The analyst and the contractor need to co-operate and support each other during this process. Each also needs to understand the respective roles and responsibilities. It is the responsibility of the contractor to thoroughly and diligently clean up the work area. The analyst's role is to provide independent verification that the area is clean and suitable for subsequent use. It is not the analyst's role to oversee the final clean of the area. It is the analyst's role during clearance certification to direct the contractor to those matters which require attention to ensure successful completion of the process. The analyst should allow sufficient time for clearance certification to be performed.

There are four stages to the site certification for reoccupation procedure:

Stage 1: Preliminary check of site condition and job completeness;
Stage 2: A thorough visual inspection inside the enclosure/work area;
Stage 3: Air monitoring;
Stage 4: Final assessment post-enclosure/work area dismantling.

3.8.1 STAGE 1: PRELIMINARY CHECK OF SITE CONDITIONS AND JOB COMPLETENESS

Method Statement

Initially the analyst needs to establish with the contractor the scope of the work that has been carried out. This is achieved by examining the removal contractors plan of work. It should be clear from the plan of work/method statement:

- Where the asbestos to be removed is;
- If any asbestos materials are to remain in situ; and
- What the asbestos materials removed were.

If there is no plan of work on site or if the contractor refuses to make it available, the inspection should either stop until such time as a plan of work is made available or a `failed` certificate of reoccupation issued with the reason for the failure noted. The work method should be in accordance with the job details notified on the method statement.

Diagram

A diagram or photo must be appended to the site certificate for reoccupation so that the scope of the work is clear. A copy of the diagram from the contractor's plan of work would meet this requirement. If there is no diagram on site, the analyst should prepare a diagram. The diagram should contain four main features.

- The enclosure (or work area), including airlock and baglocks
- Transit and waste routes
- Skip
- Hygiene facilities.

It should provide details of size and dimensions. The analyst and contractor should agree the content of the diagram and both should sign and date it. The analyst should ensure that the waste and transit routes actually used on site are as described in the plan of work, signs for these routes should also be posted.

SECTION 3 – AIR SAMPLING PROCEDURES

Preliminary Inspections

Decontamination unit

When the scope of the work has been understood, verified and any deviations recorded the analyst should ensure that the hygiene facilities are still intact, operational and clean. The clean end of the unit should be checked for cleanliness, hot and clod water heating. The shower area and dirty end should be inspected either by external viewing (from the clean end in the case of the former) or by entering wearing the appropriate RPE and PPE. These areas should be clean and free from stored items and the negative pressure unit should be operating.

Adjacent Areas

The analyst should then check the surrounding areas to the enclosure including the transit and waste routes, and the areas immediately adjacent to the enclosure. The purpose of this inspection is to check for obvious signs of contamination arising from the work; either through leaks in the enclosure burst waste bags or debris from inadequate decontamination procedures. This inspection does not require the detailed visual examination which is necessary inside the enclosure or work area.

Conditions should allow the identification of obvious asbestos debris along transit and waste routes. Under normal circumstances, rain or damp ground should not prevent a stage 1 inspection as the analyst is looking for visible debris, not fine settled dust.
An inspection at night would not be a problem if the routes were well-lit. If, however, the analyst felt that conditions did not allow reasonable inspection, e.g. insufficient light, then it should be delayed until the conditions are suitable, e.g. the following day. In the very rare occurrences where a delay is likely to be significant, e.g. several days (e.g. due to snow covering), then the analyst should record the situation in the certificate of reoccupation and continue with the remaining clearance stages. The certificate of reoccupation should be issued as appropriate.

If transit and waste routes are strewn with debris that could be mistaken for asbestos, or such that it is difficult to inspect for debris, the analyst should request that the routes be cleared to allow for adequate inspection.

The inspection is for obvious asbestos contamination and debris, not any other kind of debris.

Enclosure

The integrity of the enclosure should also be checked. If any asbestos debris is found in the surrounding areas it should be cleared up immediately by the contractor. Any breach in the integrity of the enclosure should be repaired before stage 2 is started. The pre-filters on the air extraction equipment should be replaced with new ones before the final clean by the contractors. The analyst should make sure that the air extraction equipment is in situ and in operation. Air extraction equipment should be switched off just before starting the stage 3 air clearance monitoring and should not be removed until the third stage of the site certification procedure has been completed, before the enclosure can be dismantled. The pre-filters on the air extraction equipment should be replaced with new ones before the final clean by the contractors.

The analyst should examine the enclosure through the viewing panels before entering in order to gain an initial impression of the job completeness. Items to look out for include:

- Waste remaining in the enclosure;
- Visible debris on the surface;
- Inadequate lighting to conduct a visual inspection;
- Essential equipment such as ladders or scaffolding are still present so it is possible to inspect all areas;
- Puddles of water, wet patches and leaking pipes;
- Evidence that sealant has been applied to exposed surface;

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Potential hazards inside the enclosure.

If any of these items need to be actioned, they should be dealt with before the enclosure is entered. The analyst should direct the contractor to the matters needing to be rectified. The analyst should also discuss with the contractor if any of the items were identified in the plan of work as needing special attention (e.g. ingress of water). The analyst must make a formal record of the scenarios encountered and the discussions and actions that took place to rectify them. If viewing panels are either absent (e.g. have not been possible or have not been provided) or are insufficient (i.e. do not allow views of all of the work area), a note of this should be made in the analyst's site record and the above items considered when entering the enclosure in stage 2.

There is no point entering the enclosure until these problems have been rectified.

Findings at stage 1 should be recorded on the certificate of reoccupation and verified with the contractor before moving on to the second stage. There should be confirmation that the plan of work has been inspected and that the air extraction equipment, hygiene facilities and work areas are intact and operating. This stage should also contain a record of findings of the inspection of the skip/waste route, the transit route, hygiene facilities and the outside of the enclosure. A note should be made of any remaining asbestos that was outside the scope of work.

Only when the analyst is satisfied with the stage 1 inspection, should he/she enter the enclosure to carry out the stage 2 inspection. The analyst should generally be entering an area that is free of all asbestos and should not normally be expected to have to undergo full decontamination on exiting the enclosure. However, if the site is found to have extensive debris and surface contamination remaining, it is important that the analyst terminates the stage 2 visual inspection and leaves the enclosure before any significant disturbance or clean-up takes place. Failure to do this will mean the analyst could be contaminated by the contractors` activity and will need to follow full decontamination procedures on leaving the enclosure.

Multi-job Sites

Where there are several jobs ongoing at the same site, using, for example, the same waste skip, it will not be possible for a stage 1 inspection to be carried out in that area, as it is still being used, in this case the stage 1 certificate should state why that area has not been inspected and clearly identify the area that has been inspected. This principle would apply wherever there are common areas still in use on another job. The important thing is to be transparent; record the issue/problem and the steps taken by you to accommodate the situation on the certificate of reoccupation.

3.8.2 STAGE 2: THOROUGH VISUAL INPSECTION

Inspection Procedure
This is the stage at which the thorough visual inspection of the enclosure or work area takes place. It is the most significant part of the clearance procedure. The analyst must check:

- The completeness of the removal of the ACMs from the underlying surfaces;
- For the presence of any visible asbestos debris left inside the enclosure and airlock or work area;
- For the presence of fine settled dust.

The removal process will have given rise to the spread of asbestos dust inside the enclosure. Residual dust may still remain on any unprotected or inadequately cleaned surfaces. Such dust presents an ongoing risk to building occupants. Therefore a thorough visual examination of all surfaces should be performed. It should involve a close and detailed inspection across all parts of the enclosure kneeling down or using ladders where appropriate. All items should be checked. The inspection can be assisted by using a torch and by running a fingertip across the surface to check for presence of fine dust. Awkward or difficult locations must not be excluded. Baglocks and airlocks should be included.

SECTION 3 – AIR SAMPLING PROCEDURES

The analyst should be accompanied during the thorough visual inspection by a representative of the contractor, who can rectify any minor problems found, such as:

- Holes in the enclosure not visible from the outside;
- Small amounts of dust or debris found during the course of the inspection.

The analyst will have to make judgements on the extent and significance of dust and debris found during the inspection: whether it is minor and can be cleaned up during the course of the inspection, or whether it is more substantial and is indicative that the final clean has not been undertaken thoroughly enough. While all surfaces must be checked, particular attention must be paid to areas where asbestos materials were fixed or penetrated other materials. It may be necessary to drill-out screw holes, remove contaminated battening etc. It is important to remember that it is only duty of the contractor to undertake the final clean and carry out a thorough visual inspection before requesting a four-stage site certification for reoccupation. If it is clear that this has not been done, the analyst should withdraw and fail the enclosure, citing what needs to be done before another inspection is undertaken, the risk that the analyst undertaking an inspection will miss some contamination is increased if he/she has to stop and get cleaning done every few minutes. They should withdraw and let the contractors clean and re-inspect before starting a new visual inspection.

Equipment for Inspection

Equipment that should be taken into an enclosure by the analyst to aid inspection should typically be:

- A torch – the torch beam when shone along a surface at a shallow angle is useful in identifying fine settled dust on surface; it can also augment the lighting in the enclosure;
- A screwdriver – this is useful for poking behind pipes and into services to help inspect these difficult-to-see areas;
- A mirror – this can be useful in inspecting difficult-to-see areas.

Equipment that must remain in the enclosure to help inspection includes:

- Stepladders/scaffolding – depending on the height of the enclosure one of other will be needed to allow safe access and to inspect the ledged, pipe work etc above head height;
- Lighting – a thorough inspection needs lighting; a torch alone is not enough. The torch should be used to supplement the background lighting, not replace it;
- Vacuum cleaner and other materials – this will allow the contractor to clean any minor amounts of debris identified by the analyst immediately; a vacuum cleaner must also be available for preliminary decontamination on leaving the enclosure;
- Buckets of water and sponges and brushes or wipes in the airlock to aid preliminary decontamination, following the visual inspection.

Duration of Inspection

The analyst must ensure that sufficient time is available for the visual inspection. A detailed visual inspection can be time consuming, and the length of time needed will depend on the size and complexity of the job. A thorough visual search of all areas of the enclosure is required to be confident that an area is clean and free from asbestos debris and fine settled dust. A single panel removed from behind a domestic boiler within a $2m^2$ enclosure with smooth surface and nothing else within the enclosure is unlikely to take more than 10- minutes. A small boiler house should not take less than about 1.5 hours if inspected thoroughly. A large plant room, chemical plant or power station may take several days and may be undertaken by more than one analyst. During a large clearance, analysts should leave the enclosure, decontaminate and take a break every 2-3 hours. The time spent carrying out a visual inspection should be recorded.

Visual Inspections – Common Problems

SECTION 3 – AIR SAMPLING PROCEDURES

Wet enclosures - this is a problem commonly cited by analysts when undertaking clearances. The ACOP L28 12 states that an enclosure, where practical, should be clean and dry. However, the enclosure is sometimes wet. There are a variety of reasons for this: there may be a leaking pipe; sealant may have been sprayed in the enclosure; or there may be groundwater seeping through. If groundwater is present there may be little that can be done to render the enclosure completely dry, but it may be necessary for the contract to use a pump to prevent the area flooding.
An enclosure will fail a visual examination if it is wet and the cause is remediable.

Sprayed Sealant - sealants should not be sprayed before a visual inspection or disturbed air test. The only exception to this is where there is sufficient non-asbestos dust (e.g. from concrete) to cause a failure in the air test. The analyst has discretionary powers and, after due consideration and air testing, can allow sealant to be used in these circumstances. The circumstances should be recorded on the certificate of reoccupation and the air test should proceed. If an analyst arrives on site to carry out a visual inspection and the enclosure is still wet due to sealant being sprayed, the analyst must fail the area and inform the contractor that the stage 2 inspection can only be carried out when the sealant has been washed off and the enclosure is dry. If the sealant has already dried the analyst will have to fail the site and consider the way forward. If the sealant is protecting a significant amount of asbestos dust which will cause risk to subsequent occupants, then the sealant will have to be removed and the area re-cleaned. The client should be informed.

Enclosures with loose rubble flooring - The assessment should identify work areas where the flooring is loose rubble, e.g. in an undercroft. In these circumstances the rubble should be removed (to a specified depth) as part of a pre-clean of the site. The loose flooring would then be sealed with an impervious layer, eg metal or hardboard sheeting, before the asbestos work begins. If it was not possible to remove the rubble due to the condition of the remaining ACM or space limitations, then the matter should be addressed in the assessment. The plan of work should identify the procedure to remove the rubble and loose soil after the ACM removal has been carried out. In these circumstances, it would be prudent for the contractor to consult with the analyst before starting the work.

If an analyst arrives on site to carry out the four-stage clearance certification, without prior discussion and agreement of the procedures for clearance, it will be impossible to pass such an area according to the standard required in Stage 2 inspection. The analyst will have to fail the site and liaise with the contractor and/or client to organise the removal of a specified depth of the rubble/loose flooring before the formal inspection begins. The depth of rubble to be removed will depend on the level of contamination. The analyst can then check the remaining flooring for signs of asbestos contamination. If the analyst is satisfied that the contamination has been removed, the flooring can then be sealed and Stage 2 visual can formally start.

Asbestos remaining in enclosures (by design) - There may be occasions when some asbestos is to remain in situ in the enclosure. It may be that only damaged asbestos lagging is being removed from pipe work, and that undamaged material is to remain; or it could be that asbestos cement panel is being left in place. In these circumstances the ACM should be labelled that it is asbestos and that it is to remain. The item can be checked by the analyst against the work plan and recorded on the certificate of reoccupation.

Asbestos waste remaining in enclosure - On occasions, it may be necessary to retain asbestos waste (bagged or wrapped) within the enclosure until Stage 4 of clearance certification starts and the enclosure can be removed. This situation may arise when oversized waste (such as lengths of pipe work or large AIB panels) cannot be removed through the baglock system.
The items should remain in the enclosure and be subject to inspection along with other items to make sure they are free of asbestos debris on the outside of the wrapping. The items will also need to be moved to allow the analyst to inspect the underlying surfaces.

SECTION 3 – AIR SAMPLING PROCEDURES

Inaccessible asbestos - Where asbestos has been spray applied, there are often crevices or holes through walls where pipe work or girders run. These may contain asbestos but are impossible to clean so that all asbestos is removed. In these cases, the analyst may permit the use of non-flammable sealant such as foams or plaster to fill the hole and seal the asbestos within it. However, the analyst should be satisfied that as far as reasonably practicable, the asbestos has been removed before the sealant is applied. The client for the contract (eg building occupier) should be informed that this is the proposed course of action before the encapsulation takes place. It should be in the plan of work. The location of the sealant and remaining asbestos should be noted on the certificate of reoccupation, so that the client can record the presence of the asbestos in the management plan.

If an analyst arrives on site to find that holes around the area where the sprayed asbestos was applied have been plugged with foam or other sealant, the contractor should be instructed to remove the sealant before Stage 2 inspection begins.

Use of encapsulant and sealant - Where asbestos has been sprayed onto porous surfaces (e.g. breeze blocks) or into tar it is almost impossible to remove all the asbestos, sufficient to pass a visual inspection. In these cases the analysts, having satisfied themselves that further removal is not reasonably practicable, should advise the contractor and/or client to seal the residual asbestos with a permanent proprietary sealant. The visual inspection can than begin again once the sealant has been applied and dried. Encapsulation of asbestos

The findings of Stage 2 of the inspection should be recorded on the certificate of reoccupation. There should be confirmation that the airlocks and enclosure are free from visible debris and contamination, that all ACMs have been removed and that the interior surfaces of the enclosure are free from visible debris and settled dust. See Appendix 3. As for Stage 1, if problems are encountered during Stage 2 inspection, the analyst must make a formal record of the scenarios encountered and the discussions and actions that took place to rectify them. The analyst should also make specific comments on the certificate of reoccupation if any asbestos is to remain (see inaccessible asbestos) and clearly identify the locations of these areas with a recommendation that this information should be entered into the management plan/asbestos register.

3.8.3 STAGE 3: CLEARANCE INDICATOR AIR SAMPLING FOR THE CERTIFICATE OF REOCCUPATION

Air sampling takes place once a thorough visual inspection has been carried out and the analyst is satisfied that all the asbestos in the plan of work has been removed, and there is no visible debris or layers of settled dust. Clearance indicator air sampling should be carried out as described in Section 3.7

Dusty enclosures

There may be occasions when the surface in the work area is a source of non-asbestos dust that would generate unreadable filters. The presence of non-asbestos dust would be noted at the thorough visual inspection. The analyst has to be satisfied that the dust is non-asbestos. However, the analyst should proceed with air sampling as normal. If this produces unreadable filters, the analyst should consider sampling for shorter periods with paired samplers, so that the dust loading on each filter is reduced. If the samples fail again because of the dust loading, then the spraying of surfaces with a sealant should be considered. If a sealant is used, the air test should no be carried out until the sealant is dry.

SECTION 3 – AIR SAMPLING PROCEDURES

Leaks in enclosures

Under normal circumstances, the air extraction equipment should be turned off and capped during the air test. The analyst should check that the pre-filter was changed before the final clean. However, if, in the opinion of the analyst, switching the air extraction system off would compromise the integrity of the enclosure, **and** there are people near the enclosure who may be exposed to airborne asbestos fibres above the clearance indicator as a consequence, the analyst can direct the contractors to leave the system switched on during the air test. Any decision to leave the air extraction system switched on should be recorded, with reasons why, on the certificate of reoccupation.

Assessment of air sampling results should be carried out as described in Section 4

3.8.4 STAGE 4: FINAL ASSESSMENT POST-ENCLOSURE/ WORK AREA DISMANTLING

Once the enclosure (or work areas) has passed the visual inspection (Stage 2) and air monitoring clearance (Stage 3), the enclosure can be dismantled. Under normal circumstances the analyst will probably remain on site during dismantling (unless the deconstruction is not to take place for some time). If the analyst is close to the dismantling work, appropriate PPE should be worn as trapped pockets of asbestos could be released during the physical disturbance. Reassurance sampling could be carried out during the dismantling procedure to check for any release of airborne asbestos. After the enclosure has been removed, the analyst should visually inspect the area to ensure it is clean. At this stage the analyst is looking for obvious asbestos debris such as from the sheeting of the enclosure as it was dismantled or from debris which has been missed during cleaning. The analyst should also re-inspect the waste route and transit route for asbestos debris.

Where there is some debris, this can be cleaned by the contractor's employees, wearing appropriate PPE including RPE, immediately using a type H vacuum and wiped with a wet disposable cloth. If the area is too contaminated to allow immediate cleaning without the prospect of spreading contamination, the site should be failed, re-enclosed, re-cleaned, and the visual inspection and disturbed air test repeated.

If there are fuse boxes or switches within the area and the analyst suspects they may be contaminated, a qualified electrician should be made available to isolate the boxes, so they can be inspected.

The analyst should record what has been inspected, what was found and the outcome on the certificate of reoccupation.

Certificate of reoccupation

Once all four stages of the clearance procedure have been completed satisfactorily, the analyst should issue a certificate of reoccupation. Each stage of the certification should have been completed in sequence, to ensure that the information included is as complete as possible. The information should be clear and unambiguous so all parties know the scope and extent of clearance and any particular matters which have been dealt with.

If one of the stages fails, the reasons for the failure should be entered and the remaining stages struck through. A signed acknowledgement of the failure should be obtained from the contractor's site representative (usually the site supervisor).

If the failure occurs at either Stage 1 or 2 of the process, the inspections (both Stage 1 and Stage 2) will need to be repeated. If a new analyst carries out the work, the whole procedure should start again.

SECTION 3 – AIR SAMPLING PROCEDURES

If the site fails at Stage 3 or 4, it is only necessary to repeat these stages until both have passed. The analyst will then need to cross-refer to, and append the certificate where the Stages 1 and 2 were passed. It is very important that the contractor's representative acknowledges the outcome on each certificate issued, whether for a pass or a failure, as this provides evidence of when the outcome was communicated. The certificate will provide documentary evidence of the work undertaken by the analyst and should be retained by the analyst. Copies of each certificate must be issued to the contractor and, as necessary, to the client employing the analyst. This may be done after the analyst has left the site, provided the contractor's representative has acknowledged the outcome. Each certificate should bear a unique number see Section 5.

Inspection certificate for the hygiene facilities

Once the certificate of reoccupation has been issued, the analyst can begin the clearance of the hygiene facility. This should be inspected and air tested. The air test should be accompanied by disturbance of surfaces in the dirty and shower areas. Obviously there is no requirement for a four-stage certification procedure here, as Stages 1 and 4 are carried out as part of the main certification for reoccupation. Only Stages 2 and 3 of the procedure are required.

The hygiene facility should be clean and dry before the inspection takes place and any potentially asbestos-contaminated materials removed (e.g. bags containing used coveralls, used/ discarded respirator filters, transit clothing). It is recommended that the unit is entered through the clean end to check that this area is clean and free of bagged materials, before carrying out a detailed clearance in the shower area and dirty end.

The clearance should be carried out using the same criteria as for enclosures. If the inspection shows that no dust and debris are present, clearance air sampling should be carried out in the shower area and dirty end. For very small units where the combined floor area of the shower and dirty areas is <10 m^2, one air test is sufficient if the door between the shower and dirty areas is propped open and the sample head is positioned in the doorway. Where the combined floor area of the shower and dirty end exceeds 10 m^2, a sample in each of the shower and dirty areas should be taken.

A minimum air volume of 480 litres should be sampled for each sample. During air sampling, the extraction in the hygiene facility should be switched off and capped and surface disturbance should be carried out using a brush for 1.5 minutes for each sample. A separate inspection certificate should be issued for the hygiene facility. The hygiene facility should normally be subjected to the inspection and air sampling before it is moved off-site.

The analyst should review with the contractor whether or not the hygiene facility is to remain on site following the issue of the inspection certificate and a note of this made on the certificate.

The analyst should review with the contractor whether or not the hygiene facility is to remain on site following the issue of the inspection certificate and a note of this made on the certificate.

Where, for security reasons, hygiene facilities are not left overnight, inspection certification is not required until the end of the contract. In these situations, information on where the hygiene facility is to be stored overnight and other arrangements should be included in the plan of work

SECTION 3 – AIR SAMPLING PROCEDURES

3.9 PPE and RPE

3.9.1 RPE SELECTION

It is generally unlikely that the analyst will be exposed to airborne asbestos fibres at concentrations above the control limits unless they enter a 'live' enclosure. However, disturbance during clearance sampling may also give rise to elevated levels.

When selecting RPE there are many factors to be taken into consideration including:

The expected concentrations of fibres in air
The protection factor values of different types of RPE
Its use in conjunction with other PPE
The duration for which it will be worn, during what activities and in what type of environment etc.

In practice analysts are likely to wear only a limited range of RPE, for testing outside an enclosure the use of RPE is at the analysts discretion. For clearance sampling the analyst should use a half-mask as a minimum (full-face powered may be preferred) fitted with a P3 type of filter. The analyst should have a face-fit test certificate for the make and model of RPE that they use. Full face powered respirators must be used if an analyst is required to enter a live enclosure.

3.9.2 RPE INPSECTION

Analysts will be suitably trained in the use, maintenance and inspection of RPE. Before use RPE will be checked by the analyst, with reference to the following:

Condition of the head-harness and facepiece including seal and visor
Condition of the inhalation and exhalation valves
Condition of any threaded connectors and seals
Condition and type of filters and that they are correctly fitted
Battery charge, condition and the flow rate for powered respirators.
A qualitative face-fit will also be undertaken.

In addition monthly checks will be conducted by a competent person for RPE issued to staff.

3.9.3 OTHER PPE

Entry into enclosures for 4-stage clearance carries the potential for asbestos exposure and contamination of clothing. Therefore analysts should not wear domestic clothing under coveralls as coveralls may be torn during visual inspection activities. Analysts should wear overshoes or Wellingtons.
Where full decontamination is likely two pairs of disposable coveralls should be worn. The first pair of overalls can be removed in the air-lock and disposed of as asbestos waste on exiting the enclosure. The second pair can be used to transit to the hygiene facility. For further guidance on decontamination the analyst should refer to HSG248.
Entry into live enclosures must always be followed by full decontamination

SECTION 4 – ANALYTICAL PROCEDURES

4.0 ANALYTICAL PROCEDURES

4.1 PREPARATION OF SAMPLES

The acetone/triacetin mounting method should be used to prepare the sample for fibre counting. Condensing acetone vapour (from a vapouriser) is used to collapse and adhere the filter to a microscope slide. Triacetin is used to provide the interface between the filter and the coverslip. If additional analytical work is required (ie TEM analysis) filters can be cut in half with a scalpel using a rolling action, with the filter carefully held at the edge. Half of the filter can then be mounted and the other half kept for subsequent investigation if necessary.

The filter will be removed from the holder using only good quality flat tipped tweezers and by gripping the filter at the edge. The filter will be placed centrally on a clean microscope slide marked with the unique sample number See Section 5 sample side upwards and preferably with the grid lines parallel to the slide edges. The filter is placed under the outlet orifice of the hot-block and the acetone injected so there is a steady stream of vapour over the filter. The slide is then placed on a hot-plate for a few minutes to evaporate any excess acetone. A drop of triacetin from a dropper bottle will then be applied to the filter and the cover-slip gently lowered at an angle so that any air is expelled. Only enough triacetin to cover the filter should be used.
The sample is now ready for fibre counting using phase contrast microscopy.

4.2 MICROSCOPE SET-UP

Note that this procedure should be followed after each time the microscope is left unattended for any length of time (e.g. overnight), and for each new user. For information regarding nomenclature see ‘References Figure 1’

Place the prepared slide on the microscope stage. Select the 40x objective and set the phase ring to “Ph2” (dark field). Open the field diaphragm fully and focus on the grid lines of the filter then move slightly onto the dust background of the filter and fine focus onto the gridlines. Adjust each eye piece, first the left eye, then the right.

Set the phase ring to “O” (bright field) and close the field diaphragm fully. Select the 10x objective and adjust the focus of the condenser image until the sharpest edges possible are observed. For the Olympus microscope centre the image of the condenser with the allen keys. (Allen keys are inserted into the top of the condenser at three points separated by a 60 degree angle). For the Meiji microscope centre the image of the condenser using the centring screws at the top of the condenser. Open the diaphragm until the image of the condenser just retreats beyond the full field.

Set the phase ring to “Ph2” and replace one of the eyepieces with the phase telescope. Select 40x objective, adjust the focus on the phase rings and adjust the centring if necessary with the centring screws for the Olympus microscope (The screws must be pushed in to locate before they work). For the Meiji use the centrable phase annuli located below the condenser. Align the condenser annular ring until it overlays the phase ring. Make sure the aperture diaphragm is fully open when using phase contrast.

Replace the eyepiece and place the working micrometer on the stage. Focus on the micrometer and note the distance across the Walton Beckett Graticule (WBG). The diameter of the WBG should 100 ± 2mm. If this is not the case note the deviation and report to the Technical Manager before proceeding. Note the result obtained on the Air-testing sheet.

Using 10x objective, and with the microscope condenser set on “Ph2” place the HSE/NPL test slide on the stage. Focus on the slide and settle on the first block of lines. Change to 40x objective and refocus until lines can again be seen. Move to the right counting the number of the block until no more lines can be seen. All of block 5 must be seen before counting can begin for a mark II test slide, all of block 4 must be visible for a mark III test slide. If this cannot be done re-aligned the microscope by repeating the procedure above. In the case of repeated failure report to the Quality Manager.

The microscope is now ready for use.

SECTION 4 – ANALYTICAL PROCEDURES

4.3 SLIDE EVALUATION

The slide with the mounted filter will be placed on the microscope stage. The sample should be examined with a low power objective to check uniformity of the deposit, the filter should be discarded if it is non-uniform or overloaded. Tally counters will be checked to ensure they are working correctly before use by depressing both counters 20 times whilst counting. Both counters should read 20 otherwise withdraw the counter from use and return it to the laboratory for investigation.

The slide will be placed on the stage and initially focussed on the grid lines, it will then be moved from the grid onto the clear background. The area within the WBG is a field. The number of ends of fibres in the field will be counted on one tally counter and number of fields counted will be registered on the other. Fibres outside the field are not counted.

The slide will be evaluated using a stepwise pattern, ie E-W sweep working from progressively from N to S over the slide, counting the number of fields and ends of fibres respectively on separate tally counters. Graticule areas examined must be chosen at random to avoid bias and must represent the whole exposed filter area. Fields lying within 4mm of the filter edge (or within 2mm of the cutting line) should not be counted. The analyst must adjust the fine focus upwards and downwards for each graticule inspected to ensure that all fibres are seen. If more than one-eighth of a graticule area is covered by an agglomerate of fibres and/or other particles, that area must be rejected and another selected for counting.

4.4 FIBRE COUNTING RULES

(1) A countable fibre is defined as any object which is longer than 5µm, with a width less than 3µm and having an aspect (length/width) ratio greater than 3:1, (fibres attached to particles are assessed as if the particle does not exist and are counted if the visible part of the fibre meets the above definition)

A countable fibre with both ends within the graticule area is recorded as one fibre.
A countable fibre with only one end in the graticule are is recorded as half a fibre
A countable fibre passing through the graticule area, and having no ends within that area, is not counted

(2) A split fibre is taken to be one countable fibre if it meets the definition above, otherwise it should be ignored. A split fibre is defined as an agglomerate of fibres which at one or more points along its length appears to be solid and undivided, but at other points appears to divide into separate strands. The width is measured across the undivided part, not across the split part.

(3) Loose agglomerates of fibres are counted individually if they can be distinguished sufficiently to determine that they meet the definition above

(4) fibres in a bundle and tight agglomerates of fibres, where no individual fibres meeting the definition of a countable fibre can be distinguished, are taken to be one countable fibre if the bundle or agglomerate as a whole meets the definition above.

(5) if the width of the fibre varies along its length, a representative average width should be considered.

The number of graticule areas to be counted depends on the sampling situation as follows:

For evaluations relating to personal sampling in connections with compliance or RPE assessment, at least 100 fibres must be counted or 100 graticule areas must be inspected, whichever is reached first; at least 20 graticule areas must be inspected even if these contain more than 100 fibres.
For evaluations to the clearance indicator, background, reassurance and leak sampling, 200 graticule areas must be inspected on samples of the minimum of 480litres volume if the 0.010f/ml quantification limit is to be achieved.

If the collected air volume (V) is more than 480litres the number (n) of graticule areas inspected may be reduced proportionately according to the formula

$$n = \frac{96{,}000}{V}$$

SECTION 4 – ANALYTICAL PROCEDURES

It may not be necessary to inspect n graticule areas if a clear decision can be reached at an earlier stage – HSG248 for details.
Where two or more samples are being pooled to obtain 480litres (or a larger volume) V is the total volume of the pooled samples and n is the same number of graticule areas inspected on each of the pooled filters.

The analyst should only count 2400 fields (graticule areas) in an 8 hour period. Counters are recommended to take 10-20 minute breaks from the microscope every one or two hours to limit fatigue.

If it is imperative that more than this number be counted the excess samples will be counted by another analyst on return to the base laboratory. Both values for the slide will be recorded on an Excess Graticule Count Sheet FIBR008) The number of fields counted per day may be relaxed at the discretion of the Quality Manager only in situations where quality control or RICE slides have to be counted.

4.5 CALCULATION OF RESULTS

The airborne concentration of respirable fibres is given by the following formula:

$$C = \frac{1000\ N\ D^2}{V\ n\ d^2}$$

Where:

N = the number of fibres counted
n = the number of graticule areas examined
D (mm) = the diameter of the exposed filter area
D (µm) = is the diameter of the Walton Beckett graticule
V (litres) = is the volume of air sampled

Where clearance measurement is obtained by pooling two or more samples V is the total volume sampled, N is the total number of fibres, and n is the number of graticule areas examined on each filter (which is the same for each filter and not the total number examined)

4.6 REPORTING RESULTS

The limit of quantification for the method used is set at 0.010f/ml and therefore this value is taken as the 'clearance indicator' threshold. This value is also used in the interpretation of reassurance and background samples.

The value calculated from each sample taken during site clearance testing should be compared with the clearance indicator value. At least 80% of the results should be less than 0.010f/ml and all should be less than 0.015f/ml. Thus in smaller enclosures requiring four or fewer samples all should be less than 0.010f/ml, but in larger enclosures one result in five may lie between 0.010f/ml and 0.015f/ml.

The concentration value must be calculated correct to 3 decimal places to distinguish between 0.009f/ml (which is acceptable) and 0.010f/ml which is unacceptable. The recommended reporting procedure however is as follows:

Calculated Value	Report Result as
Value ≤ 0.010f/ml	<0.010f/ml
0.010 ≤ value ≤ 0.015	Result to 3 decimal places
Value ≥ 0.015 f/ml	Result to 2 decimal places

Where the recommended volume and fields were not taken the limit of quantification is as follows:

$$\text{Limit of quantification (f/ml)} = \frac{96{,}000}{V \times n} \times 0.01$$

SECTION 5 – ANALYTICAL DOCUMENTATION

5.0 ANALYTICAL DOCUMENTATION

Documentation pertaining to airborne fibre sampling and analysis will be completed as described in the following sections. Sample and report numbering will be adopted as follows:

5.1 SAMPLE NUMBERING

Sample numbers will be of the following configuration: analysts initials 0001 onwards
eg: JS0001 onwards

Report numbers will be of the following configuration: analysts initials/year/report no.
eg: JS/06/001

At the start of each year the report number will return to 001. The initials 'BL' will be used for samples analysed at the base laboratory.

Numbers will be allocated consecutively and recorded in the analyst's allocation book (FIB006) This Book will document the report number, sample numbers and test type, sample date, site and client.

5.2 AIRBORNE FIBRE SAMPLING AND ANALYSIS REPORT (FIB001)

The airborne fibre sampling and analysis report consists of three pages. It will be completed for all air tests undertaken by the analyst regardless of test type. It should however be noted that details of clearance testing must be reported autonomously and not reported with any other test types.

Client details, Report No. Test Date, Pump Number, Sample Number and the start and finish times of the air test with the associated flow rate (including any intermediate measurements) In addition the temperature and pressure readings will be recorded.

The second page requires documentation of equipment numbers and 'Comments'. Comments make reference to whether materials are left in situ and what types, what type of air test has been undertaken etc. This page is also used for recording the analysis results. The analyst should refer to Section4.6 for guidance on calculated and reported results. The analyst is required to sign this section of the report.

The top section of page three will only need to be completed when clearance air testing has been undertaken. For any other test type this box should be struck through and not left blank.

5.3 CERTIFICATE OF REOCCUPATION (FIB009)

This report will only be completed when undertaking a four-stage clearance / certificate of re-occupation. The document is clearly split into the four stages and self-explanatory in its completion. Stage 3 of 4 refers to the completion of clearance air monitoring, the associated airborne fibre sampling and analysis report should be referenced in this section.
The certificate of reoccupation should be signed by both the analyst and the contractors representative.

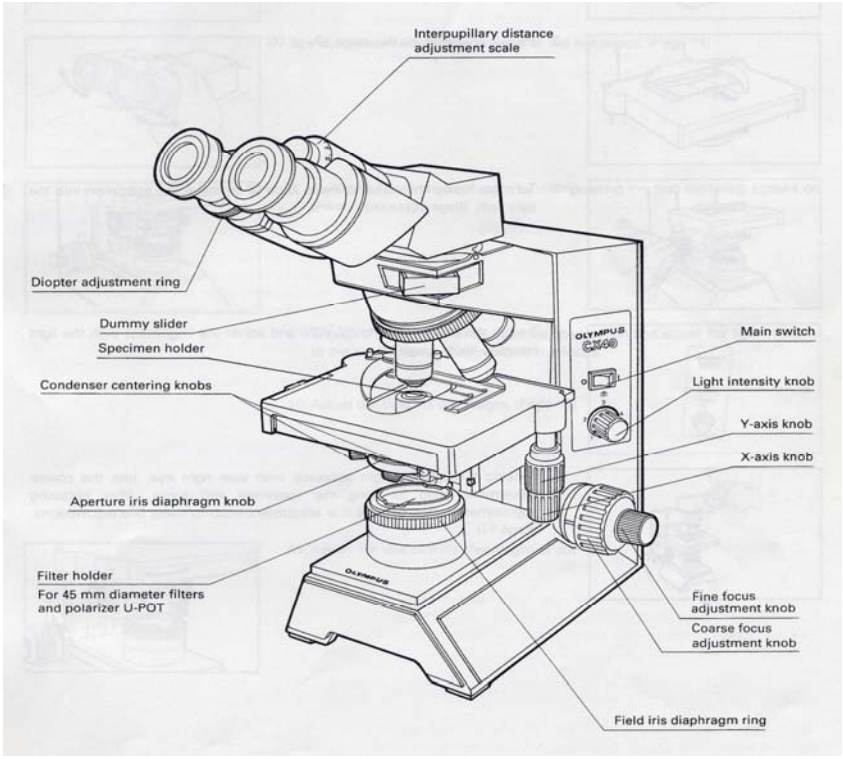
5.4 CLEARANCE TEST REPORT FOR HYGIENE UNIT (FIB010)

This report will only be completed when undertaking a clearance test on a hygiene facility.

5.5 FILING OF REPORTS

All analysis reports, regardless of type, will be completed by hand on a pad printed in triplicate. The white copy will be left on site, the other two copies, yellow and pink will be returned to the office for filing and distribution to the client respectively. The pink copies will be filed in chronological order in a folder set up for each authorised analyst.

REFERENCES – MICROSCOPE NOMENCLATURE



E260/585

ASBESTOS SAMPLING & ANALYSIS REPORT

UKAS TESTING 2329

MANESTREAM LTD

Report No:	SW 62/08	Job No:	M10681
Job Title:	GREENLANDS PFI NEWPORT	Date of test:	17/6/08
Client:	NORWEST HOLST LTd	Shift No: (if appl)	N/A
Client Address:	PARKSIDE LANE, DEWSBURY	Day / Night:	DAY
	LEEDS, LS11 5SX	Time on site:	11:00 AM
		Time off site:	2:10 PM
Site Address:	BANK ST, GLEBELANDS,		
	NEWPORT, NP19 7HF		

Description of works being undertaken (Plan of work) or reasons for air monitoring:

BACKGROUND AIR MONITORING UNDERTAKEN AT CLIENT SPECIFIED LOCATIONS ON SITE PRIOR TO START OF EXCAVATION WORKS.

Additional Comments:

Analysis in base, site, mobile lab:	SITE	Reg. No if mobile lab:	N/A
Microscope No:	MS 17	Rotameter No:	2
S 12 Stage Micrometer No:	SM2	Graticule Diameter:	98 µm
N.P.L Test Slide No:	TS 07	Band Resolution:	5
Timer No:	TP 4	Tally Counter No's:	TC14, TC15
Barometer No:	BR 3	Thermometer No:	TH 2
Exposed Filter Diameter:	22.4 mm	Field Blank Required?	N

Methodology
Sampling and analysis carried out in accordance with: Asbestos: The Analysts' Guide for Sampling, analysing and clearance procedures (HSG 248), and our own documented in-house procedures

Limit of Detection
The limit of detection for a sample volume equal to or greater than 480 litres and 200 graticule areas examined will be expressed as 0.010 respirable fibres / ml of air. For sample volumes below 480 litres, an appropriate limit of detection will apply

White: Office Yellow: Client Pink: Site

FIB001/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH **Company no:** 3352785
Tel: +44(0) 208 8058282 Fax: +44(0) 208 8052470

UKAS TESTING
2329

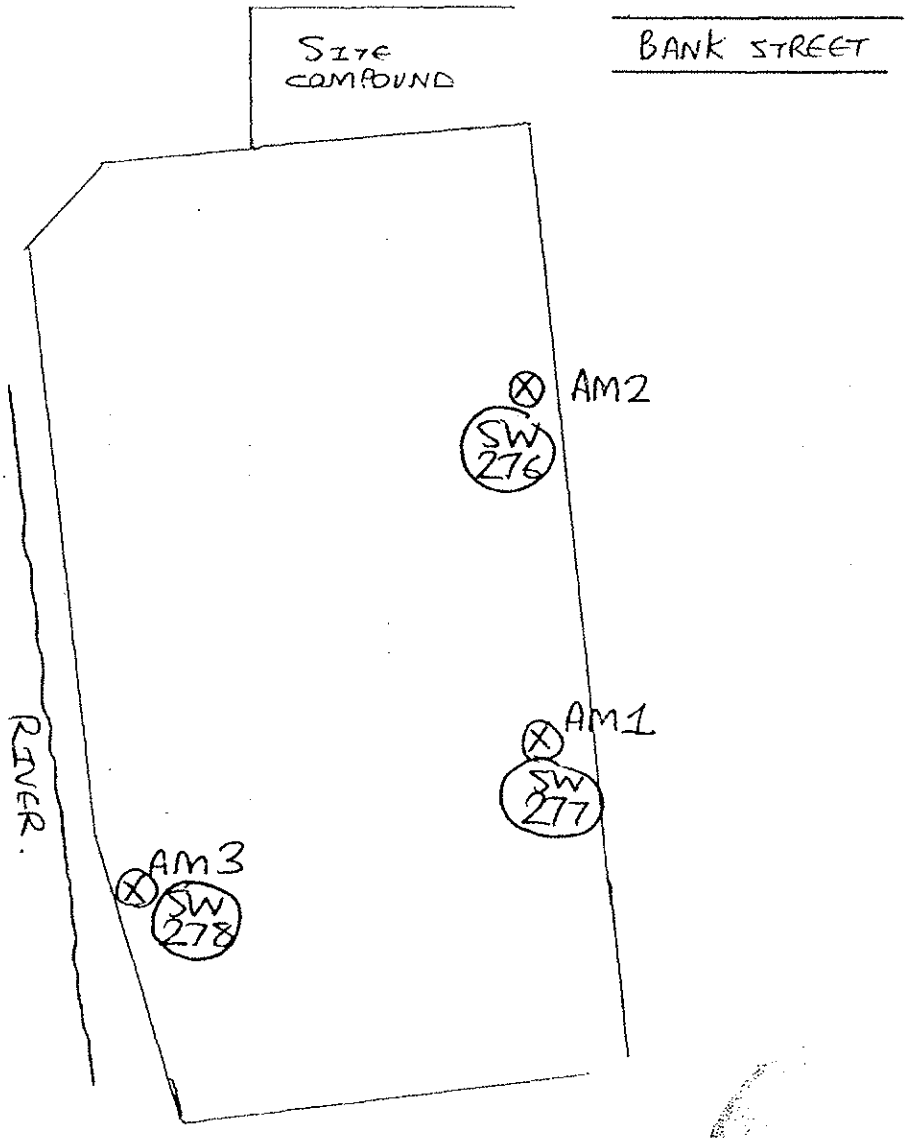
ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No:	SW 62/08	Job No:	M/0681
Job Title:	GLEBELANDS PFI NEWPORT	Date of test:	17-6-08

SCHEMATIC PLAN OF WORK AREA AND SAMPLING LOCATIONS - NOT TO SCALE

GLEBELANDS PFI NEWPORT — SITE PLAN



1 = SAMPLE LOCATION
= NPU
= AIRLOCK/ BAGLOCK
= TRANSIT ROUTE
D = DCU
W = WASTE SKIP/VAN
A = ASBESTOS TO REMAIN IN SITU
= EXTENT OF ENCLOSURE

White: Office Yellow: Client Pink: Site

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Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH Company no: 3352785
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UKAS TESTING 2329

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No: SW 62/08 Job No: M10681

Job Title: GLEBELANDS PFI NEWPORT Date of test: 17/6/08

Sample Number	Pump Number	Start Time	Temp (°C)	Pressure (mbar)	Finish Time	Duration (Min)	Intermediate Flow Rate (L/Min)					Corrected Flow (Y/N)
							Start	60min	120min	180min	Finish	
SW276	HF10	12:16	21	1010	12:59	43	12·0				12·0	N
SW277	HF11	12:20	21	1010	13:02	42	12·0				12·9	N
SW278	HF17	12:24	21	1010	13:06	42	12·0				11·9	N

Sample Number	Location (refer to plan)	Test Type*	Volume (Litres)		Fibres	Fields	Calculated Result (Fibres/ml)	Reported Result (Fibres/ml)	Satisfactory** (Y / N / NA)
SW276	AM 2	B	516	—	1½	186	0·001	<0·01	Y
SW277	AM 1	B	504	—	1	191	0·001	<0·01	Y
SW278	AM 3	B	502	—	1	191	0·001	<0·01	Y

* (B) Background (R) Reassurance (L) Leak (C) Clearance (P) Personal (FB) Field Blank

** Calculated result below the clearance indicator level. Note, not applicable for some types of test e.g. Personal testing

Sampled By: S. WINGROVE

Analysed By: S. WINGROVE

Signature: S. Cooper

Date: 17/6/08

White: Office Yellow: Client Pink: Site

FIB001/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH Company no: 3352785
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ASBESTOS SAMPLING & ANALYSIS REPORT

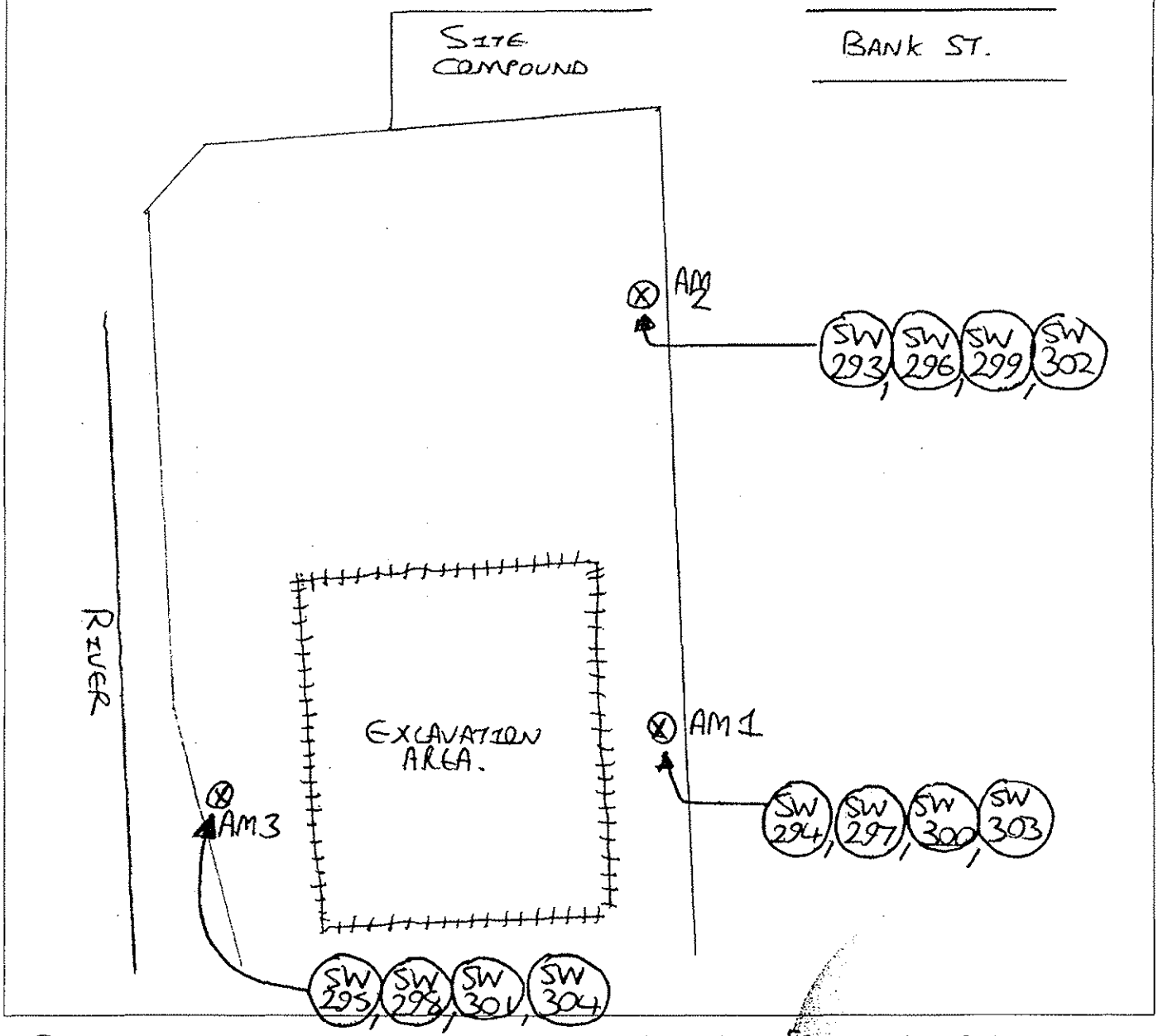
MANESTREAM LTD

Report No: SW 627/08 Job No: M10681

Job Title: GLEBELANDS P.F.I SITE PLAN Date of test: SW 17/6/08 24

SCHEMATIC PLAN OF WORK AREA AND SAMPLING LOCATIONS - NOT TO SCALE

GLEBELANDS PFI SITE PLAN



1 = SAMPLE LOCATION

= NPU

= AIRLOCK/ BAGLOCK

= TRANSIT ROUTE

D = DCU

W = WASTE SKIP/VAN

A = ASBESTOS TO REMAIN IN SITU

= EXTENT OF ENCLOSURE

++++++++ = FENCED OFF AREA FOR EXCAVATIONS

⊗ = CLIENT SELECTED AIR MONITORING LOCATIONS

White: Office Yellow: Client Pink: Site

FIB001/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH Company no: 3352785
Tel: +44(0) 208 8058282 Fax: +44(0) 208 8052470

E260/0605

ASBESTOS SAMPLING & ANALYSIS REPORT

UKAS TESTING 2329

MANESTREAM LTD

Report No:	SW 65/08	Job No:	M10681
Job Title:	GLEBELANDS PFI, NEWPORT	Date of test:	24/6/08
Client:	NORWEST HOLST Ltd.	Shift No: (if appl)	N/A
Client Address:	PARKSIDE LANE, DEWSBURY, LEEDS, LS11 5SX	Day / Night:	DAY
		Time on site:	10.00AM
		Time off site:	4.00 PM
Site Address:	BANK ST, GLEBELANDS, NEWPORT, NP19 7HF		

Description of works being undertaken (Plan of work) or reasons for air monitoring:
REASSURANCE AIR MONITORING UNDERTAKEN ON BUILDING SITE WHERE EXCAVATION WORKS ARE OCCURING. EXCAVATION AREAS COULD CONTAIN ASBESTOS CONTAINING MATERIALS (OLD LANDFILL SITE)

Additional Comments:
TEST LOCATIONS (3 NO) PRE SET BY CLIENT : LOCATIONS AM1, AM2, AM3.

Analysis in base, site, mobile lab:	SITE	Reg. No if mobile lab:	N/A
Microscope No:	MS 17	Rotameter No:	2
S 12 Stage Micrometer No:	SM 2	Graticule Diameter:	98 µm
N.P.L Test Slide No:	TS 07	Band Resolution:	5
Timer No:	TP 04	Tally Counter No's:	TC14, TC15
Barometer No:	BR 3	Thermometer No:	TH 2
Exposed Filter Diameter:	22.4mm	Field Blank Required?	N

Methodology
Sampling and analysis carried out in accordance with: Asbestos: The Analysts' Guide for Sampling, analysing and clearance procedures (HSG 248), and our own documented in-house procedures

Limit of Detection
The limit of detection for a sample volume equal to or greater than 480 litres and 200 graticule areas examined will be expressed as 0.010 respirable fibres / ml of air. For sample volumes below 480 litres, an appropriate limit of detection will apply

White: Office Yellow: Client Pink: Site

FIB001/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH **Company no:** 3352785
Tel: +44(0) 208 8058282 Fax: +44(0) 208 8052470

UKAS TESTING
2329

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No: SW65/08 Job No: M10681

Job Title: GLEBELANDS PFI, NEWPORT Date of test: 24/6/08

Sample Number	Pump Number	Start Time	Temp (°C)	Pressure (mbar)	Finish Time	Duration (Min)	Intermediate Flow Rate (L/Min)					Corrected Flow (Y/N)
							Start	60min	120min	180min	Finish	
SW293	HF10	10:39	20	1015	11:25	46	12·0	—	—	—	11·8	N
SW294	HF11	10:43	20	1015	11:32	49	12·0	—	—	—	11·9	N
SW295	HF16	10:47	20	1015	11:37	50	12·0	—	—	—	11·7	N
SW296	HF17	11:28	20	1015	12:51	83	6·0	6·0	—	—	6·0	N
SW297	HF14	11:33	20	1015	12:55	82	6·0	6·0	—	—	6·0	N
SW298	HF18	11:38	20	1015	13:02	84	6·0	6·0	—	—	6·0	N
SW299	HF17	12:51	22	1016	14:20	89	6·0	6·0	—	—	6·0	N
SW300	HF14	12:55	22	1016	14:24	89	6·0	6·0	—	—	6·0	N
SW301	HF18	13:02	22	1016	14:28	86	6·0	6·0	—	—	6·0	N
SW302	HF10	14:20	23	1016	15:06	46	12·0	—	—	—	12·0	N
SW303	HF11	14:25	23	1016	15:10	45	12·0	—	—	—	12·0	N
SW304	HF16	14:29	23	1016	15:13	44	12·0	—	—	—	11·7	N

Sample Number	Location (refer to plan)	Test Type*	Volume (Litres)		Fibres	Fields	Calculated Result (Fibres/ml)	Reported Result (Fibres/ml)	Satisfactory** (Y / N / NA)
SW293	AM 2	R	547	—	1 1/2	176	0·001	<0·01	Y
SW294	AM 1	R	586	—	1	164	0·001	<0·01	Y
SW295	AM 3	R	593	—	1	162	0·001	<0·01	Y
SW296	AM 2	R	498	—	1	193	0·001	<0·01	Y
SW297	AM 1	R	492	—	0	195	0·000	<0·01	Y
SW298	AM 3	R	504	—	1	191	0·001	<0·01	Y
SW299	AM 2	R	534	—	1 1/2	180	0·001	<0·01	Y
SW300	AM 1	R	534	—	1 1/2	180	0·001	<0·01	Y
SW301	AM 3	R	516	—	1/2	186	0·000	<0·01	Y
SW302	AM 2	R	552	—	1/2	174	0·000	<0·01	Y
SW303	AM 1	R	540	—	1	178	0·001	<0·01	Y
SW304	AM 3	R	521	—	0	184	0·000	<0·01	Y

* (B) Background (R) Reassurance (L) Leak (C) Clearance (P) Personal (FB) Field Blank

** Calculated result below the clearance indicator level. Note, not applicable for some types of test e.g. Personal testing

Sampled By: STEPHEN WINGROVE

Analysed By: STEPHEN WINGROVE

Signature: S Cooge Date: 24/6/08

White: Office Yellow: Client Pink: Site

FIB001/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH Company no: 3352785
Tel: +44(0) 208 8058282 Fax: +44(0) 208 8052470

E260/644

UKAS TESTING 2329

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No:	SW 68/08	Job No:	M10681
Job Title:	GLEBELANDS PFI, NEWPORT	Date of test:	1/7/08
Client:	NORWEST HOLST	Shift No: (if appl)	N/A
Client Address:	PARKSIDE LANE, DEWSBURY ROAD, LEEDS, LS11 5SX	Day / Night:	DAY
		Time on site:	9.30 AM
		Time off site:	4.00 PM
Site Address:	GLEBELANDS PFI, BANK STREET, NEWPORT		

Description of works being undertaken (Plan of work) or reasons for air monitoring:

REASSURANCE AIR MONITORING UNDERTAKEN AT CLIENT SPECIFIED LOCATIONS ON A CONSTRUCTION SITE, EXCAVATIONS IN PROGRESS ON SITE, AREA IS BROWNFIELD SITE AND OLD LANDFILL AREA, KNOWN TO CONTAIN ASBESTOS ~~FOUND~~ SUSPECTED MATERIALS.

Additional Comments:

Analysis in base, site, mobile lab:	SITE	Reg. No if mobile lab:	N/A
Microscope No:	MS 17	Rotameter No:	9
S 12 Stage Micrometer No:	SM2	Graticule Diameter:	98 µm
N.P.L Test Slide No:	TS 07	Band Resolution:	5
Timer No:	TP 4	Tally Counter No's:	TC14, TC15
Barometer No:	BR 3	Thermometer No:	TH 2
Exposed Filter Diameter:	22.4 MM	Field Blank Required?	N

Methodology
Sampling and analysis carried out in accordance with: Asbestos: The Analysts' Guide for Sampling, analysing and clearance procedures (HSG 248), and our own documented in-house procedures

Limit of Detection
The limit of detection for a sample volume equal to or greater than 480 litres and 200 graticule areas examined will be expressed as 0.010 respirable fibres / ml of air. For sample volumes below 480 litres, an appropriate limit of detection will apply.

White: Office Yellow: Client Pink: Site

FIB001/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH **Company no:** 3352785
Tel: +44(0) 208 8058282 Fax: +44(0) 208 8052470

UKAS TESTING
2329

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No: SW 68108 Job No: M10681

Job Title: GLEBELANDS PFI, NEWPORT Date of test: 1/7/08

Sample Number	Pump Number	Start Time	Temp (°C)	Pressure (mbar)	Finish Time	Duration (Min)	Intermediate Flow Rate (L/Min)					Corrected Flow (Y/N)
							Start	60min	120min	180min	Finish	
SW312	HF10	10:00	21	1011	11:01	61	8.0	—	—	—	8.0	N
SW313	HF17	10:05	21	1011	11:07	62	8.0	—	—	—	7.8	N
SW314	HF14	10:10	21	1011	11:11	61	8.0	—	—	—	8.0	N
SW315	HF10	11:02	23	1010	12:24	82	6.0	6.0	—	—	5.8	N
SW316	HF17	11:08	23	1010	12:30	82	6.0	6.0	—	—	6.2	N
SW317	HF14	11:12	23	1010	12:36	84	6.0	6.0	—	—	6.0	N
SW318	HF11	12:24	24	1010	13:46	82	6.0	6.0	—	—	6.2	N
SW319	HF16	12:30	24	1010	13:52	82	6.0	6.0	—	—	6.2	N
SW320	HF18	12:36	25	1010	13:58	82	6.0	6.0	—	—	6.0	N
SW321	HF11	13:46	26	1008	15:06	82	6.0	6.0	—	—	6.0	N
SW322	HF16	13:52	26	1008	15:16	84	6.0	6.0	—	—	6.0	N
SW323	HF18	13:59	26	1008	~~15:20~~ 15:22	~~81~~ 83	6.0	5.9	—	—	5.8	N

Sample Number	Location (refer to plan)	Test Type*	Volume (Litres)		Fibres	Fields	Calculated Result (Fibres/ml)	Reported Result (Fibres/ml)	Satisfactory** (Y / N / NA)
SW312	AM 2	R	488	—	1	197	0.001	<0.01	Y
SW313	AM 1	R	490	—	1	196	0.001	<0.01	Y
SW314	AM 3	R	488	—	1½	197	0.001	<0.01	Y
SW315	AM 2	R	487	—	0	197	0.000	<0.01	Y
SW316	AM 1	R	498	—	1½	193	0.001	<0.01	Y
SW317	AM 3	R	504	—	3½	191	0.002	<0.01	Y
SW318	AM 2	R	498	—	1	193	0.001	<0.01	Y
SW319	AM 1	R	498	—	3	193	0.002	<0.01	Y
SW320	AM 3	R	492	—	1½	195	0.001	<0.01	Y
SW321	AM 2	R	492	—	1½	195	0.001	<0.01	Y
SW322	AM 1	R	504	—	1	191	0.001	<0.01	Y
SW323	AM 3	R	~~513~~ 430	—	0	~~187~~ 196	0.000	<0.01	Y

* (B) Background (R) Reassurance (L) Leak (C) Clearance (P) Personal (FB) Field Blank

** Calculated result below the clearance indicator level. Note, not applicable for some types of test e.g. Personal testing

Sampled By: STEPHEN WINGROVE

Analysed By: STEPHEN WINGROVE

Signature: S Cole

Date: 1/7/08

White: Office Yellow: Client Pink: Site

FIB001/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH Company no: 3352785
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UKAS TESTING
2329

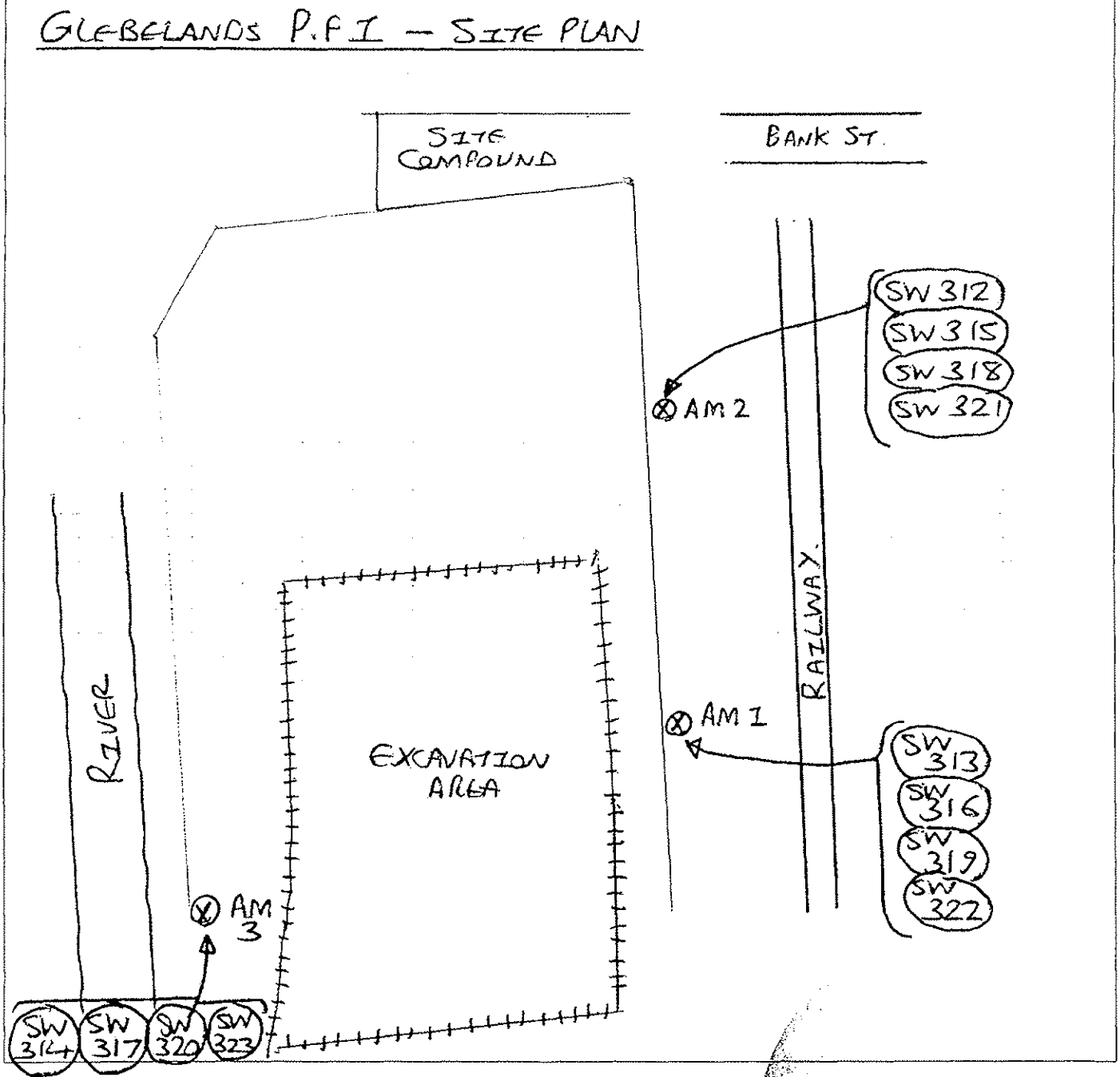
ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No: SW 68/08 Job No: M10681

Job Title: GLEBELANDS PFI, NEWPORT Date of test: 1/7/08

SCHEMATIC PLAN OF WORK AREA AND SAMPLING LOCATIONS - NOT TO SCALE



1 = SAMPLE LOCATION

= NPU

= AIRLOCK/ BAGLOCK

= TRANSIT ROUTE

D = DCU

W = WASTE SKIP/VAN

A = ASBESTOS TO REMAIN IN SITU

= EXTENT OF ENCLOSURE

= FENCED OFF AREA, EXCAVATIONS IN PROGRESS

⊗ = CLIENT SPECIFIED AIR MONITORING LOCATIONS.

White: Office Yellow: Client Pink: Site

FIB001/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH **Company no:** 3352785
Tel: +44(0) 208 8058282 Fax: +44(0) 208 8052470

UKAS TESTING
2329

ASBESTOS SAMPLING & ANALYSIS REPORT

E260/674

MANESTREAM LTD

Report No:	SW 69/08	Job No:	M10681
Job Title:	GLEBELANDS PFI, NEWPORT	Date of test:	8/7/08
Client:	NORWEST HOLST	Shift No: (if appl)	N/A
Client Address:	PARKSIDE LANE, DEWSBURY ROAD, LEEDS, LS11 5SX	Day / Night:	DAY
		Time on site:	9:00 AM
		Time off site:	3:45 PM
Site Address:	GLEBELANDS PFI, BANK STREET, NEWPORT		

Description of works being undertaken (Plan of work) or reasons for air monitoring:

EXCAVATION WORKS ON BROWNFIELD CONSTRUCTION SITE (ex. LANDFILL) KNOWN TO CONTAIN ASBESTOS MATERIALS.
REASSURANCES UNDERTAKEN AT CLIENT PRESCRIBED LOCATIONS AM1, AM2 AND AM3 AROUND EXCAVATION AREA.
PERSONAL MONITORING (3 NO) REQUESTED BY CLIENT, ALSO ON OPERATIVES INVOLVED IN EXCAVATION WORKS.

Additional Comments:

(i) PERSONAL ON H. MOORE (OF LANDCLEAN) DURING BAGGING OF PCB CONTAMINATED MATERIAL, ADJACENT TO PCB EXCAVATION. DISPOSABLE COVERALLS WORN, NO FACEMASK WORN.
(ii) PERSONAL ON M. YATES (OF LANDCLEAN) DURING BAGGING OF PCB CONTAMINATED MATERIAL, ADJACENT TO PCB EXCAVATION. DISPOSABLE COVERALLS WORN, NO FACEMASK WORN
(III) PERSONAL ON C. RODGERS (OF LANDCLEAN) SUPERVISORY WORKS, STANDING WITHIN EXCAVATION DIRECTING EXCAVATOR. DISPOSABLE COVERALLS WORN, NO FACEMASK WORN
(IV) WEATHER CONDITIONS: SUNNY WITH SHOWERS, GROUND VERY DAMP FROM PREVIOUS DAYS OF RAINFALL.

Analysis in base, site, mobile lab:	SITE	Reg. No if mobile lab:	N/A
Microscope No:	MS 17	Rotameter No:	2 AND 9
S 12 Stage Micrometer No:	SM2	Graticule Diameter:	98 µm
N.P.L Test Slide No:	TS 07	Band Resolution:	5
Timer No:	TP 4	Tally Counter No's:	TC14, TC15
Barometer No:	BR 3	Thermometer No:	TH 2
Exposed Filter Diameter:	22.4mm	Field Blank Required?	N

Methodology
Sampling and analysis carried out in accordance with: Asbestos: The Analysts' Guide for Sampling, analysing and clearance procedures (HSG 248), and our own documented in-house procedures

Limit of Detection
The limit of detection for a sample volume equal to or greater than 480 litres and 200 graticule areas examined will be expressed as 0.010 respirable fibres / ml of air. For sample volumes below 480 litres, an appropriate limit of detection will apply

White: Office Yellow: Client Pink: Site

FIB001/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH **Company no:** 3352785
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UKAS TESTING
2329

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No: SW69/08 Job No: M1068

Job Title: GLEBELANDS PFI, NEWPORT Date of test: 8/7/08

Sample Number	Pump Number	Start Time	Temp (°C)	Pressure (mbar)	Finish Time	Duration (Min)	Intermediate Flow Rate (L/Min)					Corrected Flow (Y/N)
							Start	60min	120min	180min	Finish	
SW324	HF 10	9:55	23	1013	11:17	82	6·0	6·0	—	—	6·0	N
SW325	HF 11	10:01	23	1013	11:22	81	6·0	6·0	—	—	6·0	N
SW326	HF 14	10:06	23	1013	11:29	83	6·0	6·0	—	—	6·0	N
SW327	HF 10	11:17	21	1011	13:02	105	6·0	6·0	—	—	5·8	N
SW328	HF 11	11:22	21	1011	13:08	106	6·0	6·0	—	—	6·0	N
SW329	HF 14	11:29	21	1011	13:12	103	6·0	6·0	—	—	6·0	N
SW330	LF05	12:27	25	1007	12:49	22	2·0	—	—	—	2·0	N
SW331	LF05	12:55	25	1007	13:18	23	2·0	—	—	—	2·0	N
SW332	LF05	13:22	25	1007	13:45	23	2·0	—	—	—	2·0	N
SW333	HF 16	13:05	23	1007	14:44	99	6·0	6·0	—	—	6·0	N
SW334	HF 17	13:09	23	1007	14:49	100	6·0	6·0	—	—	6·0	N
SW335	HF 18	13:13	23	1007	14:53	100	6·0	6·0	—	—	6·0	N

Sample Number	Location (refer to plan)	Test Type*	Volume (Litres)		Fibres	Fields	Calculated Result (Fibres/ml)	Reported Result (Fibres/ml)	Satisfactory** (Y / N / NA)
SW324	AM 2	R	492	—	1 1/2	195	0·001	<0·01	Y
SW325	AM 1	R	486	—	2	198	0·001	<0·01	Y
SW326	AM 3	R	498	—	0	193	0·000	<0·01	Y
SW327	AM 2	R	623	—	2	154	0·001	<0·01	Y
SW328	AM 1	R	636	—	1	151	0·001	<0·01	Y
SW329	AM 3	R	618	—	0	155	0·000	<0·01	Y
SW330	P.M ON H. MOORE	PM	444	—	0	200	0·000	<0·11	Y
SW331	P.M ON M. YATES	PM	446	—	1	200	0·006	<0·10	Y
SW332	P.M ON K. RODGERS	PM	446	—	1	200	0·006	<0·10	Y
SW333	AM 2	R	594	—	2	162	0·001	<0·01	Y
SW334	AM 1	R	600	—	1	160	0·001	<0·01	Y
SW335	AM 3	R	600	—	2 1/2	160	0·001	<0·01	Y

* (B) Background (R) Reassurance (L) Leak (C) Clearance (P) Personal (FB) Field Blank

** Calculated result below the clearance indicator level. Note, not applicable for some types of test e.g. Personal testing

Sampled By: STEPHEN WINGROVE

Analysed By: STEPHEN WINGROVE

Signature: S. Cooper Date: 8/7/08

White: Office Yellow: Client Pink: Site

FIB001/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH Company no: 3352785
Tel: +44(0) 208 8058282 Fax: +44(0) 208 8052470

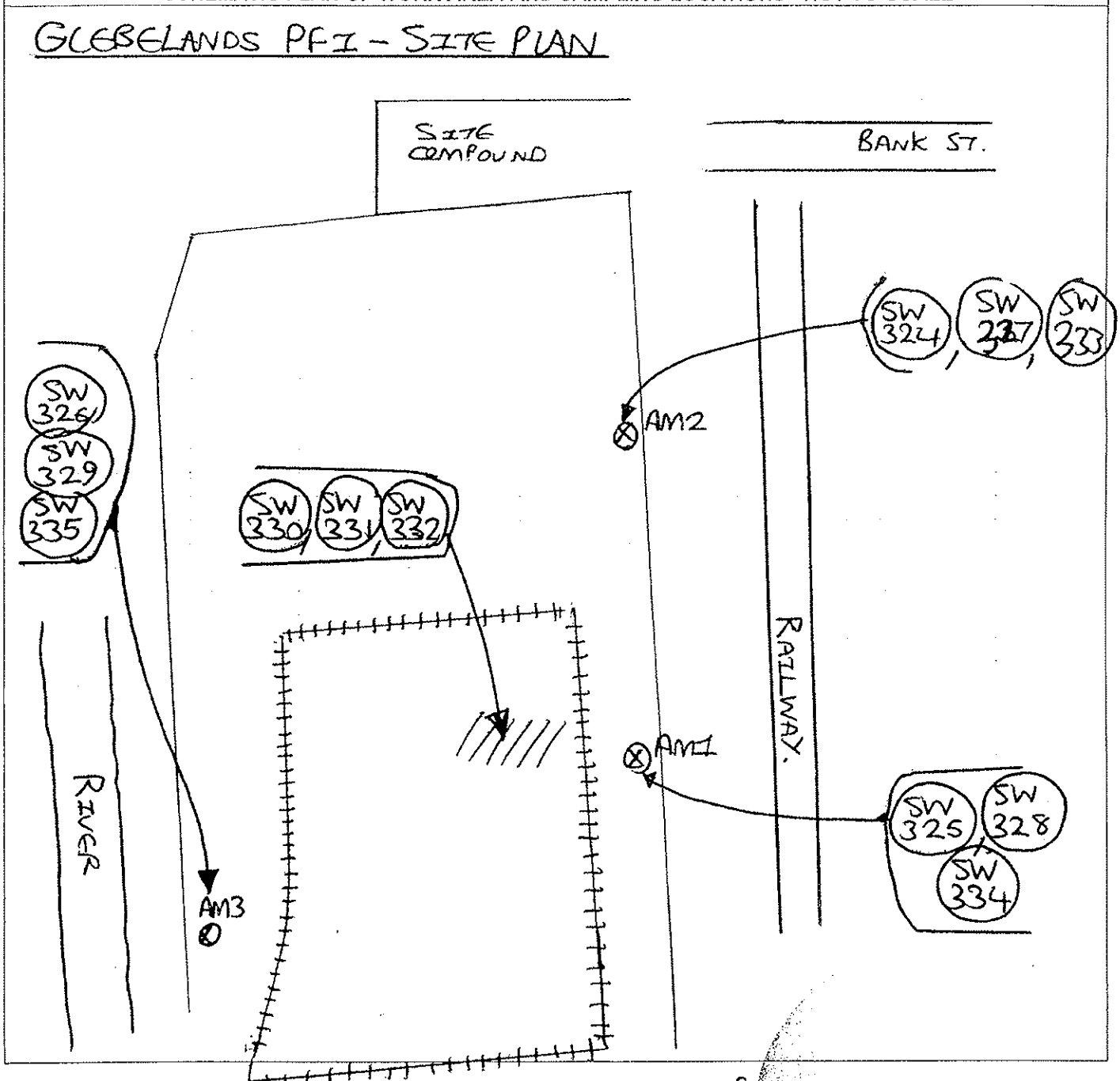
UKAS TESTING
2329

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No:	SW 69/08	Job No:	M10681
Job Title:	GLEBELANDS PFI, NEWPORT	Date of test:	8/7/08

SCHEMATIC PLAN OF WORK AREA AND SAMPLING LOCATIONS - NOT TO SCALE



White: Office Yellow: Client Pink: Site

FIB001/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH Company no: 3352785
Tel: +44(0) 208 8058282 Fax: +44(0) 208 8052470

UKAS TESTING
2329

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No:	CM5708	Job No:	M10681
Job Title:	GLEBELANDS PFI, NEWPORT	Date of test:	15-07-2008
Client:	NORWEST HOLST	Shift No: (if appl)	N/A
Client Address:	BACKSIDE LANE DENSHAW RD	Day / Night:	DAY
	LEEDS	Time on site:	1000
	LS11 5SX	Time off site:	
Site Address:	GLEBELANDS PFI		
	LANE STREET		
	NEWPORT, GWENT.		

Description of works being undertaken (Plan of work) or reasons for air monitoring:

EXCAVATION WORKS ON A BROWNFIELD CONSTRUCTION SITE (EX-LAND FILL) KNOWN TO CONTAIN ASBESTOS CONTAINING MATERIALS.

CLEARANCE TESTS & PERSONAL TEST TAKEN AT CLIENTS REQUESTED LOCATIONS (AM1, AM2 & AM3) AROUND EXCAVATION AREA. PERSONAL TEST CARRIED OUT ON PERSONNEL OPERATING EXCAVATION.

END.

Additional Comments:

i) PERSONAL TEST ON K. ROGERS SATISFACTORY. (NO MASK WORN, JUST COVERALLS)

ii) INSERT CONDITIONS - HUMID & BRIGHT - GROUND DAMP FROM PREVIOUS RAINFALL IN PREVIOUS DAYS.

iii) CLEARANCE TESTS SATISFACTORY TO 0.010 f/ml.

END

Analysis in base, site, mobile lab:	MOBILE LAB	Reg. No if mobile lab:	PX57 YXN
Microscope No:	MS10	Rotameter No:	ROTA10
S 12 Stage Micrometer No:	SM07	Graticule Diameter:	100 µm
N.P.L Test Slide No:	TS04	Band Resolution:	5
Timer No:	TP07	Tally Counter No's:	TC10 & TC11
Barometer No:	BL06	Thermometer No:	TH06
Exposed Filter Diameter:	22.4	Field Blank Required?	NO.

Methodology
Sampling and analysis carried out in accordance with: Asbestos: The Analysts' Guide for Sampling, analysing and clearance procedures (HSG 248), and our own documented in-house procedures

Limit of Detection
The limit of detection for a sample volume equal to or greater than 480 litres and 200 graticule areas examined will be expressed as 0.010 respirable fibres / ml of air. For sample volumes below 480 litres, an appropriate limit of detection will apply

White: Office Yellow: Client Pink: Site FIB001/REV1/05-11-07

Registered address: Devonshire Court, Unit 8 Fountain Drive, Mead Lane Industrial Estate, Hertford, Hertfordshire SG13 7UB **Company no:** 3352785
Tel: +44(0) 1992 503777 Fax: +44(0) 1992 503117

UKAS TESTING
2329

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No: CM5708 Job No: M10681

Job Title: GLEBELANDS PET NEWPORT Date of test: 15-07-2008

Sample Number	Pump Number	Start Time	Temp (°C)	Pressure (mbar)	Finish Time	Duration (Min)	Intermediate Flow Rate (L/Min)					Corrected Flow (Y/N)
							Start	60min	120min	180min	Finish	
CM626	HF001	1110	23	1023	1143	33	14.5				14.5	No
CM627	HF005	1112	23	1023	1145	33	14.5				14.5	No
CM628	HF007	1125	23	1023	1158	33	14.5				14.5	No
CM629	HF004	1127	23	1023 ee	1200	33	14.5				14.5	No
CM630	HF003	1137	24	1023	1210	33	14.5				14.5	No
CM631	HF006	1139	24	1023	1212	33	14.5				14.5	No
CM632	LF10	1152	24	1024	1226 14	22	4.0				4.0	No
CM633	HF005	1226	24	1024	1259	33	14.5				14.5	No
CM634	HF007	1231	24	1024	1304 ee	33	14.5				14.5	No
CM635	HF004	1233	24	1024	1306	33	14.5				14.5	No
CM636	HF001	1240	24	1024	1313	33	14.5				14.5	No
CM637	HF006	1242	24	1024	1315	33	14.5				14.5	No

Sample Number	Location (refer to plan)	Test Type*	Volume (Litres)	Fibres	Fields	Calculated Result (Fibres/ml)	Reported Result (Fibres/ml)	Satisfactory** (Y / N / NA)
CM626	AM 1	PT	480	0	200	0.000	<0.010	Yes
CM627	AM 1	PT	480	2½	200	0.003	<0.010	Yes
CM628	AM 2	PT	480	1½	200	0.002	<0.010	Yes
CM629	AM 2	PT	480	1½	200	0.002	<0.010	Yes
CM630	AM 3	PT	480	1	200	0.001	<0.010	Yes
CM631	AM 3	PT	480	2½	200	0.001	<0.010	Yes
CM632	KEITH ROGERS	PT	~~480~~ ee - 88.0	1	200	0.001	<0.010	Yes
CM633	AM 2	PT	480	2½	200	0.003	<0.010	Yes
CM634	AM 2	PT	480	1½	200	0.002	<0.010	Yes
CM635	AM 3	PT	480	1½	200	0.002	<0.010	Yes
CM636	AM 3	PT	480	1	200	0.001	<0.010	Yes
CM637	AM 1	PT	480	1½	200	0.002	<0.010	Yes

* (B) Background (R) Reassurance (L) Leak (C) Clearance (P) Personal (FB) Field Blank

** Calculated result below the clearance indicator level. Note, not applicable for some types of test e.g. Personal testing

Sampled By: C METCALF

Analysed By: C METCALF

Signature:

Date: 15-07-2008

White: Office Yellow: Client Pink: Site

FIB001/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH Company no: 3352785
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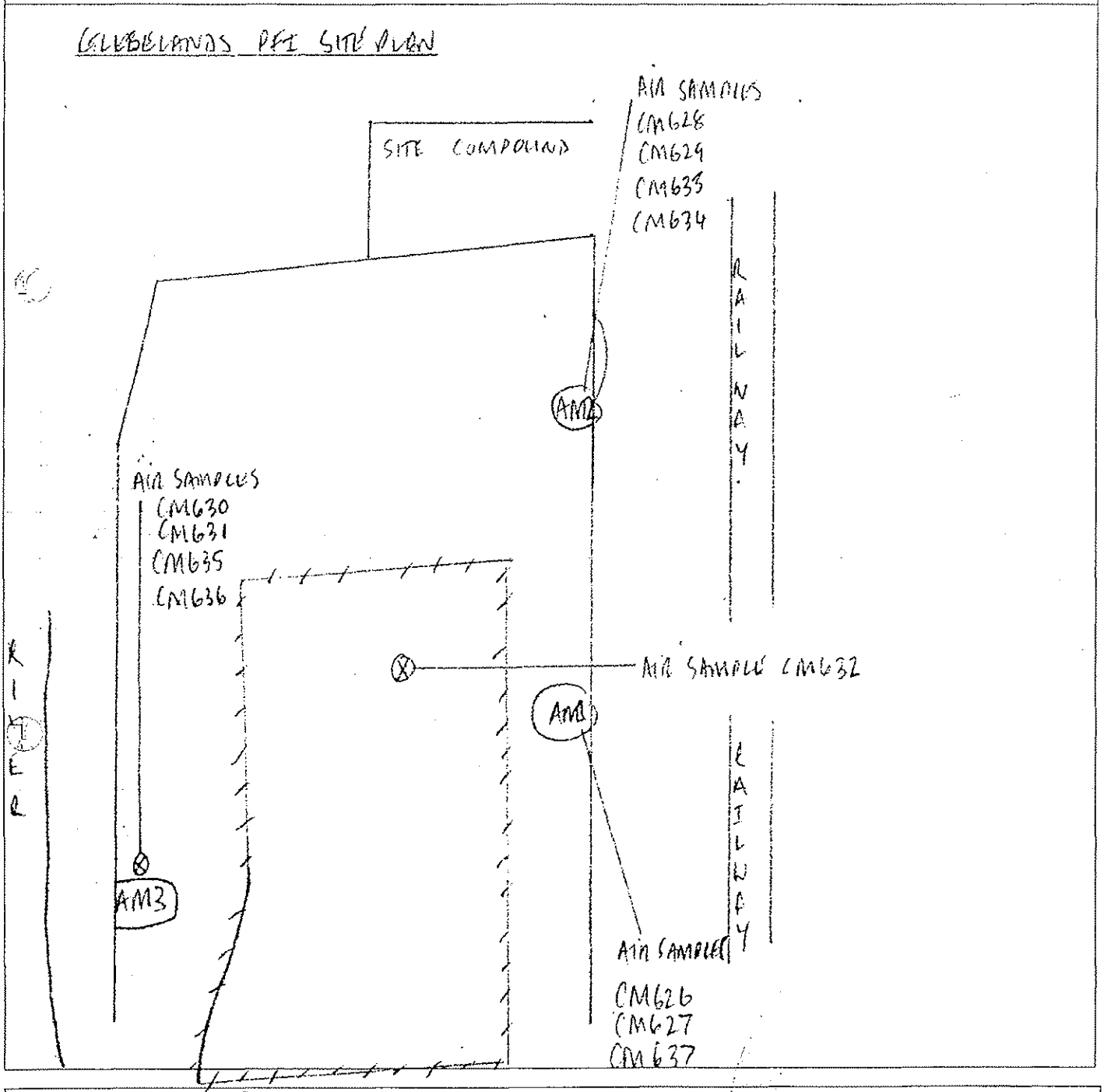
ASBESTOS SAMPLING & ANALYSIS REPORT

UKAS TESTING 2329

MANESTREAM LTD

Report No:	CM5708	Job No:	M10681
Job Title:	GLEBELANDS PFI, NEWPORT	Date of test:	15-07-2008

SCHEMATIC PLAN OF WORK AREA AND SAMPLING LOCATIONS - NOT TO SCALE



Key:			
⊗	= Sample Locations	=N/A	N/A
	=FENCED OFF AREA	=N/A	= N/A.

White: Office Yellow: Client Pink: Site FIB001/REV1/05-11-07

Registered address: Devonshire Court, Unit 8 Fountain Drive, Mead Lane Industrial Estate, Hertford, Hertfordshire SG13 7UB **Company no:** 3352765
Tel: +44(0) 1992 503777 Fax: +44(0) 1992 503117

UKAS TESTING
2329

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No:	T40012	Job No:	M020162
Job Title:	Clearance re: Asbestos	Date of test:	05-9-07
Client:	Aggregate Waste	Shift No: (if appl)	
Client Address:	Pennine Lane	Day / Night:	D
	Dunlaven Rd	Time on site:	0900
	LS20 8BH	Time off site:	1030
Site Address:	Dunlaven Rd Estate		
	Cleckheaton		
	West Yorkshire		

Description of works being undertaken (Plan of work) or reasons for air monitoring:

Clearance Air Monitoring To Confirmation Level of Fibre Count Contamination

Additional Comments:

Area Sampling Pumps Numbers as follows AM1, AM2 & AM3

Analysis in base, site, mobile lab:	Mobile	Reg. No if mobile lab:	Y10 ZYM
Microscope No:	M510	Rotameter No:	Rota C
S 12 Stage Micrometer No:	Sm3	Graticule Diameter:	95.9 µm
N.P.L Test Slide No:	T107	Band Resolution:	5
Timer No:	TMR 10	Tally Counter No's:	TC1 TC2
Barometer No:	Casio	Thermometer No:	TH1
Exposed Filter Diameter:	22.6	Field Blank Required?	No

Methodology
Sampling and analysis carried out in accordance with: Asbestos: The Analysts' Guide for Sampling, analysing and clearance procedures (HSG 248), and our own documented in-house procedures

Limit of Detection
The limit of detection for a sample volume equal to or greater than 480 litres and 200 graticule areas examined will be expressed as 0.010 respirable fibres / ml of air. For sample volumes below 480 litres, an appropriate limit of detection will apply.

White: Site Yellow: Client Pink: Office

Registered address: Devonshire Court, Unit 8 Fountain Drive, Mead Lane Industrial Estate, Hertford, Hertfordshire SG13 7UB **Company no:** 3352785
Tel: +44(0) 1992 503777 Fax: +44(0) 1992 503117

UKAS TESTING 2329

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No: [illegible] Job No: [illegible]

Job Title: [illegible] Date of test: [illegible]

Sample Number	Pump Number	Start Time	Temp (°C)	Pressure (mbar)	Finish Time	Duration (Min)	Intermediate Flow Rate (L/Min)					Corrected Flow (Y/N)
							Start	60min	120min	180min	Finish	
[illegible]												

Sample Number	Location (refer to plan)	Test Type*	Volume (Litres)		Fields	Fibres	Calculated Result (Fibres/ml)	Reported Result (Fibres/ml)	Satisfactory** (Y / N / NA)

* (B) Background (R) Reasurance (L) Leak (C) Clearance (P) Personal (FB) Field Blank

** Calculated result below the clearance indicator level. Note, not applicable for some types of test e.g. Personal testing

Sampled By: [illegible]

Analysed By: [illegible]

Signature: [illegible]

Date: [illegible]

White: Site Yellow: Client Pink: Office

Registered address: Devonshire Court, Unit 8 Fountain Drive, Mead Lane Industrial Estate, Hertford, Hertfordshire SG13 7UB **Company no:** 3352785
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E260/0807

ASBESTOS SAMPLING & ANALYSIS REPORT

UKAS TESTING 2329

MANESTREAM LTD

Report No:	TSD 0855	Job No:	020862
Job Title:	CLERE CLOSE PH1	Date of test:	29-7-08
Client:	NORWEST HOLST	Shift No: (if appl)	
Client Address:	PARKSIDE CAMP	Day / Night:	D
	DEWSBURY RD	Time on site:	0845
	LEEDS LS11 5SX	Time off site:	1645
Site Address:	DURHAM RD SCHOOL		
	CLERE AVE		
	NEWPORT		

Description of works being undertaken (Plan of work) or reasons for air monitoring

EQUIPMENT AIR TESTING TO BOUNDARY OF CONTAMINATED LAND DURING CONSTRUCTION WORKS

Additional Comments

CLIENT CHOSE SAMPLING POINTS

Analysis in base, site, mobile lab:	MOBILE	Reg. No if mobile lab:	YE07YHU
Microscope No:	MS10	Rotameter No:	ROTA6
S 12 Stage Micrometer No:	SMS	Graticule Diameter:	99.9 µm
N.P.L Test Slide No:	7503	Band Resolution:	6
Timer No:	TP10	Tally Counter No's:	TC6 TC6
Barometer No:	B266	Thermometer No:	TH12
Exposed Filter Diameter:	22.6	Field Blank Required?	N

Methodology
Sampling and analysis carried out in accordance with: Asbestos: The Analysts' Guide for Sampling, Analysis and Clearance procedures (HSG 248), and our own documented in-house procedures

Limit of Detection
The limit of detection for a sample volume equal to or greater than 480 litres and 200 graticule areas examined will be expressed as 0,010 respirable fibres / ml of air. For sample volumes below 480 litres, an appropriate limit of detection will be

White: Site Yellow: Client Pink: Office

Registered address: Devonshire Court, Unit 8 Fountain Drive, Mead Lane Industrial Estate, Hertford, Hertfordshire SG13 7UG Company no: 3352284
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UKAS TESTING 2329

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No: TSD 0853 Job No: 020562

Job Title: CLEVELAND ST. Date of test: 25-7-02

Sample Number TSD	Pump Number M6	Start Time	Temp (°C)	Pressure (mbar)	Finish Time	Duration (Min)	Intermediate Flow Rate (L/Min)					Corrected Flow (Y/N)
							Start	60min	120min	180min	Finish	
0252	13	0852	21	1009	0952	60	8.0				8.0	~
0253	39	0855	21	1009	0955	60	8.0				8.0	~
0254	40	0858	21	1009	0958	60	8.0				8.0	~
0255	13	0953	21	1008	1053	60	8.0				8.0	~
0256	39	0956	21	1008	1056	60	8.0				8.0	~
0257	40	0959	20	1008	1059	60	8.0				8.0	~
0258	35	1054	20	1007	1154	60	8.0				8.0	~
0259	37	1057	20	1007	1157	60	8.0				8.0	~
0260	39	1100	20	1007	1200	60	8.0				8.0	~
0261	35	1255	21	1007	1355	60	8.0				8.0	~
0262	37	1258	21	1007	1358	60	8.0				8.0	~
0263	38	1300	21	1007	1400	60	8.0				8.0	~

Sample Number TSD	Location (refer to plan)	Test Type*	Volume (Litres)	Fields	Fibres	Calculated Result (Fibres/ml)	Reported Result (Fibres/ml)	Satisfactory** (Y / N / NA)
0252	AM 2		480	200	<	0.001	<0.010	Y
0253	AM 1	R	480	200	3	0.002	<0.010	Y
0256	AM 3	R	480	200	2	0.001	<0.010	Y
0255	AM 2	R	480	200	7	0.004	<0.010	Y
0256	AM 1	R	480	200	5	0.003	<0.010	Y
0257	AM 3	R	480	200	3	0.002	<0.010	Y
0258	AM 2	R	480	200	2	0.001	<0.010	Y
0259	AM 1	R	480	200	1	0.001	<0.010	Y
0260	AM 3	R	480	200	6	0.003	<0.010	Y
0261	AM 2	R	480	200	1	0.001	<0.010	Y
0262	AM 1	R	480	200	2	0.001	<0.010	Y
0263	AM 3	R	480	200	2	0.001	<0.010	Y

* (B) Background (R) Reassurance (L) Leak (C) Clearance (P) Personal (FB) Field Blank

** Calculated result below the clearance indicator level. Note, not applicable for some types of test e.g. Personal Monitoring

Sampled By: T. Sherratt

Analysed By: —

Signature:

Page of

White: Site Yellow: Client Pink: Office

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UKAS TESTING
2329

E260/0807

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No:	TSD 0855	Job No:	020862
Job Title:	CLERE HOUSE PH1	Date of test:	29-7-08
Client:	NORWEST HOLST	Shift No: (if appl)	
Client Address:	PARKSIDE LANE	Day / Night:	D
	DEWSBURY RD	Time on site:	0845
	LEEDS LS11 5SX	Time off site:	1645
Site Address:	DURHAM RD SOUTH		
	CLERE HOUSE		
	NEWTON		

Details of Procedure being undertaken (Plan of work) or reasons for air monitoring

EQUIVALENCE AIR TESTING TO BOUNDARY OF CONTAMINATED LAND DURING CONSTRUCTION WORK

Comments

CLIENT CHOSE SAMPLING POINTS

Analysis in base, site, mobile lab:	MOBILE	Reg. No if mobile lab:	YE07YHU
Microscope No:	MS10	Rotameter No:	ROTA6
S 12 Stage Micrometer No:	SMS	Graticule Diameter:	99.9 µm
N.P.L Test Slide No:	TS03	Band Resolution:	6
Timer No:	TP10	Tally Counter No's:	TC6
Barometer No:	B266	Thermometer No:	TH12
Exposed Filter Diameter:	22.6	Field Blank required?	N

Methodology
Sampling and analysis carried out in accordance with: Asbestos: The Analysts' Guide for Sampling, analysis and clearance procedures (HSG 248), and our own documented in-house procedures

Limit of Detection
The limit of detection for a sample volume equal to or greater than 480 litres and 200 graticule areas examined will be expressed as 0.010 respirable fibres / ml of air. For sample volumes below 480 litres, an appropriate limit of detection will apply

White: Site Yellow: Client Pink: Office

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UKAS TESTING 2329

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No: TSD 0853 Job No: 020562

Job Title: CLERKENWELL Date of test: 25-7-01

Sample Number TSD	Pump Number	Start Time	Temp (°C)	Pressure (mbar)	Finish Time	Duration (Min)	Intermediate Flow Rate (L/Min)					Corrected Flow (Y/N)
							Start	60min	120min	180min	Finish	
0252	13	0852	21	1009	0952	60	8.0				8.0	~
0253	39	0855	21	1009	0955	60	8.0				8.0	~
0254	40	0858	21	1009	0958	60	8.0				8.0	~
0255	13	0953	21	1008	1053	60	8.0				8.0	~
0256	39	0956	21	1008	1056	60	8.0				8.0	~
0257	40	0959	20	1008	1059	60	8.0				8.0	~
0258	35	1054	20	1007	1154	60	8.0				8.0	~
0259	37	1057	20	1007	1157	60	8.0				8.0	~
0260	39	1100	20	1007	1200	60	8.0				8.0	~
0261	35	1255	21	1007	1355	60	8.0				8.0	~
0262	37	1258	21	1007	1358	60	8.0				8.0	~
0263	38	1300	21	1007	1400	60	8.0				8.0	~

Sample Number TSD	Location (refer to plan)	Test Type*	Volume (Litres)	Fields	Fibres	Calculated Result (Fibres/ml)	Reported Result (Fibres/ml)	Satisfactory** (Y / N / NA)
0252	AM 2		480	200	<	0.001	<0.010	Y
0253	AM 1	R	480	200	3	0.002	<0.010	Y
0256	AM 3	R	480	200	2	0.001	<0.010	Y
0255	AM 2	R	480	200	7	0.004	<0.010	Y
0256	AM 1	R	480	200	5	0.003	<0.010	Y
0257	AM 3	R	480	200	3	0.002	<0.010	Y
0258	AM 2	R	480	200	2	0.001	<0.010	Y
0259	AM 1	R	480	200	1	0.001	<0.010	Y
0260	AM 3	R	480	200	6	0.003	<0.010	Y
0261	AM 2	R	480	200	1	0.001	<0.010	Y
0262	AM 1	R	480	200	2	0.001	<0.010	Y
0263	AM 3	R	480	200	2	0.001	<0.010	Y

* (B) Background (R) Reassurance (L) Leak (C) Clearance (P) Personal (FB) Field Blank

** Calculated result below the clearance indicator level. Note, not applicable for some types of test e.g. Personal Sampling

Sampled By: T. SHORT

Analysed By:

Signature:

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White: Site Yellow: Client Pink: Office

Registered address: Devonshire Court, Unit 8 Fountain Drive, Mead Lane Industrial Estate, Hertford, Hertfordshire SG13 7UJ Company no. 3362765
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E360/0808

UKAS TESTING 2329

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No:	TSO 0859	Job No:	M020862
Job Title:	CLEBELANDS PH1 – NEWPORT	Date of test:	5-8-08
Client:	NORWEST HOLST	Shift No: (if appl)	
Client Address:	PARKSIDE LANE	Day / Night:	D
	DEWSBURY Rd	Time on site:	0945
	LEEDS LS11 5SX	Time off site:	
Site Address:	DURHAM Rd SCHOOL		
	CLEBELANDS		
	NEWPORT		

Description of works being undertaken (Plan of work) or reasons for air monitoring:
REASSURANCE AIR TESTING TO BOUNDARY OF CONSTRUCTION AREA TO CONTAMINATED LAND.

Additional Comments: CLIENT CHOSE SAMPLE POINTS. EXTERNAL SAMPLING CARRIED OUT IN SEVERE RAIN.

Analysis in base, site, mobile lab:	MOBILE	Reg. No if mobile lab:	YE07 YKU
Microscope No:	MS10	Rotameter No:	ROTA 6
S 12 Stage Micrometer No:	SM3	Graticule Diameter:	99.9 µm
N.P.L Test Slide No:	TS03	Band Resolution:	6
Timer No:	TP10	Tally Counter No's:	TC3 TC4
Barometer No:	BR04	Thermometer No:	TH12
Exposed Filter Diameter:	22.4	Field Blank Required?	N

Methodology
Sampling and analysis carried out in accordance with: Asbestos: The Analysts' Guide for Sampling, analysing and clearance procedures (HSG 248), and our own documented in-house procedures

Limit of Detection
The limit of detection for a sample volume equal to or greater than 480 litres and 200 graticule areas examined will be expressed as 0.010 respirable fibres / ml of air. For sample volumes below 480 litres, an appropriate limit of detection will apply

White: Office Yellow: Client Pink: Site TF2001/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH Company [illegible]
Tel: +44(0) 208 8058282 Fax: +44(0) 208 8052470

UKAS TESTING 2329

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No: TSD 0859 Job No: M020862

Job Title: CLEVELAND FFI Date of test: 5-8-08

Sample Number TSD	Pump Number HF	Start Time	Temp (°C)	Pressure (mbar)	Finish Time	Duration (Min)	Intermediate Flow Rate (L/Min)					Corrected Flow (Y/N)
							Start	60min	120min	180min	Finish	
0269	035	1005	21	1009	1105	60	8.0				8.0	N
0270	037	1009	21	1009	1109	60	8.0				8.0	N
0271	039	1012	21	1009	1112	60	8.0				8.0	N
0272	035	1107	21	1009	1207	60	8.0				8.0	N
0273	037	1110	21	1009	1210	60	8.0				8.0	N
0274	038	1113	21	1009	1213	60	8.0				8.0	N
0275	013	1315	21	1009	1615	60	8.0				8.0	N
0276	039	1317	21	1009	1417	60	8.0				8.0	N
0277	040	1320	21	1009	1420	60	8.0				8.0	N
0278	013	1416	21	1009	1516	60	8.0				8.0	N
0279	039	1418	21	1009	1518	60	8.0				8.0	N
0280	040	1421	21	1009	1521	60	8.0				8.0	N

Sample Number TSD	Location (refer to plan)	Test Type*	Volume (Litres)	Fibres	Fields	Calculated Result (Fibres/ml)	Reported Result (Fibres/ml)	Satisfactory** (Y / N / NA)
0269	AM2	R	480	2	200	0.001	<0.010	Y
0270	AM1	R	480	1	200	0.001	<0.010	Y
0271	AM3	R	480	2	200	0.001	<0.010	Y
0272	AM2	R	480	2	200	0.001	<0.010	Y
0273	AM1	R	480	6	200	0.003	<0.010	Y
0274	AM3	R	481	3	200	0.002	<0.010	Y
0275	AM2	R	480	2	200	0.001	<0.010	Y
0276	AM1	R	480	3	200	0.002	<0.010	Y
0277	AM3	R	480	1	200	0.001	<0.010	Y
0278	AM2	R	480	OCCLUDED		- RAIN	DAMAGE -	NO WORK!
0279	AM1	R	480	..	-	- NO WORK TO SITE - TOO WET		
0280	AM3	R	480	9	200	0.005	<0.010	Y

* (B) Background (R) Reassurance (L) Leak (C) Clearance (P) Personal (FB) Field Blank

** Calculated result below the clearance indicator level. Note, not applicable for some types of test e.g. Personal testing

Sampled By: T. SARGENT-DAVIES

Analysed By: "

Signature:

Date: 5-9-08

Page of

White: Office Yellow: Client Pink: Site

FB001/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH Company no: 3352785
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E260/0809

UKAS TESTING 2329

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No:	SW 84/08	Job No:	
Job Title:	GLEBELANDS PFI, NEWPORT	Date of test:	12/8/08
Client:	NORWEST HOLST	Shift No: (if appl)	N/A
Client Address:		Day / Night:	DAY.
		Time on site:	9.30 AM
		Time off site:	3.30 PM
Site Address:	GLEBELANDS PFI, BANK ST, NEWPORT, GWENT, WALES		

Description of works being undertaken (Plan of work) or reasons for air monitoring:
ONGOING EXCAVATION WORKS ON "BROWNFIELD" CONSTRUCTION SITE. GROUND IS KNOWN TO CONTAIN ASBESTOS MATERIALS FROM PREVIOUS LANDFILL USE. REASSURANCE TESTS TO BE UNDERTAKEN AT 3 NO CLIENT PRESCRIBED LOCATIONS ON SITE: AM1, AM2 AND AM3. NO PERSONAL MONITORING REQUIRED ON THIS VISIT.

Additional Comments:
(1) ON DAY OF TEST: WET WEATHER CONDITIONS. GROUND SATURATED FROM PREVIOUS DAYS OF HEAVY RAIN ON SITE.

Analysis in base, site, mobile lab:	SITE	Reg. No if mobile lab:	N/A
Microscope No:	MS 17	Rotameter No:	ROTA 2+9
S 12 Stage Micrometer No:	SM2	Graticule Diameter:	98 µm
N.P.L Test Slide No:	TS 07	Band Resolution:	5
Timer No:	TP 4	Tally Counter No's:	TC 4, 5
Barometer No:	BR 3	Thermometer No:	TH 2
Exposed Filter Diameter:	22.4mm	Field Blank Required?	N

Methodology
Sampling and analysis carried out in accordance with: Asbestos: The Analysts' Guide for Sampling, analysing and clearance procedures (HSG 248), and our own documented in-house procedures

Limit of Detection
The limit of detection for a sample volume equal to or greater than 480 litres and 200 graticule areas examined will be expressed as 0.010 respirable fibres / ml of air. For sample volumes below 480 litres, an appropriate limit of detection will apply

White: Office Yellow: Client Pink: Site

FIB001/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH **Company no:** 3352785
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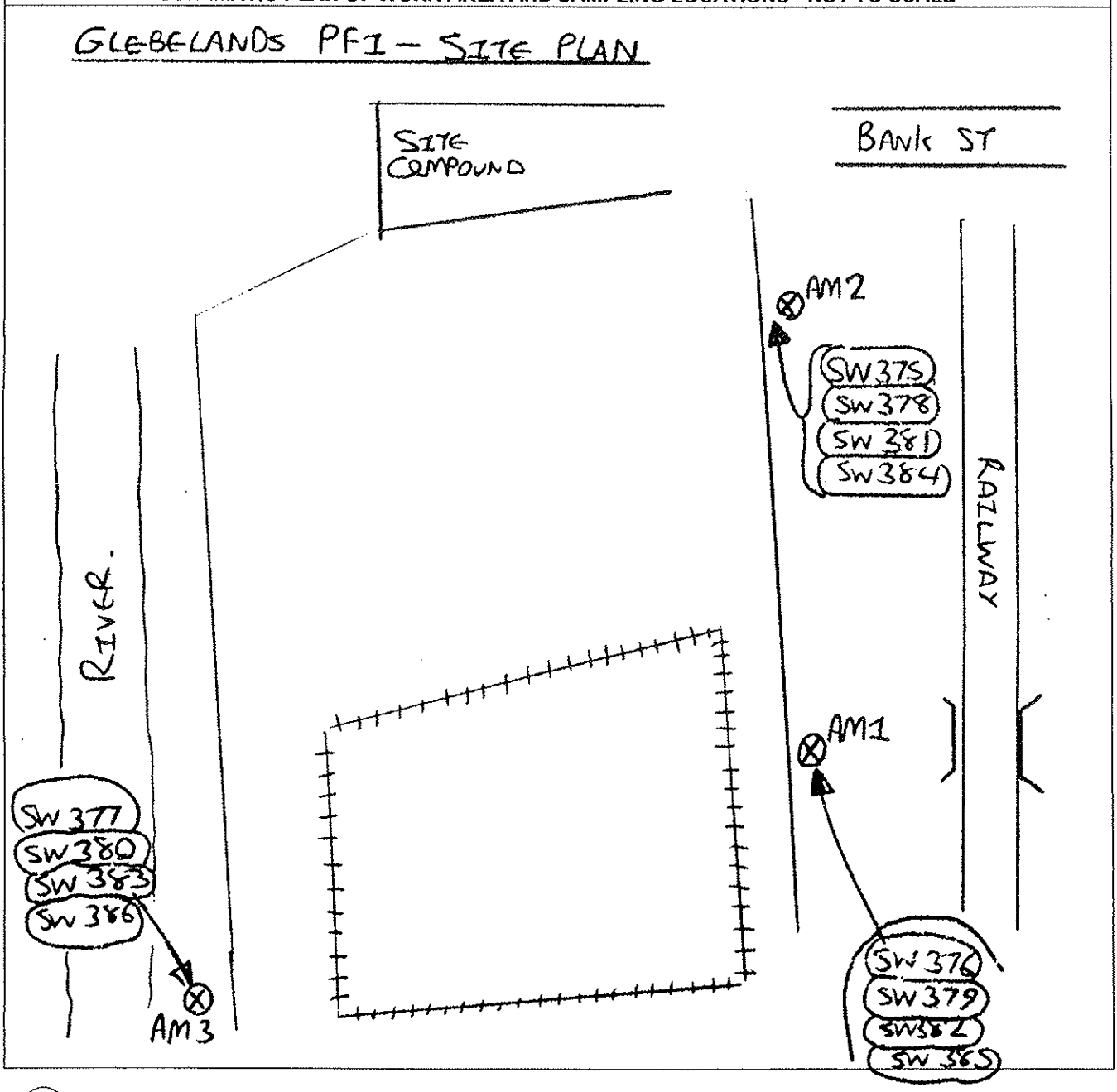
UKAS TESTING
2329

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No:	SW84/08	Job No:	
Job Title:	GLEBELANDS PFI, NEWPORT	Date of test:	12/08/08

SCHEMATIC PLAN OF WORK AREA AND SAMPLING LOCATIONS - NOT TO SCALE



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FIB001/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH **Company no:** 3352785
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UKAS TESTING 2329

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No: SW 84/08 Job No:

Job Title: GLEBELANDS PH1, NEWPORT Date of test: 12/08/08

Sample Number	Pump Number	Start Time	Temp (°C)	Pressure (mbar)	Finish Time	Duration (Min)	Intermediate Flow Rate (L/Min) Start	60min	120min	180min	Finish	Corrected Flow (Y/N)
SW375	HF10	1022	20	986	1124	62	8·0				8·0	N
SW376	HF16	1027	20	986	1129	62	8·0				7·8	N
SW377	HF18	1033	20	986	1136	63	8·0				8·0	N
SW378	HF10	1125	22	987	1227	62	8·0				8·0	N
SW379	HF16	1130	22	987	1232	62	8·0				7·6	N
SW380	HF18	1136	22	987	1240	64	8·0				8·0	N
SW381	HF11	1229	21	987	1333	64	8·0				8·0	N
SW382	HF14	1235	21	987	1338	63	8·0				8·3	N
SW383	HF17	1242	21	987	1346	64	8·0				8·1	N
SW384	HF11	1333	20	987	1440	67	8·0				7·6	N
SW385	HF14	1338	20	987	~~1442~~ 14:46	68	8·0				7·8	N
SW386	HF17	1347	20	987	1451	64	8·0				7·7	N

Sample Number	Location (refer to plan)	Test Type*	Volume (Litres)		Fibres	Fields	Calculated Result (Fibres/ml)	Reported Result (Fibres/ml)	Satisfactory** (Y / N / NA)
SW375	AM 2	R	496	—	1½	194	0·001	<0·01	Y
SW376	AM 1	R	490	—	2	196	0·001	<0·01	Y
SW377	AM 3	R	504	—	1	191	0·001	<0·01	Y
SW378	AM 2	R	496	—	1	194	0·001	<0·01	Y
SW379	AM 1	R	484	—	1½	198	0·001	<0·01	Y
SW380	AM 3	R	512	—	1	188	0·001	<0·01	Y
SW381	AM 2	R	512	—	0	188	0·001	<0·01	Y
SW382	AM 1	R	513	—	1½	187	0·001	<0·01	Y
SW383	AM 3	R	515	—	2	186	0·001	<0·01	Y
SW384	AM 2	R	523	—	1	184	0·001	<0·01	Y
SW385	AM 1	R	537	—	0	179	0·000	<0·01	Y
SW386	AM 3	R	502	—	1	191	0·001	<0·01	Y

* (B) Background (R) Reassurance (L) Leak (C) Clearance (P) Personal (FB) Field Blank

** Calculated result below the clearance indicator level. Note, not applicable for some types of test e.g. Personal testing

Sampled By: STEPHEN WINGROVE

Analysed By: STEPHEN WINGROVE

Signature: SC

Date: 12/08/08

White: Office Yellow: Client Pink: Site

FIB001/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH **Company no:** 3352785
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UKAS TESTING
2329

(10) C260/0840

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No:	T10065	Job No:	02752
Job Title:	CLOBELAND PH1	Date of test:	21-2-08
Client:	MORRISON HOME	Shift No: (if appl)	n/a
Client Address:	PARKSIDE LANE	Day / Night:	DAY
	DEWSBURY ROAD	Time on site:	0930
	LEEDS LS11 5SX	Time off site:	1630
Site Address:	CLOBELAND PH		
	BURNHAM ROAD SLOUGH		
	BERKS CW2		

Description of works being undertaken (Plan of work) or reasons for air monitoring:

PERFORMANCE AIR MONITORING TO REMOVE ENCAPSULANT FROM CEILING FOR COMPLETION WORKS TO CONTINUE AND LAND.

Additional Comments:

N/A

Analysis in base, site, mobile lab:	BASE	Reg. No if mobile lab:	
Microscope No:	MS 10	Rotameter No:	ROTA 6
S 12 Stage Micrometer No:	S12 1	Graticule Diameter:	19.9 µm
N.P.L Test Slide No:	TS 1	Band Resolution:	6
Timer No:	TM 10	Tally Counter No's:	TC1, TC2
Barometer No:	MAN	Thermometer No:	TH1
Exposed Filter Diameter:	22.5	Field Blank Required?	NO

Methodology
Sampling and analysis carried out in accordance with: Asbestos: The Analysts' Guide for Sampling, analysing and clearance procedures (HSG 248), and our own documented in-house procedures

Limit of Detection
The limit of detection for a sample volume equal to or greater than 480 litres and 200 graticule areas examined will be expressed as 0.010 respirable fibres / ml of air. For sample volumes below 480 litres, an appropriate limit of detection will apply.

White: Office Yellow: Client Pink: Site

Registered address: Devonshire Court, Unit 8 Fountain Drive, Mead Lane Industrial Estate, Hertford, Hertfordshire SG13 7UB **Company no:** 3352785
Tel: +44(0) 1992 503777 Fax: +44(0) 1992 503117

ASBESTOS SAMPLING & ANALYSIS REPORT

UKAS TESTING 2329

MANESTREAM LTD

Report No: 150865 Job No: 021963

Job Title: Clerkenwell DM Date of test: 21-8-07

Sample Number	Pump Number	Start Time	Temp (°C)	Pressure (mbar)	Finish Time	Duration (Min)	Intermediate Flow Rate (L/Min)					Corrected Flow (Y/N)
							Start	60min	120min	180min	Finish	
0308	36	0951	19	1017	1051	60	5.0	5.0			5.0	Y
0309	32	0956	19	1017	1056	60	5.0	5.0			5.0	Y
0310	39	0959	19	1017	1059	60	5.0	5.0			5.0	Y
0311	36	1051	21	1017	1151	60	5.0	5.0			5.0	Y
0312	32	1055	21	1017	1155	60	5.0	5.0			5.0	Y
0313	39	1059	21	1017	1159	60	5.0	5.0			5.0	Y
0314	38	1216	24	1017	1316	60	5.0	5.0			5.0	Y
0315	40	1220	24	1017	1320	60	5.0	5.0			5.0	Y
0316	35	1226	25	1017	1326	60	5.0	5.0			5.0	Y
0317	37	1402	26	1017	1502	60	5.0	5.0			5.0	Y
0318	40	1407	26	1017	1507	60	5.0	5.0			5.0	Y
0319	35	1416	26	1017	1510	60	5.0	5.0			5.0	Y

Sample Number	Location (refer to plan)	Test Type*	Volume (Litres)	Fields	Fibres	Calculated Result (Fibres/ml)	Reported Result (Fibres/ml)	Satisfactory** (Y / N / NA)
0301	Area 2	A	600	200	1	0.001	<0.010	Y
0302	Area 3	A	590	200	4	0.007	<0.010	Y
0310	Area 1	A	600	200	3	0.005	<0.010	Y
0311	Area 2	A	600	200	2	0.003	<0.010	Y
0312	Area 3	A	600	200	3	0.005	<0.010	Y
0313	Area 1	A	600	200	5	0.009	<0.010	Y
0314	Area 2	A	600	200	3	0.005	<0.010	Y
0315	Area 3	A	600	200	4	0.007	<0.010	Y
0316	Area 1	A	600	200	3	0.005	<0.010	Y
0317	Area 2	A	600	200	1	0.002	<0.010	Y
0318	Area 3	A	600	200	4	0.007	<0.010	Y
0319	Area 1	A	600	200	2	0.003	<0.010	Y

* (B) Background (R) Reassurance (L) Leak (C) Clearance (P) Personal (FB) Field Blank

** Calculated result below the clearance indicator level. Note, not applicable for some types of test e.g. Personal testing

Sampled By: T. GARROTT-DAVIES

Analysed By: T. GARROTT-DAVIES

Signature:

Date: 21-8-07

White: Office Yellow: Client Pink: Site

FIB001/REV1/05-11-07

Registered address: Devonshire Court, Unit 8 Fountain Drive, Mead Lane Industrial Estate, Hertford, Hertfordshire SG13 7UB Company no: 3352785
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C260/894

UKAS TESTING 2329

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No:	CM8808	Job No:	021937
Job Title:	GLEBELANDS PFI, NEWPORT.	Date of test:	26-08-2008
Client:	NORTHEST HOLT	Shift No: (if appl)	N/A
Client Address:	PARKSIDE LANE	Day / Night:	DAY
	DENSBURY ROAD	Time on site:	1300
	LEEDS	Time off site:	1545
Site Address:	GLEBELANDS PFI, BANK STREET		
	NEWPORT, GWENT		
	SOUTH WALES.		

Description of works being undertaken (Plan of work) or reasons for air monitoring:

ON GOING EXCAVATION WORKS ON 'BROWN AILD' CONSTRUCTION SITE. GROUND IS KNOWN TO CONTAIN ASBESTOS MATERIALS FROM PREVIOUS LAND FILL USE.
REASSURANCE TEST UNDERTAKEN AT PRESCRIBED LOCATIONS ON SITE: AM1, AM2, & AM3. NO PERSONAL MONITORING REQUESTED/REQUIRED THIS SITE VISIT. ——— END

Additional Comments:

ON DAY OF TEST: RAINED LIGHTLY & MILD WINDS. GROUND SATURATED FROM PREVIOUS DAYS OF RAIN. ——— END

Analysis in base, site, mobile lab:	MOBILE LAB	Reg. No if mobile lab:	PX57 YXW
Microscope No:	MS21	Rotameter No:	ROTA10
S 12 Stage Micrometer No:	SM07	Graticule Diameter:	160 µm
N.P.L Test Slide No:	TS04	Band Resolution:	5
Timer No:	TM07	Tally Counter No's:	TC10 & TC11
Barometer No:	BA06	Thermometer No:	TH06
Exposed Filter Diameter:	22-4	Field Blank Required?	NO.

Methodology
Sampling and analysis carried out in accordance with: Asbestos: The Analysts' Guide for Sampling, analysing and clearance procedures (HSG 248), and our own documented in-house procedures

Limit of Detection
The limit of detection for a sample volume equal to or greater than 480 litres and 200 graticule areas examined will be expressed as 0.010 respirable fibres / ml of air. For sample volumes below 480 litres, an appropriate limit of detection will apply

White: Office Yellow: Client Pink: Site FB001/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH **Company no:** 3352785
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UKAS TESTING 2329

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No: CM8808 Job No: 02937

Job Title: GLEBELANDS AFI Date of test: 26-08-2008

Sample Number	Pump Number	Start Time	Temp (°C)	Pressure (mbar)	Finish Time	Duration (Min)	Intermediate Flow Rate (L/Min) Start	60min	120min	180min	Finish	Corrected Flow (Y/N)
CM760	HF008	1350	22	1001	1354	34	14·0				14·0	No
CM761	HF007	1351	22	1001	1355	34	14·0				14·0	No
CM762	HF001	1330	22	1001	1404	34	14·0				14·0	No
CM763	HF005	1331	22	1001	1405	34	14·0				14·0	No
CM764	HF009	1335	22	1001	1409	34	14·0				14·0	No
CM765	HF006	1336	22	1001	1410	34	14·0				14·0	No
CM766	HF008	1354	21	998	1428	34	14·0				14·0	No
CM767	HF007	1355	21	998	1429	34	14·0				14·0	No
CM768	HF001	1404	21	998	1438	34	14·0				14·0	No
CM769	HF005	1405	21	998	1439	34	14·0				14·0	No
CM770	HF009	1409	21	998	1443	34	14·0				14·0	No
CM771	HF006	1410	21	998	1444	34	14·0				14·0	No

Sample Number	Location (refer to plan)	Test Type*	Volume (Litres)	Fibres	Fields	Calculated Result (Fibres/ml)	Reported Result (Fibres/ml)	Satisfactory** (Y / N / NA)
CM760	AM POINT 1	RT	480	3½	200	0·002	<0·01	YES
CM761	AM POINT 1	RT	480	2½	200	0·001	<0·01	YES
CM762	AM POINT 1	RT	480	1	200	0·001	<0·01	YES
CM763	AM POINT 2	RT	480	1½	200	0·001	<0·01	YES
CM764	AM POINT 3	RT	480	or 5	200	0·003	<0·01	YES
CM765	AM POINT 3	RT	480	1	200	0·001	<0·01	YES
CM766	AM POINT 1	RT	480	or 2½	200	0·001	<0·01 or	YES
CM767	AM POINT 1	RT	480	1/2	200	0·001	<0·01	YES
CM768	AM POINT 2	RT	480	1½	200	0·001	<0·01	YES
CM769	AM POINT 2	RT	480	2	200	0·001	<0·01	YES
CM770	AM POINT 3	RT	480	1½	200	0·001	<0·01	YES
CM771	AM POINT 3	RT	480	2	200	0·001	<0·01	YES

* (B) Background (R) Reassurance (L) Leak (C) Clearance (P) Personal (FB) Field Blank

** Calculated result below the clearance indicator level. Note, not applicable for some types of test e.g. Personal testing

Sampled By: C. METCALF

Analysed By: C. METCALF

Signature:

Date: 26-08-2008

White: Office Yellow: Client Pink: Site FIB001/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH Company no: 3352785
Tel: +44(0) 208 8058282 Fax: +44(0) 208 8052470

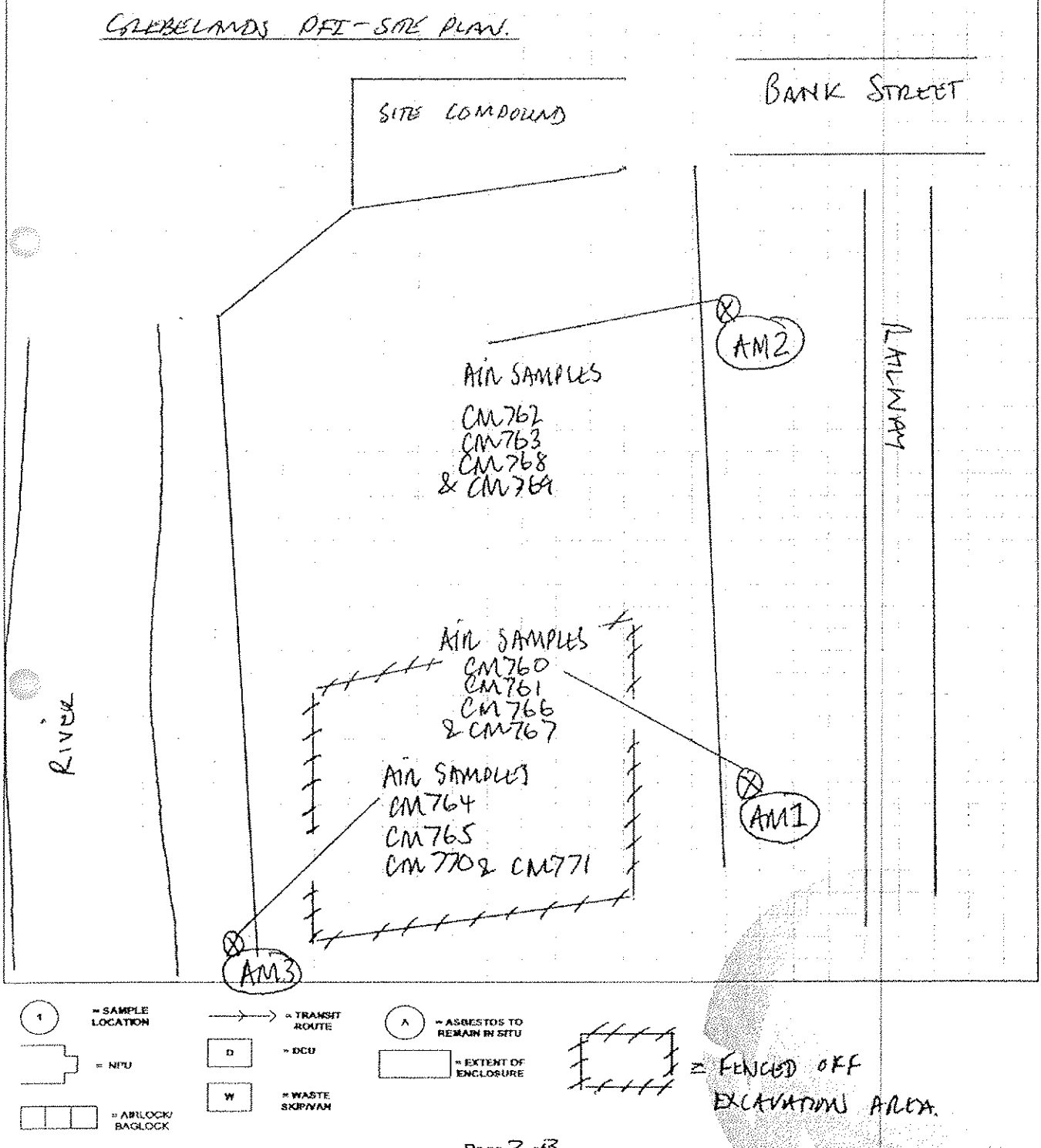
UKAS TESTING
2329

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No:	CM8608	Job No:	021937
Job Title:	CALEDONIAN PFI	Date of test:	26-08-2008

SCHEMATIC PLAN OF WORK AREA AND SAMPLING LOCATIONS - NOT TO SCALE



White: Office Yellow: Client Pink: Site

FIB001/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH **Company no:** 3352785
Tel: +44(0) 208 8058282 Fax: +44(0) 208 8052470

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ASBESTOS SAMPLING & ANALYSIS REPORT

MANSTREAM LTD

Report No:		Job No:	
Job Title:		Date of test:	
Client:		Shift No: (if appl)	
Client Address:		Day / Night:	
		Time on site:	
		Time off site:	
Site Address:			

Description of works being undertaken (Plan of work) or reasons for air monitoring:

Additional Comments:

Analysis in base, site, mobile lab:		Reg. No if mobile lab:	
Microscope No:		Rotameter No:	
S 12 Stage Micrometer No:		Graticule Diameter:	µm
N.P.L Test Slide No:		Band Resolution:	
Timer No:		Tally Counter No's:	
Barometer No:		Thermometer No:	
Exposed Filter Diameter:		Field Blank Required?	

Methodology
Sampling and analysis carried out in accordance with: Asbestos: The Analysts' Guide for Sampling, analysing and clearance procedures (HSG 248), and our own documented in-house procedures

Limit of Detection
The limit of detection for a sample volume equal to or greater than 480 litres and 200 graticule areas examined will be expressed as 0.010 respirable fibres / ml of air. For sample volumes below 480 litres, an appropriate limit of detection will apply

White: Office Yellow: Client Pink: Site

Registered address: Devonshire Court, Unit 8 Fountain Drive, Mead Lane Industrial Estate, Hertford, Hertfordshire SG13 7UB **Company no:** 3352785
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ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No:

Job No:

Job Title:

Date of test:

Sample Number TCO	Pump Number HC	Start Time	Temp (°C)	Pressure (mbar)	Finish Time	Duration (Min)	Intermediate Flow Rate (L/Min)					Corrected Flow (Y/N)
							Start	60min	120min	180min	Finish	

Sample Number TCO	Location (refer to plan)	Test Type*	Volume (Litres)		Fields	Fibres	Calculated Result (Fibres/ml)	Reported Result (Fibres/ml)	Satisfactory** (Y / N / NA)

* (B) Background (R) Reassurance (L) Leak (C) Clearance (P) Personal (FB) Field Blank

** Calculated result below the clearance indicator level. Note, not applicable for some types of test e.g. Personal testing

Sampled By:

Analysed By:

Signature:

Date:

White: Office Yellow: Client Pink: Site

Registered address: Devonshire Court, Unit 8 Fountain Drive, Mead Lane Industrial Estate, Hertford, Hertfordshire SG13 7UB **Company no:** 3352785
Tel: +44(0) 1992 503777 Fax: +44(0) 1992 503117

UKAS TESTING
2329

ED60/0962

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No:		Job No:	
Job Title:		Date of test:	
Client:		Shift No: (if appl)	
Client Address:		Day / Night:	
		Time on site:	
		Time off site:	
Site Address:			

Description of works being undertaken (Plan of work) or reasons for air monitoring:
Additional Comments:

Analysis in base, site, mobile lab:		Reg. No if mobile lab:	
Microscope No:		Rotameter No:	
S 12 Stage Micrometer No:		Graticule Diameter:	μm
N.P.L Test Slide No:		Band Resolution:	
Timer No:		Tally Counter No's:	
Barometer No:		Thermometer No:	
Exposed Filter Diameter:		Field Blank Required?	

Methodology
Sampling and analysis carried out in accordance with: Asbestos: The Analysts' Guide for Sampling, analysing and clearance procedures (HSG 248), and our own documented in-house procedures

Limit of Detection
The limit of detection for a sample volume equal to or greater than 480 litres and 200 graticule areas examined will be expressed as 0.010 respirable fibres / ml of air. For sample volumes below 480 litres, an appropriate limit of detection will apply

White: Office Yellow: Client Pink: Site FIB001/REV1/05-11-07

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Tel: +44(0) 1992 503777 Fax: +44(0) 1992 503117

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ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No:

Job No:

Job Title:

Date of test:

Sample Number	Pump Number	Start Time	Temp (°C)	Pressure (mbar)	Finish Time	Duration (Min)	Intermediate Flow Rate (L/Min)					Corrected Flow (Y/N)
							Start	60min	120min	180min	Finish	

Sample Number	Location (refer to plan)	Test Type*	Volume (Litres)		Fields	Fibres	Calculated Result (Fibres/ml)	Reported Result (Fibres/ml)	Satisfactory** (Y / N / NA)

* (B) Background (R) Reassurance (L) Leak (C) Clearance (P) Personal (FB) Field Blank

** Calculated result below the clearance indicator level. Note, not applicable for some types of test e.g. Personal testing

Sampled By:

Analysed By:

Signature:

Date:

White: Office Yellow: Client Pink: Site

Registered address: Devonshire Court, Unit 6 Fountain Drive, Mead Lane Industrial Estate, Hertford, Hertfordshire SG13 7UB Company no: 3352785
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E266/0993

ASBESTOS SAMPLING & ANALYSIS REPORT

UKAS TESTING 2329

MANESTREAM LTD

Report No:	SW 101/08	Job No:	02193-7
Job Title:	GLEBELANDS P.F.I, NEWPORT	Date of test:	16/9/09
Client:	NORWEST HOLST	Shift No: (if appl)	N/A
Client Address:		Day / Night:	DAY
		Time on site:	09:45
		Time off site:	15:45
Site Address:	GLEBELANDS P.F.I, BANK ST, NEWPORT, GWENT		

Description of works being undertaken (Plan of work) or reasons for air monitoring:
REASSURANCE AIR MONITORING UNDERTAKEN AT 3 NO CLIENT PRESCRIBED LOCATIONS (AM1, AM2 AND AM3) ON BROWNFIELD CONSTRUCTION SITE. EXCAVATIONS ONGOING ON SITE, GROUND KNOWN TO CONTAIN ASBESTOS CONTAINING MATERIALS (FORMERLY AN INDUSTRIAL / LANDFILL SITE).

Additional Comments:
(i) WEATHER CONDITIONS ON DATE OF TEST: DRY, NO APPRECIABLE WIND.
(ii) GROUND CONDITIONS. GROUND VERY WET DUE TO PREVIOUS MONTH PLUS OF HEAVY RAINFALL.

Analysis in base, site, mobile lab:	SITE	Reg. No if mobile lab:	N/A
Microscope No:	MS 17	Rotameter No:	2
S 12 Stage Micrometer No:	SM2	Graticule Diameter:	98 µm
N.P.L Test Slide No:	TS 07	Band Resolution:	5
Timer No:	TP 4	Tally Counter No's:	TC 05, 06
Barometer No:	BR 3	Thermometer No:	TH 2
Exposed Filter Diameter:	22.4 mm	Field Blank Required?	N

Methodology
Sampling and analysis carried out in accordance with: Asbestos: The Analysts' Guide for Sampling, analysing and clearance procedures (HSG 248), and our own documented in-house procedures

Limit of Detection
The limit of detection for a sample volume equal to or greater than 480 litres and 200 graticule areas examined will be expressed as 0.010 respirable fibres / ml of air. For sample volumes below 480 litres, an appropriate limit of detection will apply

White: Office Yellow: Client Pink: Site

FIB001/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH **Company no:** 3352785
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UKAS TESTING 2329

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No: SW 101/08 Job No: 021937

Job Title: GLEBELANDS P.F.I, NEWPORT Date of test: 16/9/09

Sample Number	Pump Number	Start Time	Temp (°C)	Pressure (mbar)	Finish Time	Duration (Min)	Intermediate Flow Rate (L/Min)					Corrected Flow (Y/N)
							Start	60min	120min	180min	Finish	
SW427	HF10	10:02	15	1022	11:08	66	8.0	—	—	—	7.8	N
SW428	HF 11	10:06	15	1022	11:14	68	8.0	—	—	—	8.2	N
SW429	HF 16	10:11	15	1022	11:18	67	8.0	—	—	—	8.0	N
SW430	HF10	11:08	17	1022	12:11	63	8.0	—	—	—	8.0	N
SW431	HF 11	11:14	17	1022	12:18	64	8.0	—	—	—	7.7	N
SW432	HF16	11:19	17	1022	12:22	63	8.0	—	—	—	8.0	N
SW433	HF14	12:11	18	1021	13:26	85	6.0	6.0	—	—	6.0	N
SW434	HF17	12:18	18	1021	13:40	82	6.0	6.0	—	—	5.9	N
SW435	HF18	12:23	18	1021	13:46	83	6.0	6.0	—	—	6.0	N
SW436	HF14	13:38	18	1021	14:47	68	8.0	—	—	—	7.8	N
SW437	HF17	13:42	18	1021	14:52	70	8.0	—	—	—	7.8	N
SW438	HF18	13:48	18	1021	14:56	68	8.0	—	—	—	7.7	N

Sample Number	Location (refer to plan)	Test Type*	Volume (Litres)	Fibres	Fields	Calculated Result (Fibres/ml)	Reported Result (Fibres/ml)	Satisfactory** (Y / N / NA)
SW427	AM 2	R	521 —	1	185	0.001	<0.01	Y
SW428	AM 1	R	551 —	0	174	0.000	<0.01	Y
SW429	AM 3	R	536 —	1½	179	0.001	<0.01	Y
SW430	AM 2	R	504 —	0	191	0.000	<0.01	Y
SW431	AM 1	R	502 —	1½	191	0.001	<0.01	Y
SW432	AM 3	R	504 —	2	191	0.001	<0.01	Y
SW433	AM 2	R	510 —	1½	188	0.001	<0.01	Y
SW434	AM 1	R	489 —	1	196	0.001	<0.01	Y
SW435	AM 3	R	498 —	1½	193	0.001	<0.01	Y
SW436	AM 2	R	537 —	1	179	0.001	<0.01	Y
SW437	AM 1	R	560 553 —	1	174	0.001	<0.01	Y
SW438	AM 3	R	534 —	2	180	0.001	<0.01	Y

* (B) Background (R) Reassurance (L) Leak (C) Clearance (P) Personal (FB) Field Blank

** Calculated result below the clearance indicator level. Note, not applicable for some types of test e.g. Personal testing

Sampled By: STEPHEN WINGROVE

Analysed By: STEPHEN WINGROVE

Signature: S. Cooper Date: 16/9/08

White: Office Yellow: Client Pink: Site

FIB001/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH **Company no:** 3352785
Tel: +44(0) 208 8058282 Fax: +44(0) 208 8052470

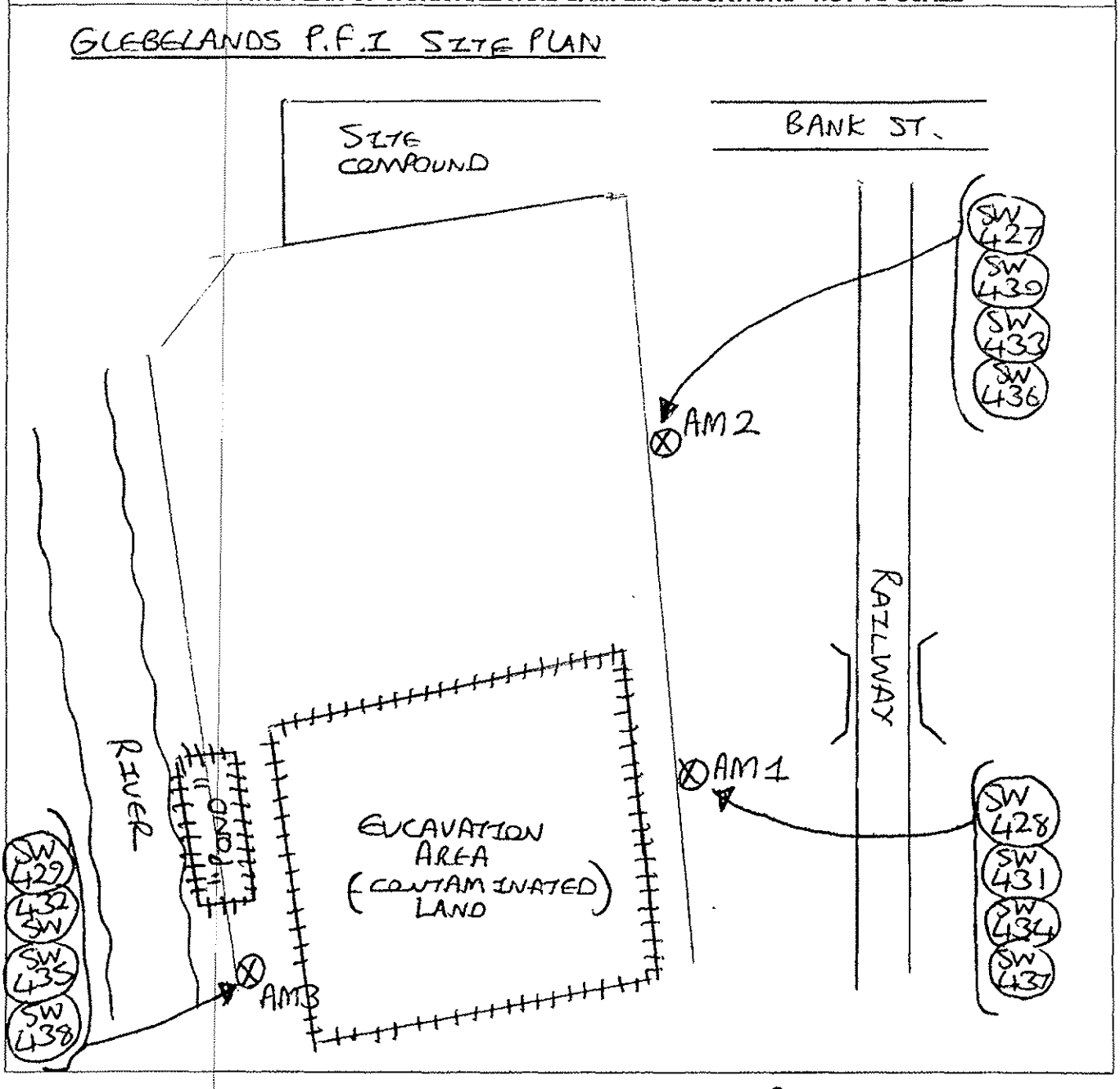
UKAS TESTING
2329

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No:	SW101/08	Job No:	021937
Job Title:	GLEBELANDS PFI, NEWPORT	Date of test:	16/9/08

SCHEMATIC PLAN OF WORK AREA AND SAMPLING LOCATIONS - NOT TO SCALE



1 = SAMPLE LOCATION
= NPU
= AIRLOCK/ BAGLOCK
→ = TRANSIT ROUTE
D = DCU
W = WASTE SKIP/VAN
A = ASBESTOS TO REMAIN IN SITU
= EXTENT OF ENCLOSURE

⊗ CLIENT PRESCRIBED AIR MONITORING LOCATIONS

= FENCED OFF AREA

White: Office Yellow: Client Pink: Site

FIB001/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH **Company no:** 3352785
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ASBESTOS SAMPLING & ANALYSIS REPORT

2329

MANESTREAM LTD

Report No: CM10408 Job No: 021937

Job Title: CLERKENWELL PFI Date of test: 14-10-2008

Sample Number	Pump Number	Start Time	Temp (°C)	Pressure (mbar)	Finish Time	Duration (Min)	Intermediate Flow Rate (L/Min)					Corrected Flow (Y/N)
							Start	60min	120min	180min	Finish	
CM874	HF005	1130	20	1013	1230	60	8·0				8·0	No
CM875	HF009	1131	20	1013	1231	60	8·0				8·0	No
CM876	HF001	1134	20	1013	1234	60	8·0				8·0	No
CM877	HF006	1135	20	1013	1235	60	8·0				8·0	No
CM878	HF007	1139	20	1013	1239	60	8·0				8·0	No
CM879	HF008	1140	20	1013	1240	60	8·0				8·0	No
CM880	HF005	1400	20	1013	1500	60	8·0				8·0	No
CM881	HF009	1401	20	1013	1501	60	8·0				8·0	No
CM882	HF007	1406	20	1013	1506	60	8·0				8·0	No
CM883	HF008	1407	20	1013	1507	60	8·0				8·0	No
CM884	HF001	1409	20	1013	1509	60	8·0				8·0	No
CM885	HF006	1411	20	1013	1511	60	8·0				8·0	No

Sample Number	Location (refer to plan)	Test Type*	Volume (Litres)	Fibres	Fields	Calculated Result (Fibres/ml)	Reported Result (Fibres/ml)	Satisfactory** (Y / N / NA)
CM874	AM 1	R	480	1½	200	0·001	<0·01	Yes
CM875	AM 1	R	480	1	200	0·001	<0·01	Yes
CM876	AM 3	R	480	2	200	0·001	<0·01	Yes
CM877	AM 3	R	480	2	200	0·001	<0·01	Yes
CM878	AM 2	R	480	½	200	0·001	<0·01	Yes
CM879	AM 2 (See Plan)	R	480	3	200	0·002	<0·01	Yes
CM880	AM 1	R	480	1½	200	0·001	<0·01	Yes
CM881	AM 1	R	480	2	200	0·001	<0·01	Yes
CM882	AM 3	R	480	2½	200	0·001	<0·01	Yes
CM883	AM 3	R	480	½	200	0·001	<0·01	Yes
CM884	AM 2	R	480	1½	200	0·001	<0·01	Yes
CM885	AM 2	R	480	3	200	0·002	<0·01	Yes

* (B) Background (R) Reassurance (L) Leak (C) Clearance (P) Personal (FB) Field Blank

** Calculated result below the clearance indicator level. Note, not applicable for some types of test e.g. Personal Sampling

Sampled By: C. METCALF

Analysed By: C. METCALF

Signature:

Date: 14-10-2008

White: Office Yellow: Client Pink: Site FB001/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH Company no: 3262785
Tel: +44(0) 208 8058282 Fax: +44(0) 208 8052470

E260/1149

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ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No:	CMD/08	Job No:	021937
Job Title:	CLEBELANDS PFI	Date of test:	18-10-2008
Client:	NORWEST HOLST	Shift No: (if appl)	N/A
Client Address:	PARKSIDE LANE	Day / Night:	DAY
	DENSBURY ROAD, LEEDS	Time on site:	1100
	LS11 6SX	Time off site:	
Site Address:	CLEBELANDS PFI		
	BANK STREET, NEWPORT		
	GWENT		

Description of works being undertaken (Plan of work) or reasons for air monitoring:

CONTINUED EXCAVATION WORKS ON BROWNFIELD SITE. LOCATION KNOWN TO CONTAIN ASBESTOS MATERIALS FROM PREVIOUS LANDFILL USE. REPRESENTATIVE TASK DURATION AT 2HR. CLIENT (ARRIVED) LOCATIONS: AM1, AM2, AM3.

No PERSONAL TESTS REQUIRED ON THIS VISIT.

Additional Comments:

WEATHER ON DAY OF TESTS:- CLOUDY WITH STRONG BREEZE, CALMING DAMP & OCCASIONAL RAIN.

ALL ASSETS SATISFACTORY TO HAND.

Analysis in base, site, mobile lab:	MOBILE LAB	Reg. No if mobile lab:	PX57 YXW
Microscope No:	MS21	Rotameter No:	ROTA10
S 12 Stage Micrometer No:	SM87	Graticule Diameter:	100 µm
N.P.L Test Slide No:	17304	Band Resolution:	5
Timer No:	TP07	Tally Counter No's:	TC10 & TC11
Barometer No:	B406	Thermometer No:	TH06
Exposed Filter Diameter:	22-4	Field Blank Required?	NO

Methodology
Sampling and analysis carried out in accordance with: Asbestos: The Analysts' Guide for Sampling, analysis and clearance procedures (HSG 248), and our own documented in-house procedures

Limit of Detection
The limit of detection for a sample volume equal to or greater than 480 litres and 200 graticule areas examined will be expressed as 0.010 respirable fibres / ml of air. For sample volumes below 480 litres, an appropriate limit of detection will apply.

White: Office Yellow: Client Pink: Site FES001/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH Company no: [illegible]
Tel: +44(0) 208 8058282 Fax: +44(0) 208 8052470

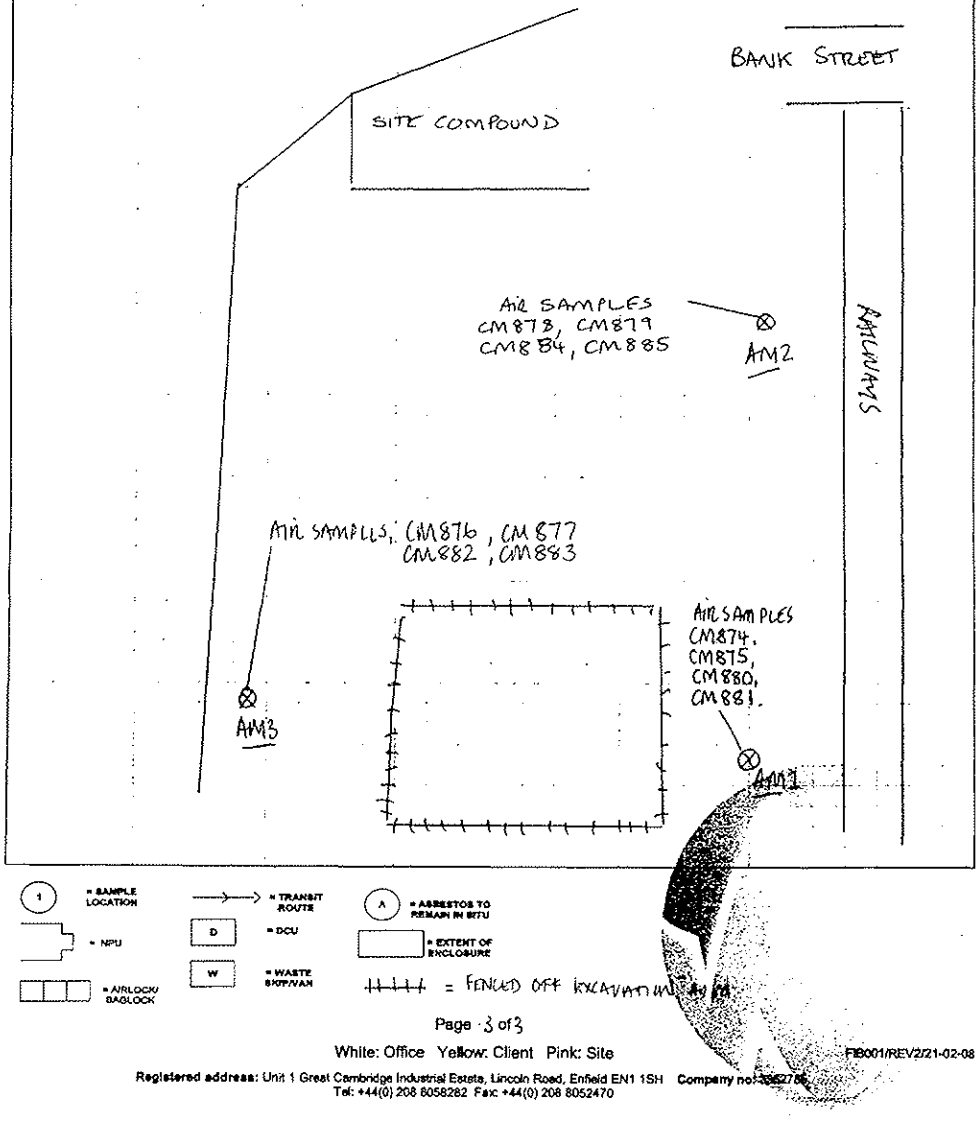
ASBESTOS SAMPLING & ANALYSIS REPORT

2329

MANESTREAM LTD

Report No:	CM10408	Job No:	621937
Job Title:	GLEBELANDS PFI	Date of test:	14-10-2008

SCHEMATIC PLAN OF WORK AREA AND SAMPLING LOCATIONS - NOT TO SCALE



White: Office Yellow: Client Pink: Site

FB001/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH Company no: 3952786
Tel: +44(0) 208 8058282 Fax: +44(0) 208 8052470

E260/1191

2329

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No:	CM10708	Job No:	625233
Job Title:	GLEBELANDS PFI, NEWPORT	Date of test:	21-10-2008
Client:	NEXTWEST HOUSE	Shift No: (if appl)	N/A
Client Address:	PARKSIDE LANE, DEWSBURY ROAD	Day / Night:	DAY
	LEEDS LS11 5SX	Time on site:	1100
		Time off site:	1530
Site Address:	GLEBELANDS PFI, BANK STREET		
	NEWPORT		
	SOUTH WALES,		

Description of works being undertaken (Plan of work) or reasons for air monitoring:

UNFINISHED EXCAVATION WORKS ON BROWNFIELD SITE. KNOWN TO CONTAIN ASBESTOS MATERIAL FROM PREVIOUS USE AS LANDFILL. REASSURANCE TEST TAKEN AT 3No. PRESCRIBED LOCATIONS AM1, AM2 & AM3.
NO PERSONNEL TESTED MONITORED ON THE VISIT.

Additional Comments:

WEATHER CONDITIONS ON DAY OF TESTING: DRY, SLIGHTLY WINDY, BRIGHT. GROUND SLIGHTLY DAMP FROM PREVIOUS DAYS RAINFALL.

ALL RESULTS SATISFACTORY <0.01f/ml.

Analysis in base, site, mobile lab:	MOBILE LAB	Reg. No if mobile lab:	PX57 PXW
Microscope No:	M821	Rotameter No:	ROTA10
S 12 Stage Micrometer No:	SM07	Graticule Diameter:	100 µm
N.P.L Test Slide No:	TS04	Band Resolution:	5
Timer No:	TT07	Tally Counter No's:	TC10 & TC11
Barometer No:	BA06	Thermometer No:	TT06
Exposed Filter Diameter:	22-4	Field Blank Required?	NO.

Methodology
Sampling and analysis carried out in accordance with: Asbestos: The Analysts' Guide for Sampling, analysis and clearance procedures (HSG 248), and our own documented in-house procedures

Limit of Detection
The limit of detection for a sample volume equal to or greater than 480 litres and 200 graticule areas examined will be expressed as 0.010 respirable fibres / ml of air. For sample volumes below 480 litres, an appropriate limit of detection will apply.

White: Office Yellow: Client Pink: Site

FB001/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH Company no: 3362785
Tel: +44(0) 208 8058282 Fax: +44(0) 208 8052470

ASBESTOS SAMPLING & ANALYSIS REPORT

2329

MANESTREAM LTD

Report No: CM10708 Job No: 025233

Job Title: RIVERSIDE PFI, NEWPORT Date of test: 21-10-08

Sample Number	Pump Number	Start Time	Temp (°C)	Pressure (mbar)	Finish Time	Duration (Min)	Intermediate Flow Rate (L/Min)					Corrected Flow (Y/N)
							Start	60min	120min	180min	Finish	
CM906	HF001	1130	20	1013	1230	60	8.0	—	—	—	8.0	No
CM907	HF005	1131	20	1013	1231	60	8.0	—	—	—	8.0	No
CM908	HF006	1132	20	1013	1232	60	8.0	—	—	—	8.0	No
CM909	HF007	1133	20	1013	1233	60	8.0	—	—	—	8.0	No
CM910	HF008	1136	20	1013	1236	60	8.0	—	—	—	8.0	No
CM911	HF009	1137	20	1013	1237	60	8.0	—	—	—	8.0	No
CM912	HF001	1350	20	1013	1410	60	8.0	—	—	—	8.0	No
CM913	HF005	1351	20	1013	1451	60	8.0	—	—	—	8.0	No
CM914	HF006	1356	20	1013	1456	60	8.0	—	—	—	8.0	No
CM915	HF007	1357	20	1013	1457	60	8.0	—	—	—	8.0	No
CM916	HF008	1400	20	1013	1500	60	8.0	—	—	—	8.0	No
CM917	HF009	1401	20	1013	1501	60	8.0	—	—	—	8.0	No

Sample Number	Location (refer to plan)	Test Type*	Volume (Litres)	Fibres	Fields	Calculated Result (Fibres/ml)	Reported Result (Fibres/ml)	Satisfactory** (Y / N / NA)
CM906	AM1	R	480	1/2	200	0.001	<0.01	Yes
CM907	AM1	R	460	0	200	0.001	<0.01	Yes
CM908	AM2	R	480	2	200	0.001	<0.01	Yes
CM909	AM2	R	480	2	200	0.001	<0.01	Yes
CM910	AM3	R	480	1 1/2	200	0.001	<0.01	Yes
911	AM3	R	480	3	200	0.001	<0.01	YES
CM912	AM1	R	480	2	200	0.001	<0.01	Yes
CM913	AM1	R	480	1 1/2	200	0.001	<0.01	Yes
CM914	AM2	R	480	2 1/2	200	0.001	<0.01	Yes
CM915	AM3	R	480	1	200	0.001	<0.01	Yes
CM916	AM3	R	480	1	200	0.001	<0.01	Yes
CM917	AM3	R	480	0	200	0.001	<0.01	Yes

SITE PLAN

* (B) Background (R) Reassurance (L) Leak (C) Clearance (P) Personal (FB) Field Blank

** Calculated result below the clearance indicator level. Note, not applicable for some types of test e.g. Personal testing

Sampled By: C. MCRAE

Analysed By: C MCRAE

Signature:

Date: 20-10-2008

White: Office Yellow: Client Pink: Site

F8001/REV2/21-02-08

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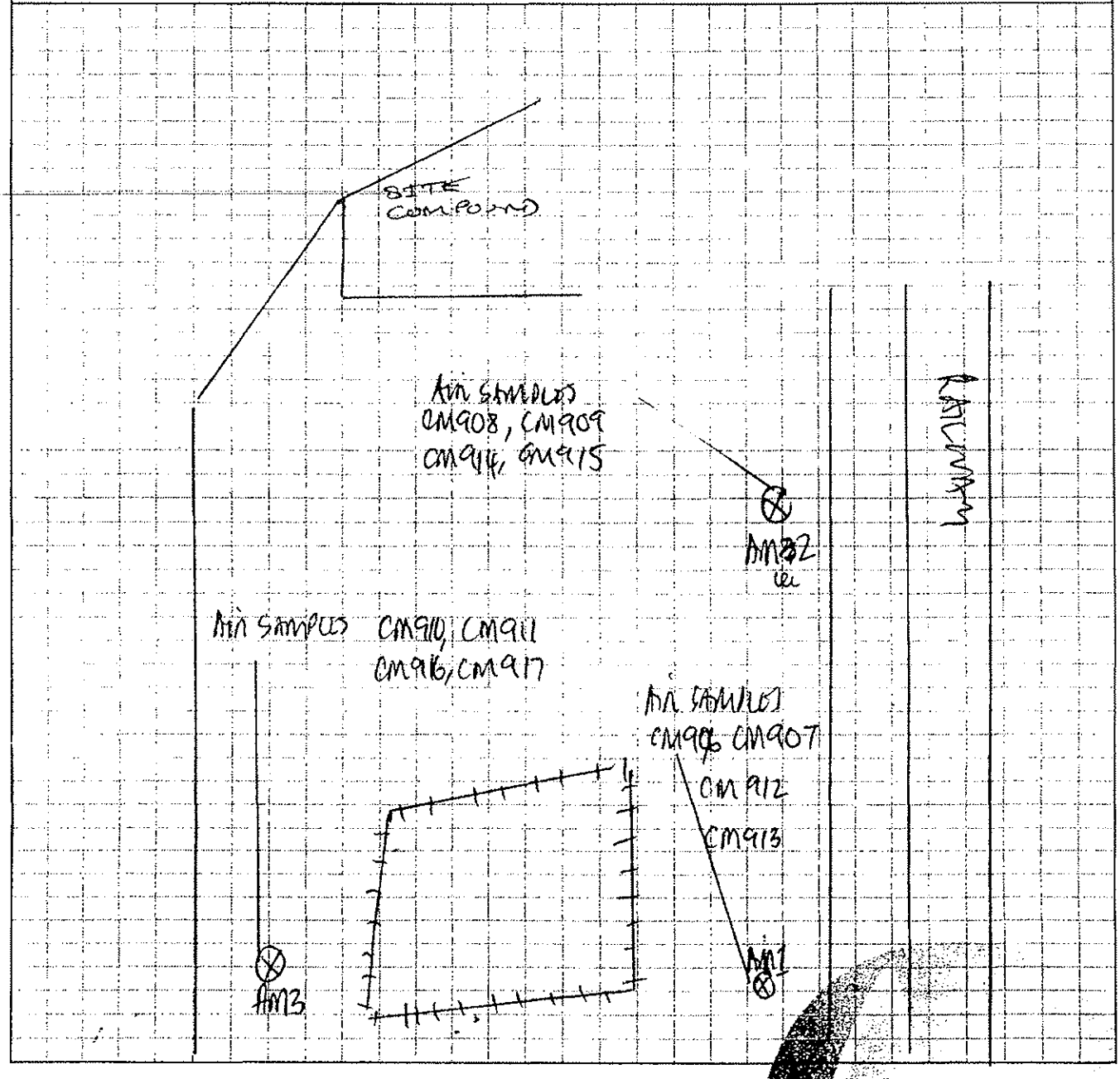
2329

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No:	CM0708	Job No:	025233
Job Title:	CARBERRYS PET, HARROW	Date of test:	21-10-2008

SCHEMATIC PLAN OF WORK AREA AND SAMPLING LOCATIONS - NOT TO SCALE



1 = SAMPLE LOCATION
= NPU
= AIRLOCK/ BAGLOCK
= TRANSIT ROUTE
D = DCU
W = WASTE SKIP/VAN
A = ASBESTOS TO REMAIN IN SITU
= EXTENT OF ENCLOSURE

White: Office Yellow: Client Pink: Site

FRM01/REV2/21-02-08

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH **Company no:** [illegible]
Tel: +44(0) 208 8058282 Fax: +44(0) 208 8052470

E260/1183

ASBESTOS SAMPLING & ANALYSIS REPORT

2329

MANESTREAM LTD

Report No:	GAHO CM11308	Job No:	025233
Job Title:	GLEBELANDS PFI, NEWPORT	Date of test:	28-10-2008
Client:	NORWEST HOLST	Shift No: (if appl)	NA
Client Address:	PARKSIDE LANE	Day / Night:	DAY
	DENSBURY ROAD	Time on site:	1100
	LEEDS LS11 5SX	Time off site:	1400
Site Address:	GLEBELANDS PFI		
	DANK STREET,		
	NEWPORT, SOUTH WALES		

Description of works being undertaken (Plan of work) or reasons for air monitoring:

CONTINUED EXCAVATION WORKS ON BROWNFIELD CONSTRUCTION SITE. EXCAVATION OF A PREVIOUS LANDFILL KNOWN TO CONTAIN ASBESTOS CONTAINING MATERIALS - PERSONNEL TESTS ON 3 NO. PRESCRIBED LOCATIONS AM1, AM2, AM3.

NO PERSONAL TESTS REQUIRED ON THIS VISIT

Additional Comments:

WEATHER CONDITIONS - BRIGHT WITH CLOUDS (INTERMITTENT). GROUND WET FROM PREVIOUS DAYS RAINFALL, RAINING STEADILY IN PM.

AM1 RESULTS SATISFACTORY <0.01 f/ml

Analysis in base, site, mobile lab:	MOBILE LAB	Reg. No if mobile lab:	BX57 YXW
Microscope No:	MS21	Rotameter No:	ROM10
S 12 Stage Micrometer No:	SM107	Graticule Diameter:	100 µm
N.P.L Test Slide No:	TS04	Band Resolution:	5
Timer No:	TP07	Tally Counter No's:	TC10 & TC11
Barometer No:	BR06	Thermometer No:	TH06
Exposed Filter Diameter:	22-4	Field Blank Required?	NO.

Methodology
Sampling and analysis carried out in accordance with: Asbestos: The Analysts' Guide for Sampling, analysis and clearance procedures (HSG 248), and our own documented in-house procedures

Limit of Detection
The limit of detection for a sample volume equal to or greater than 480 litres and 200 graticule areas examined will be expressed as 0.010 respirable fibres / ml of air. For sample volumes below 480 litres, an appropriate limit of detection will apply.

White: Office Yellow: Client Pink: Site

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH Company no: 3282785
Tel: +44(0) 208 8058282 Fax: +44(0) 208 8052470

ASBESTOS SAMPLING & ANALYSIS REPORT

2329

MANESTREAM LTD

Report No: CM 11308 Job No: 025233

Job Title: CHEBELANDS PF1 Date of test: 28-10-2008

Sample Number	Pump Number	Start Time	Temp (°C)	Pressure (mbar)	Finish Time	Duration (Min)	Intermediate Flow Rate (L/Min)					Corrected Flow (Y/N)
							Start	60min	120min	180min	Finish	
CM930	HF009	1200	16	1008	1234	34	14.5	—	—	—	14.5	NO
CM931	HF008	1201	16	1008	1235	34	14.5	—	—	—	14.5	NO
CM932	HF001	1205	16	1008	1235	54	14.5	—	—	—	14.5	NO
CM933	HF005	1206	16	1008	1240	34	14.5	—	—	—	14.5	NO
CM934	HF006	1210	16	1008	1244	34	14.5	—	—	—	14.5	NO
CM935	HF007	1211	16	1008	1245	34	14.5	—	—	—	14.5	NO
CM936	HF009	1250	16	1008	1342	34	14.5	—	—	—	14.5	NO
CM937	HF008	1250	16	1008	1324	34	14.5	—	—	—	14.5	NO
CM938	HF001	1255	16	1008	1329	34	14.5	—	—	—	14.5	NO
CM939	HF005	1256	16	1008	1330	34	14.5	—	—	—	14.5	NO
CM940	HF006	1300	16	1008	1334	34	14.5	—	—	—	14.5	NO
CM941	HF007	1301	16	1008	1336	34	14.5	—	—	—	14.5	NO

Sample Number	Location (refer to plan)	Test Type*	Volume (Litres)		Fibres	Fields	Calculated Result (Fibres/ml)	Reported Result (Fibres/ml)	Satisfactory** (Y / N / NA)
CM930	AM3	R	480	—	1½	200	0.001	<0.01	Yes
CM931	AM3	R	480	—	1½	200	0.001	<0.01	Yes
CM932	AM1	R	480	—	1½	200	0.001	<0.01	Yes
CM933	AM1	R	480	—	2	200	0.001	<0.01	Yes
CM934	AM2	R	480	—	½	200	0.001	<0.01	Yes
CM935	AM2	R	480	—	2	200	0.001	<0.01	Yes
CM936	AM3	R	480	—	½	200	0.001	<0.01	Yes
CM937	AM3	R	480	—	0	200	0.001	<0.01	Yes
CM938	AM1	R	480	—	0	200	0.001	<0.01	Yes
CM939	AM1	R	480	—	1½	200	0.001	<0.01	Yes
CM940	AM2	R	480	—	2	200	0.001	<0.01	Yes
CM941	AM2	R	480	—	0	200	0.001	<0.01	Yes

SEE PLAN

* (B) Background (R) Reassurance (L) Leak (C) Clearance (P) Personal (FB) Field Blank

** Calculated result below the clearance indicator level. Note, not applicable for some types of test e.g. Personal sampling

Sampled By: C. METCALF

Analysed By: C. METCALF

Signature:

Date: 28-10-2008

White: Office Yellow: Client Pink: Site

FB001/REV2/21-02-08

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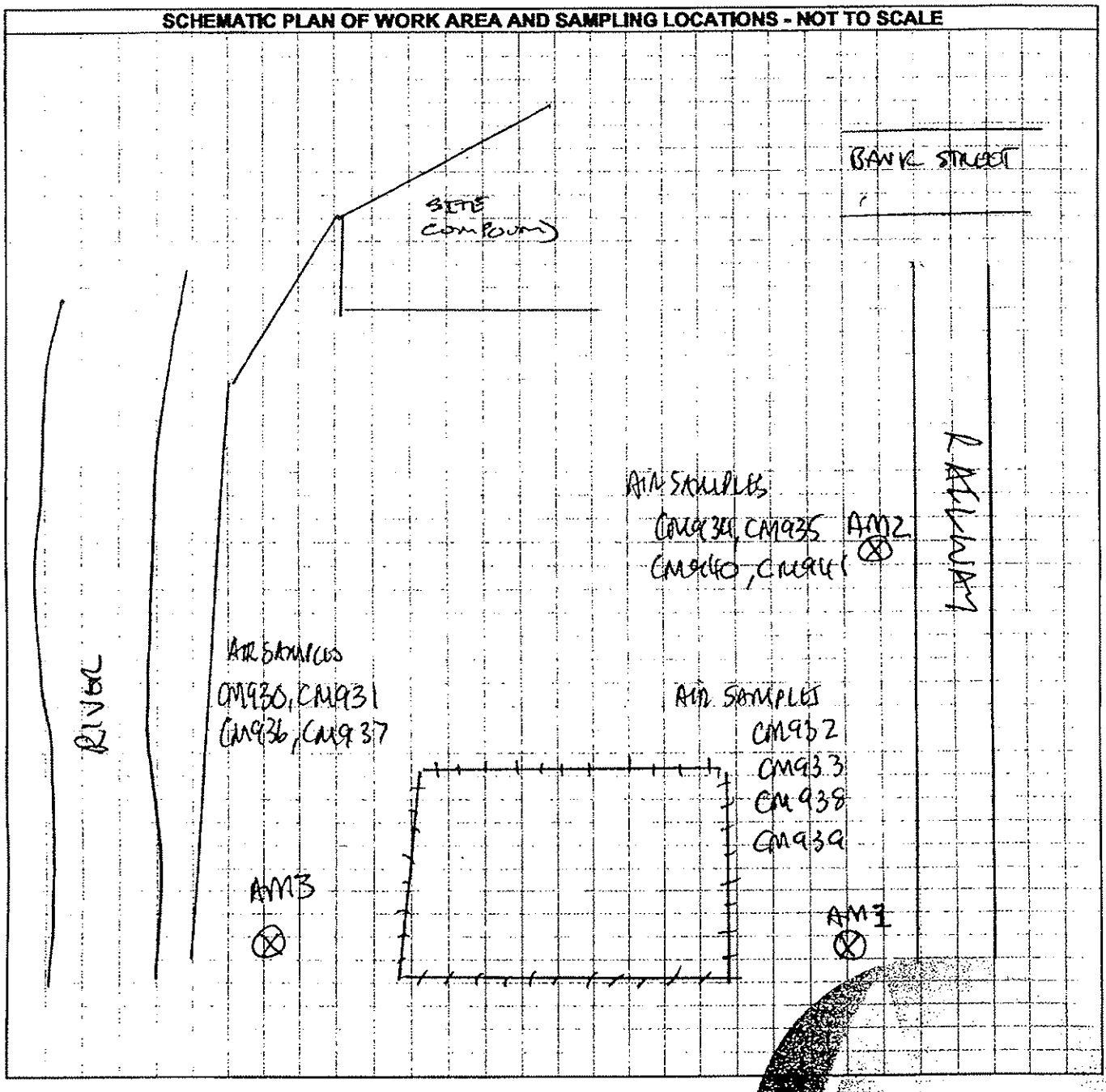
2329

ASBESTOS SAMPLING & ANALYSIS REPORT

MANESTREAM LTD

Report No:	GLEBELANDS PFE, NEWPORT	Job No:	025233
Job Title:	CM11308	Date of test:	28-10-2008

SCHEMATIC PLAN OF WORK AREA AND SAMPLING LOCATIONS - NOT TO SCALE



White: Office Yellow: Client Pink: Site

Registered address: Unit 1 Great Cambridge Industrial Estate, Lincoln Road, Enfield EN1 1SH Company no: 4368758
Tel: +44(0) 208 8058282 Fax: +44(0) 208 8052470

Appendix O Geophysical Survey Results

GEOPHYSICAL SURVEY REPORT

Project
Mapping buried drums

Location
Glebelands School Development
Newport

Client
Norwest Holst

Unit 2
Ocean House
Hunter Street
Cardiff
CF10 5FR
United Kingdom

Tel: +44 (0)8707 303050
Fax: +44 (0)8707 303051
Web: www.terradat.com

TERRA DAT
geophysical innovation

Job reference: 2367
Date: March 2009
Version: 1

GEOPHYSICAL SURVEY REPORT

Project
Mapping buried drums

Location
Glebelands School Development
Newport

Client
Norwest Holst

Project geophysicist: J Thomas PhD BSc FGS _____

Reviewer: S Hughes PhD BSc FGS _____

Job Reference: 2367

Date: March 2009

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1.1 Geological/site setting 4
1.2 Survey objectives 4
1.3 Survey design 4

2 Survey description 5

2.1 Topographic survey / Grid layout 5
2.2 Magnetic survey 5
2.2.1 Magnetic survey field activity 6
2.3 High resolution metal detection survey (EM-61) 6
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4 Conclusions 9

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Appendices

1 Introduction

This report describes a geophysical survey that was carried out at the Glebelands school development, Newport. The survey work was commissioned by Norwest Holst and the aim of the survey was to confirm the removal of buried drums following an extensive remediation programme. Due to the timing of both the remediation programme and subsequent groundworks, the geophysical survey was carried out over three separate visits, which took place during July 2008, December 2008 and March 2009.

1.1 Geological/site setting

Based on the available borehole/trial pit information, the geology generally comprises of made ground, overlying alluvial and bedrock deposits. During the survey, it was evident that there were significant quantities of metallic debris (rebar, bits of scrap etc) within the made ground.

This site was initially surveyed by TerraDat in October 2004 and the resulting data plots provided the basis for the location of the drums for the remediation works. This initial survey was carried out prior to any remediation or development at the site.

1.2 *Survey objectives*

The primary objective of the survey is:

- Identify anomalous features that may be associated with any remaining buried drums

1.3 Survey design

Based on the initial suite of geophysical techniques, it was decided to opt for a combined magnetic and metal detection survey.

- ***Magnetic*** – to map distortions in the Earths magnetic field associated with buried ferrous material.
- ***High resolution metal detection (EM-61)***: to locate metallic features/structures within the shallow (<3m) sub-surface.

2 Survey description

The survey was carried out using the following geophysical techniques:

- Magnetic gradiometer
- High resolution metal detection

The geophysical data were acquired on a series of detailed survey grids that extended over the areas of interest. The results are presented in the form of interpreted data plans indicating the location and physical characteristics of identified anomalous features together with a text description.

Background information for each of the survey methods is provided in the appendices and descriptions of the actual survey work carried out on site are provided in the sections below.

2.1 Topographic survey / Grid layout

A digital theodolite was used to set out a series of local survey grids, which were subsequently referenced to National Grid by means of a series of control survey stations.

2.2 Magnetic survey

Magnetic surveys are designed to exploit the deviation in the Earth's magnetic field caused by the presence of buried ferrous objects. Data are acquired on a survey grid covering the area of interest and a plan image showing the variation in the magnetic field is produced. Buried items such as tanks, drums, UXO, reinforced slabs, shaft caps and some archaeological features can be identified on a magnetic survey plan as localised anomalous high and low values. A description of the field activity is provided below and some background information on the survey method is found in the appendix.



Plate 1 – G858 Magnetic Gradiometer

2.2.1 Magnetic survey field activity

A *GEOMETRICS G858* magnetic gradiometer (Plate 1) was used to acquire total magnetic field and gradient data in 'near-continuous' walking mode along 2m spaced survey lines.

2.3 High resolution metal detection survey (EM-61)

A metal detection survey involves transmitting an electromagnetic field into the subsurface and picking up returning signal via a receiver in the same instrument. Data are acquired on a grid covering the area of interest and a contoured plan of the variation in signal response across the site is produced. The presence of metallic (ferrous and non-ferrous) materials will usually be evident as zones of high values on the metal response plans.

2.3.1 Metal detection survey field activity

A *GEONICS EM-61 MK2* instrument (Plate 2) was used to acquire data along a series of parallel survey lines. Readings were taken at 0.2m intervals along 2m spaced survey lines. The *EM-61* is a time-domain metal detector, which is sensitive to both ferrous and non-ferrous metal and has typical penetration depths of down to 3m below ground level.

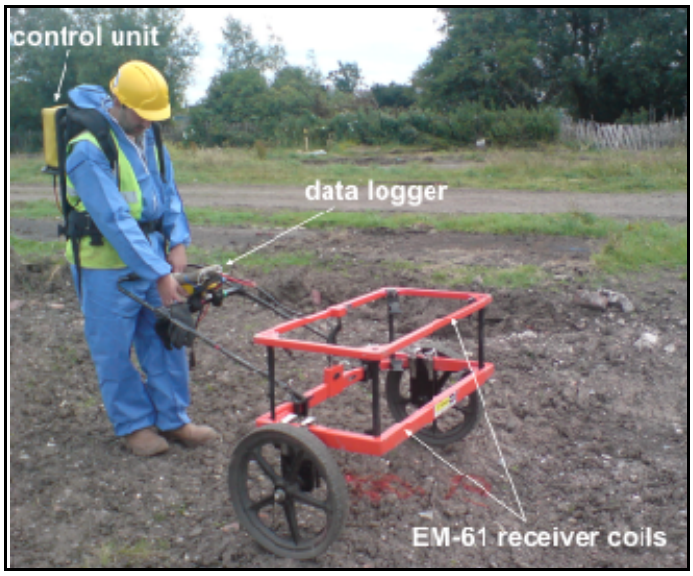


Plate 2 – *EM-61* Metal detection system

3 Results and Interpretation

The results from each technique are presented as a series of colour contour plots displaying the magnetic and metal responses. In order to compare the results, data plots extracted from the 2004 survey have also been included. Even though there appears to be is a slight variation in colour scales, the overall data range between the two datasets are the same.

Magnetic Survey

The results of the magnetic survey are presented as total field (bottom sensor) and analytical signal plots (Figure 1). The total field data may be used to observe the general character of the magnetic field across the survey area while the peak values (pink) displayed on the analytical signal plot indicate the source positions for dipole type magnetic anomalies. Generally, the interpretation of a magnetic anomaly is based on observing the type (pole/dipole), amplitude and wavelength of the anomalous feature.

The resulting plans (2009) exhibit a number of features across the site that include broad zones of varying magnetic character, linear features and short wavelength anomalies. Many

of these anomalies can be attributed to known surfaces sources, i.e. manhole covers and scattering of surface debris and structures (e.g. rebar, lampposts, road-pins, skips etc).

The 'thin' white line running N-S and E-W mark the boundary between the separate site visits. Unfortunately on the last visit, the presence of the metal fence, fences and new footpath prevented full site coverage.

When compared to the 2004 plots, there is a marked decrease in the overall magnetic signature, which indicates a relative decrease in metal content across the area. Most of the remaining unaccountable anomalies appear to be due to isolated shallow features i.e. bits of rebar and other metallic debris.

However one feature of note is the cluster of anomalies which appear on the 2009 plot but are not as apparent on the 2004 plot. This cluster is located towards the centre of the survey grid and it is possible they represent a redistribution of metallic debris following the remediation works.

Metal Detection survey

The results are presented as a colour contoured plot display the responses (mV) from the top receiver coil of the instrument (Figure 3). The interpretation of the data is based on the principle that metal objects within the range of the instrument (~3m) will produce a proportional response *i.e.* a relative increase in the amplitude of the response will reflect an increase in the amount of metal present at that given depth.

The EM-61 data set primarily targets the shallow anomalies (<3m bgl) and the results general support the findings of magnetic survey. When considering the 2004 plot, there appeared to be broad zones of increased response, that probably represents a cluster of metallic features. When compared to the 2009 results, this zone is no longer present and the resulting response plot is characterised by a scattering of small features that most likely reflect bits of rebar and other metallic debris.

4 Conclusions

- The geophysical survey has provided a non-invasive means for investigating the subsurface with a high degree of spatial coverage. By considering a number of geophysical methods, this has significantly enhanced the ability to characterise the subsurface as the techniques are based on different physical principles and provide complimentary information for interpretation.

- The results from the 2009 survey continue to exhibit a series of features scattered across the site, some of which originate from known or suspected sources such as services, manholes, surface metallic debris etc. Based on the character of the remaining unaccountable anomalies, it is likely that they represent isolated shallow features i.e. bits of rebar and other metallic debris

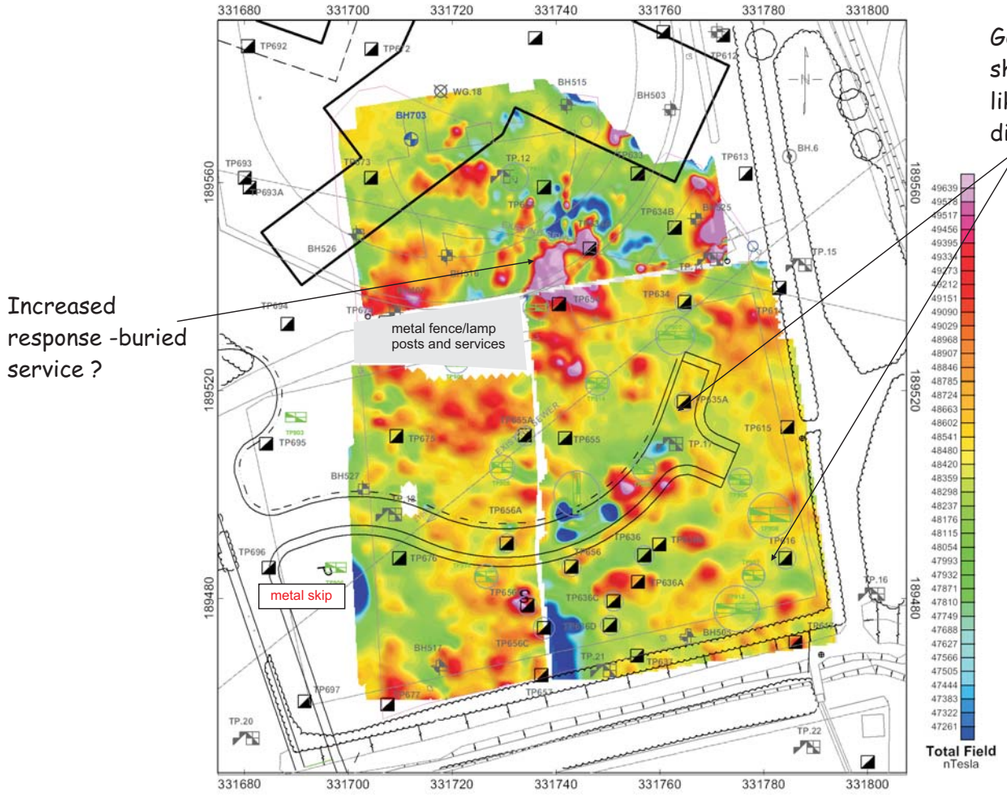
- When compared to the 2004 data plots, there is a marked decrease in the intensity of the magnetic signature and metal response, which indicates a relative decrease in metal content across the area.

- Given the limitations of the techniques and the potential masking affect of the metallic debris, the overall change in response/character and the absence of any significant residual anomalies corroborates the successful removal of the buried drums by the remediation works.

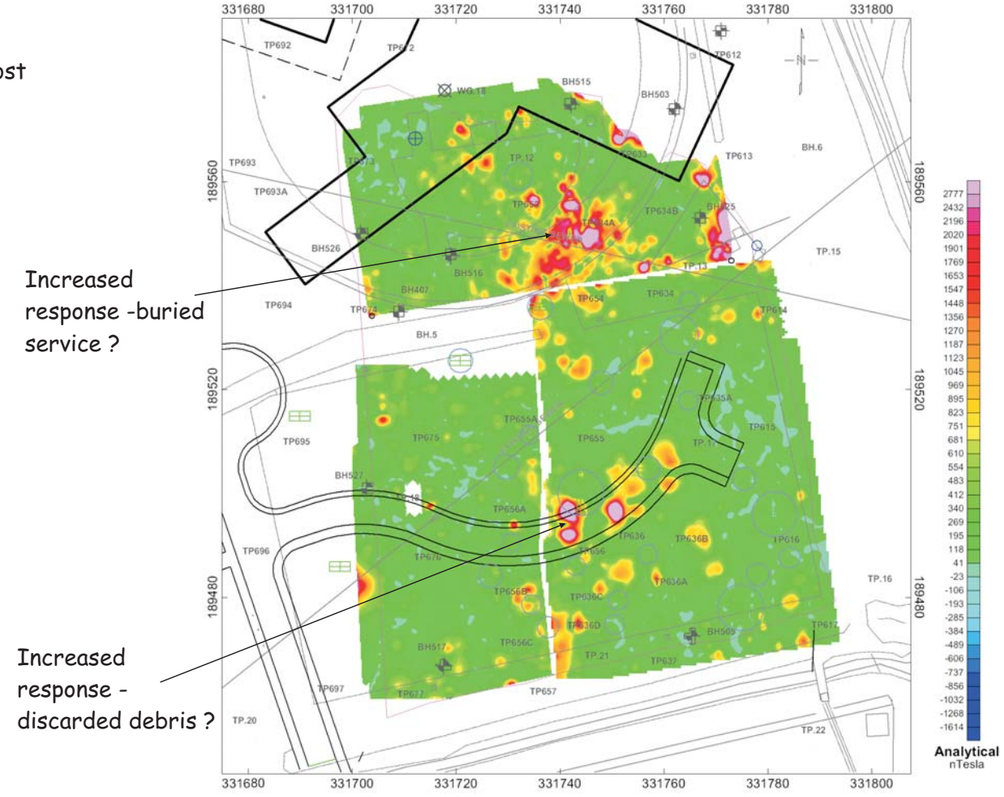
Disclaimer

This report represents an opinionated interpretation of the geophysical data. It is intended for guidance with follow-up invasive investigation. Features that do not produce measurable geophysical anomalies or are hidden by other features may remain undetected. Geophysical surveys compliment invasive/destructive methods and provide a tool for investigating the subsurface; they do not produce data that can be taken to represent all of the ground conditions found within the surveyed area. Areas that have not been surveyed due to obstructed access or any other reason are excluded from the interpretation.

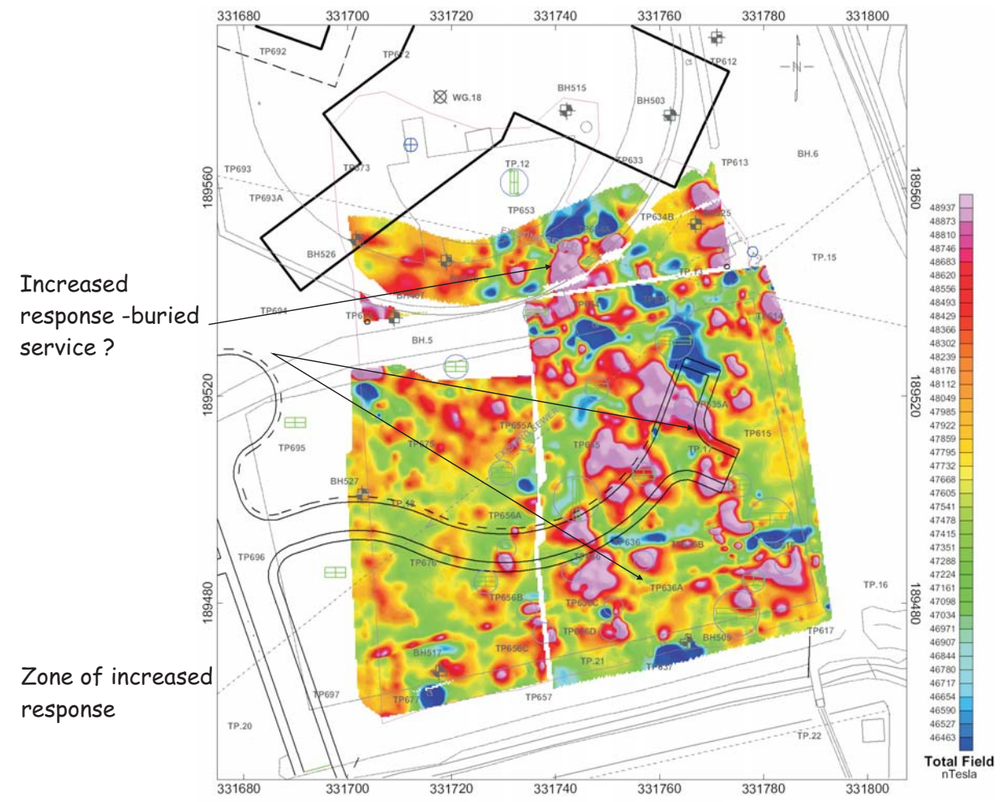
Figures



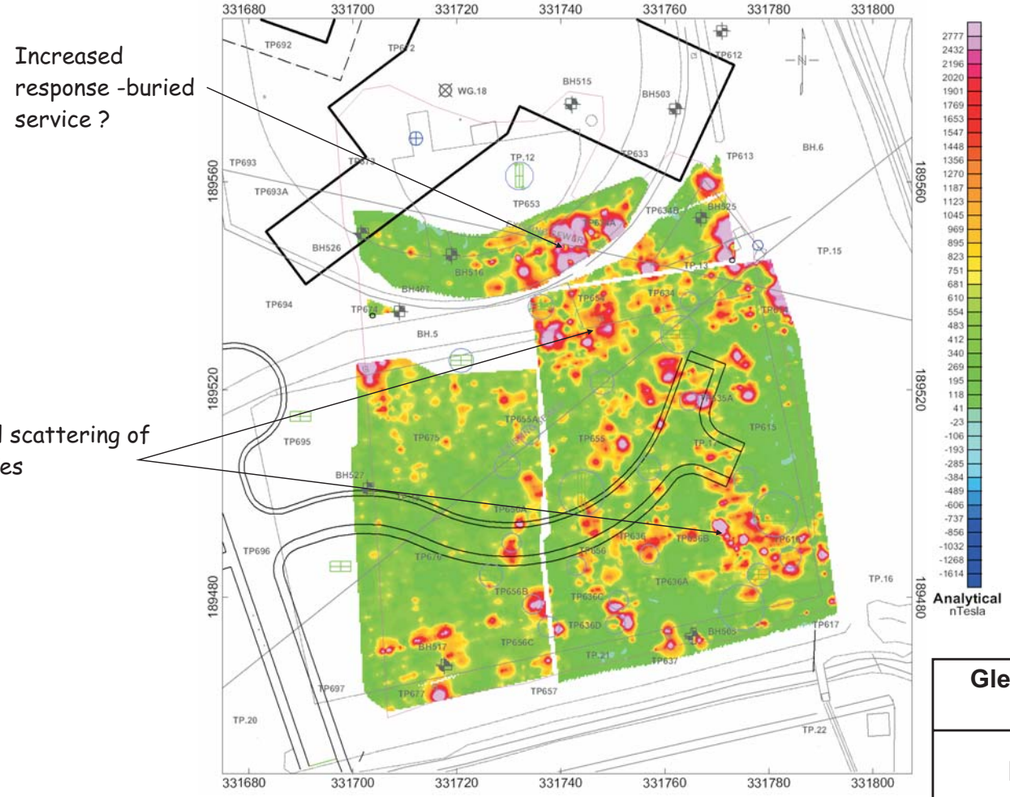
a) Total Field - 2009



c) Analytical Signal - 2009



b) Total Field - 2004

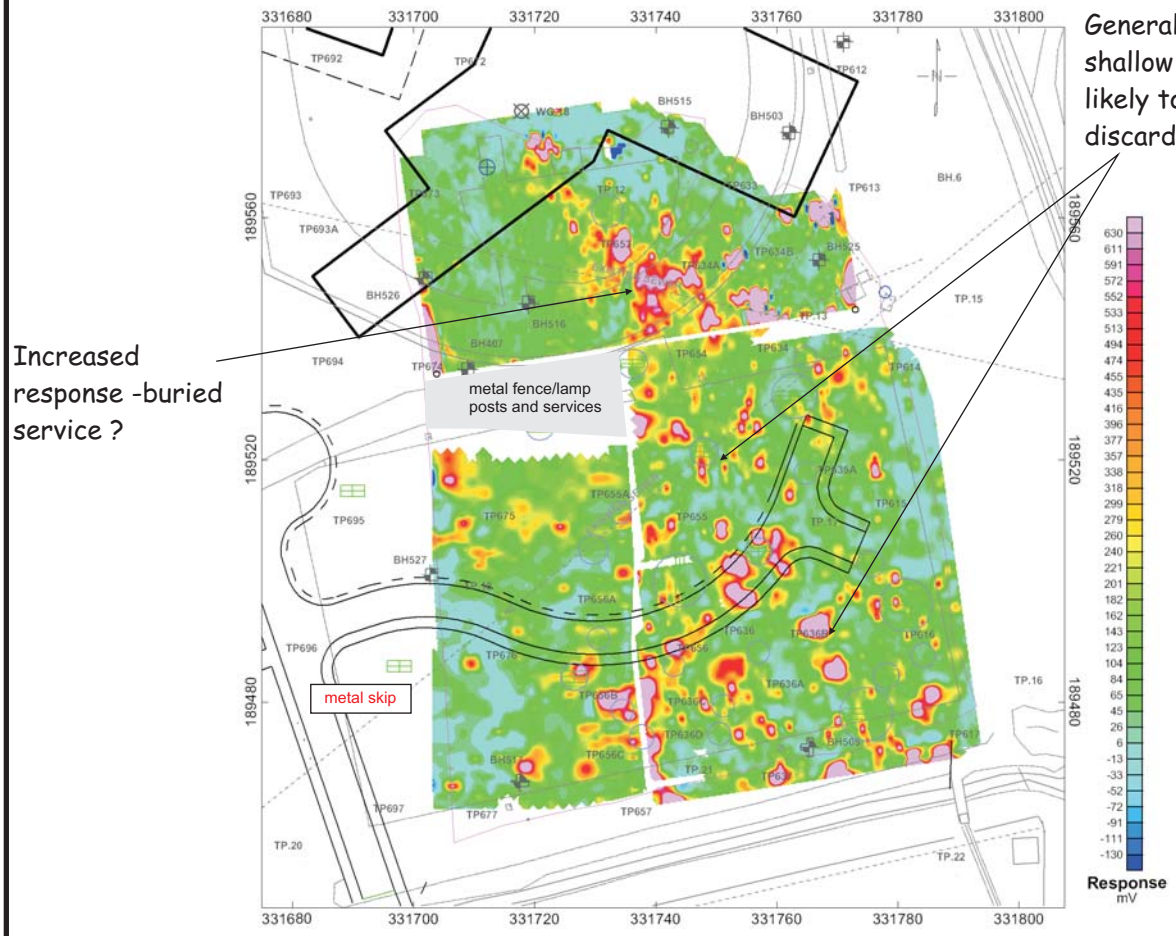


d) Analytical Signal - 2004

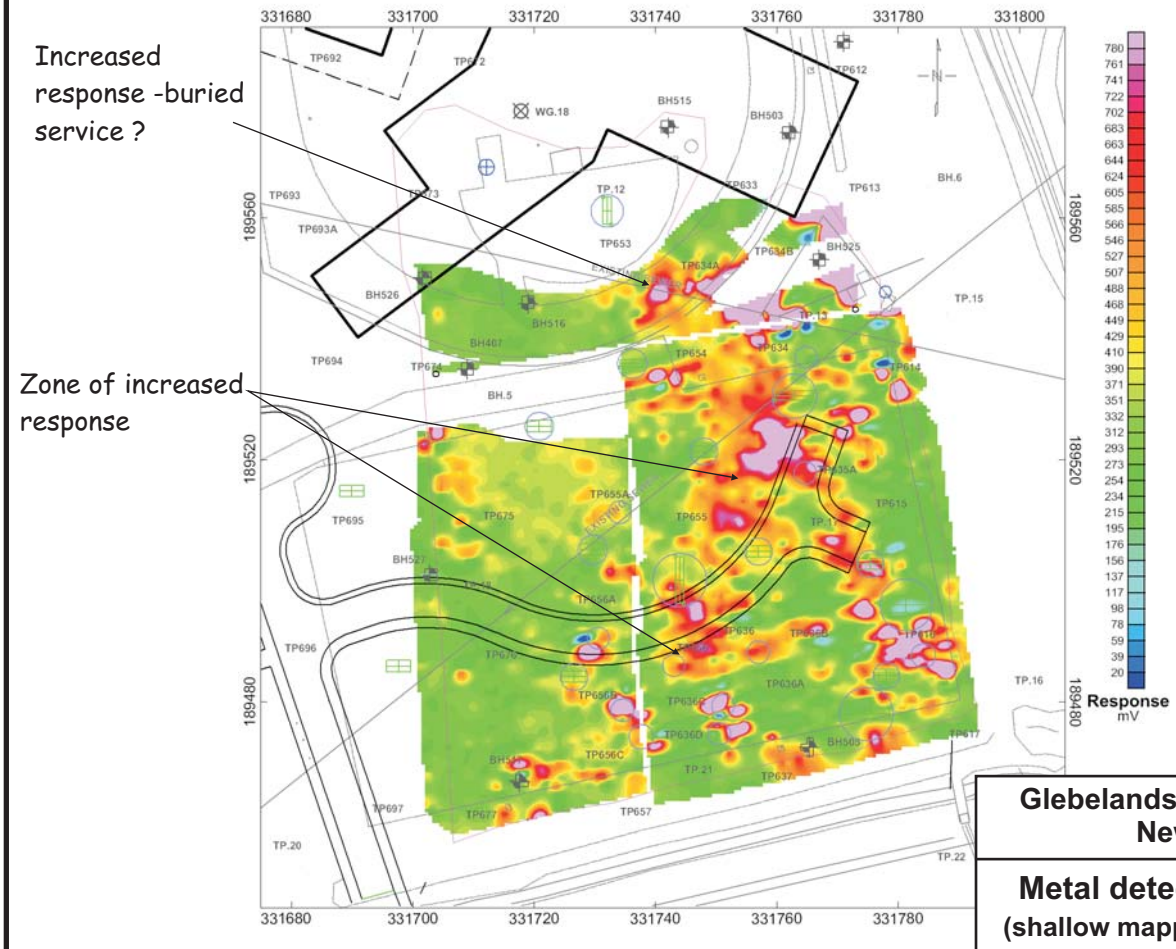
Glebelands Development Newport

Magnetic Survey

1:1250 @ A3	16 March 2008
TERRA DAT	Figure 1



a) Metal Response - 2009



b) Metal Response - 2004

Glebelands Development Newport	
Metal detection survey (shallow mapping <3m depth)	
1:1250 @ A4	16 March 2008
TERRA DAT	Figure 2

Appendices

Appendix - Magnetic Survey

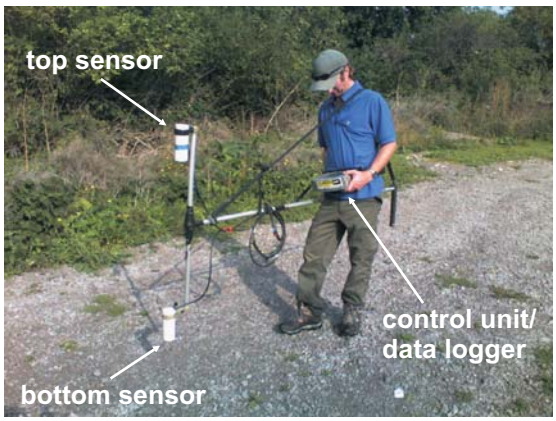
The magnetic survey technique is based on mapping localised variations in the Earth's magnetic field caused sub-surface magnetic materials, which range from naturally occurring magnetic minerals to man-made ferrous objects. This leads to a wide range of applications from small-scale archeology and engineering surveys to detect buried metallic objects, to large-scale surveys carried out to investigate regional geological trends or mineralisation.

Magnetic surveys are carried out using a man-portable instrument with readings taken on a regular grid or along selected traverse lines. The equipment functions by measuring the Earth's magnetic field to a very high precision at each survey station. Ferrous materials in the subsurface have an induced magnetic field that is superimposed on the Earth's field at that location creating a magnetic anomaly. The spacing of survey stations depends on the width of the expected anomaly, which broadens with the size, and depth of burial of the targeted feature. Continuous profiling methods may be used for a high-resolution dataset.

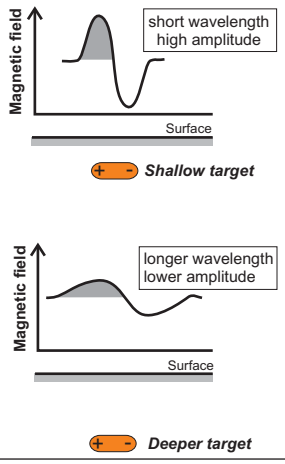
Magnetometer data are stored digitally by the survey instrument and down loaded to a field computer at the end of each day. The magnetic data are then processed to enhance any identifiable anomalies and presented on colour-contoured plots overlain with site maps (when available).

The results of the magnetic survey are usually presented as total field and analytical signal plots . The total field data may be used to observe the general character of the magnetic field across the survey area while the peak values (pink) displayed on the analytical signal plot indicate the source positions for dipole type magnetic anomalies. In general terms, the interpretation of a magnetic anomaly is based on observing the type (pole/dipole), amplitude and wavelength of the anomalous features.

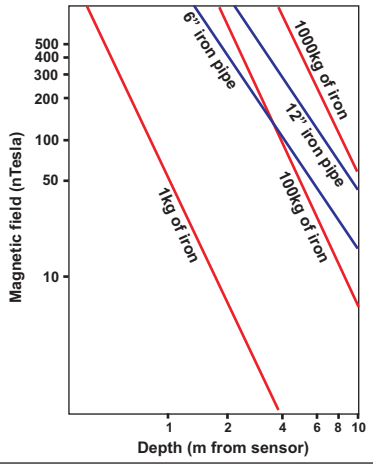
Gradiometer survey



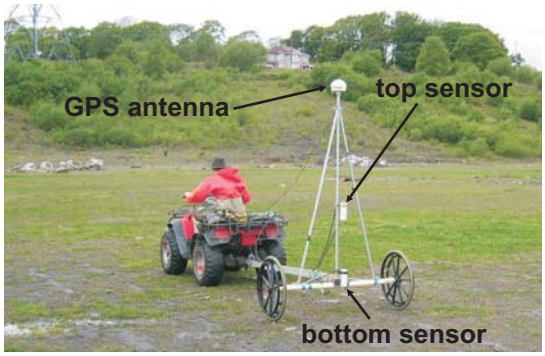
Magnetic anomalies



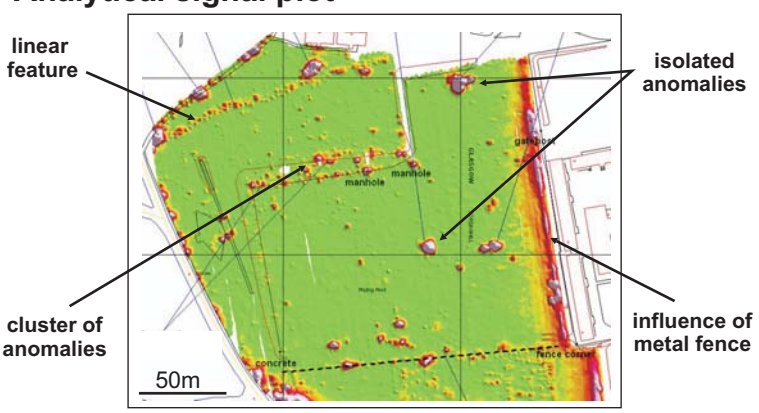
Guide to anomaly size



Towed gradiometer with dGPS



Analytical signal plot



Constraints

Metal objects or structures close to the survey area (fences, vehicles, debris etc.) produce a strong signal that can overshadow more subtle effects of sub-surface anomalies.

Appendix - EM-61 Metal Detection Survey

The EM-61 is a time-domain metal detector that can detect both ferrous and non-ferrous metals. The instrument was initially designed to map buried ordnance but is now used for general site characterisation especially in the mapping of former foundation structures. The EM-61 is either towed by hand or mounted behind a quad bike. Readings are usually taken on a regular grid or along selected traverse lines and positional control can be provided by dGPS if there is sufficient satellite coverage.

The instrument functions by inducing current into the ground via a transmitter coil which causes the generation of secondary electromagnetic fields in any ground conductors present within the depth range of the instrument. By taking the measurement at a relatively long time after the start of the decay, the current induced in the ground has fully dissipated and only the current in the metal is still producing a secondary field. The responses are recorded and displayed by an integrated data logger.

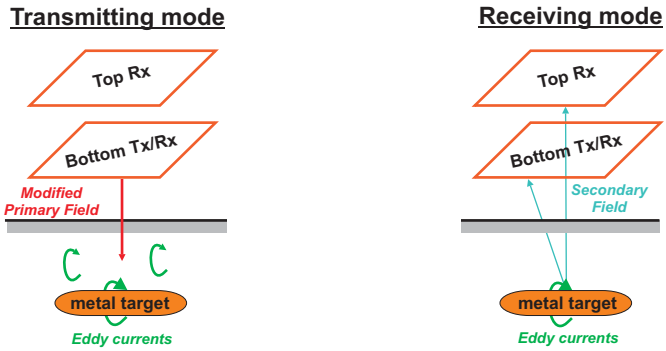
At the end of each survey, the data are downloaded to a field computer and corrected for instrument, diurnal and positional shifts. Additional editing may be carried out to remove any 'noisy' data values/positions.

The results are presented as a colour contoured plot based on the responses (mV) from the receiver coils of the instrument. The interpretation of the data is based on the principle that metal objects within the range of the instrument (~3m) will produce a response that is proportional to the amount of metal present at a given depth. By considering the response between the top and bottom receiver coils, it is possible to derive an estimate of source depth for a given anomaly.

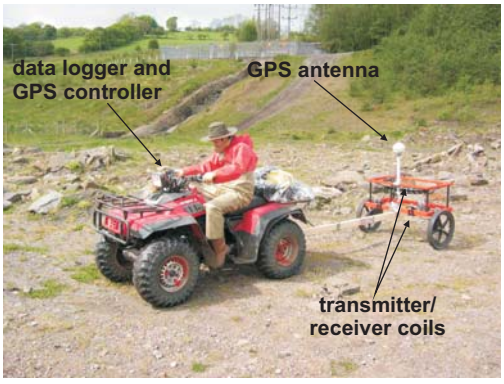
EM-61 survey



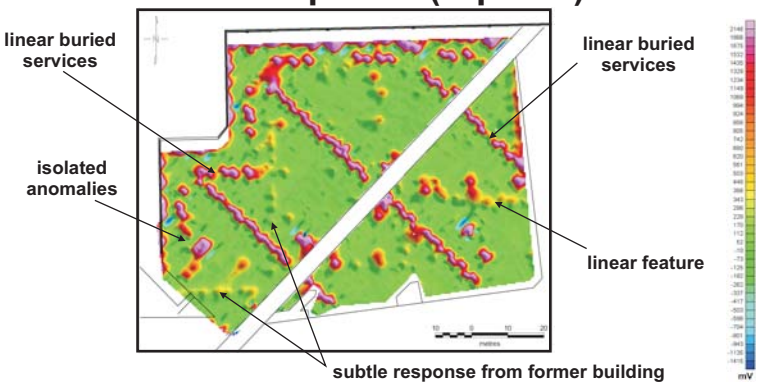
General principle of EM-61 surveying



Towed EM-61 with dGPS



Metal Response (top coil)



Constraints

Surface metal objects or structures (fences, rebar, vehicles, debris etc.) produce a strong signal that can mask more subtle response from any underlying target structures.

Appendix P Import Material Chemical Analysis and Regulator Correspondence

Aggregate Results

Data Sheet Prepared By:

Hanson Aggregates UK
Machen Quarry
Caerphilly
Mid Glamorgan
CF83 8YP

celtest
independent materials testing — diamond core drilling & sawing

Celtest Limited
Trefelin
Llandegai
Bangor
Gwynedd
LL57 4LH

Tel. 01248 355269
Fax. 01248 351563

e-mail: postmaster@celtest.com
Web: www.celtest.com

UKAS TESTING
0494

Unit : Machen Quarry
Address : Caerphilly
Mid Clamorgan
CF83 8YP
Telephone :

Rock Type **Limestone**
Particle Shape **Irregular-Angular**

AGGREGATE PROPERTIES SUMMARY DATA SHEET

Test Description		Specification Reference	.6/14	STR No.	Date	0/4	STR No.	Date	.4/10	STR No.	Date
Particle Density (Mg/m^3)	Apparent	EN 1097-6 : 2000	2.78	131153	Feb-08	2.76	131154	Feb-08	2.77	131155	Feb-08
	S.S.D		2.80	131153	Feb-08	2.78	131154	Feb-08	2.79	131155	Feb-08
	Oven Dry		2.83	131153	Feb-08	2.81	131154	Feb-08	2.83	131155	Feb-08
Water Absorption (%)			0.8	131153	Feb-08	0.9	131154	Feb-08	0.9	131155	Feb-08
Aggregate Abrasion Value (AAV)		EN 1097-8 : 2000 Annex A									
Los Angeles Abrasion (LA)		EN 1097-2 : 1998									
Polished Stone Value (PSV)		EN 1097-8 : 2000									
Magnesium Sulfate Soundness Value		EN 1367-2 : 1998									
Drying Shrinkage (%)		EN 1367-4 : 1998									
Micro Deval (MD)		EN 1097-1 : 1996									
10% Fines - Dry (kN)		BS 812 : Part 111 : 1990									
10% Fines - Soaked (kN)		BS 812 : Part 111 : 1990									
Wet Attrition - Rail Ballast		BS 812 : 1951									
Micro Deval (MD) - Rail Ballast		EN 1097-1 : 1996 modified by EN 13450:2002 Annex E									
Chloride Ion Content (%)		BS 812 : Part 117 : 1988				0.01	129525	Feb-08			
Total Acid Soluble Sulfate (%)		EN 1744-1 : 1998				0.01	129517	Feb-08			
Total Sulfur Content (%)		EN 1744-1 : 1998				0.01	129519	Feb-08			
Flakiness Index		EN 933-3 : 1997									
Bulk Density Loose (Mg/m3)		EN 1097-3 : 1998	1.41	100315	Jul-07	1.51	129528	Feb-08	1.33	129514	Feb-08
Bulk Density Compacted (Mg/m3)		EN 1097-3 : 1998 Annex D.1	1.47	100315	Jul-07	1.79	129528	Feb-08	1.47	129514	Feb-08
Shell Content (%)		EN 933-7 : 1998									
Calcium Carbonate Equivalent (%)		EN 196-21 : 1992									
Chemical Analysis - XRF*		XRF Method	45.41	129516	Feb-08						
pH Value		BS 1377 : Part 3 : 1990				7.8	129530	Feb-08	7.9	79587	Jan-07
Alkali Silica Reaction (ASR)		SHW Cl 1704.6, CSTR No. 30 & BRE Digest 330									
Resistivity (Ohms/Cm)*		BS 1377 : Part 3 : 1990									
Lightweight Contaminators (%)		EN 1744-1 : 1998									
Angle of Internal Friction (^{o})		SHW HMSO May 2001 Cl 636									
Frost Heave (mm)		SHW HMSO May 2001 Cl 801									
OMC/MDD (%/Mg/m3)		EN 13286-4 : 2003									
Petrographic Analysis*		EN 923-3 : 1997	Low	79592	Jan-07						
Water Soluble Sulfate (%)		BS EN 1744-1 : 1998									
Plastic Limit (%)		BS 1377 : Part 2 : 1990									

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Comments:

AGGREGATE PROPERTIES SUMMARY DATA SHEET

Test Description		Specification Reference	.10/20	STR No.	Date	Type1	STR No.	Date	Scalps	STR No.	Date
Particle Density (Mg/m^3)	Apparent S.S.D Oven Dry	EN 1097-6 : 2000									
Water Absorption (%)											
Aggregate Abrasion Value (AAV)		EN 1097-8 : 2000 Annex A									
Los Angeles Abrasion (LA)		EN 1097-2 : 1998	**23**	**129521**	**Feb-08**						
Polished Stone Value (PSV)		EN 1097-8 : 2000									
Magnesium Sulfate Soundness Value		EN 1367-2 : 1998	**6**	**79554**	**Jan-07**						
Drying Shrinkage (%)		EN 1367-4 : 1998									
Micro Deval (MD)		EN 1097-1 : 1996	**14**	**129526**	**Feb-08**						
10% Fines - Dry (kN)		BS 812 : Part 111 : 1990	**320**	**45392**	**Jan-06**						
10% Fines - Soaked (kN)		BS 812 : Part 111 : 1990	**290**	**45394**	**Jan-06**						
Wet Attrition - Rail Ballast		BS 812 : 1951									
Micro Deval (MD) - Rail Ballast		EN 13450:2002 Annex E									
Chloride Ion Content (%)		BS 812 : Part 117 : 1988									
Total Acid Soluble Sulfate (%)		EN 1744-1 : 1998									
Total Sulfur Content (%)		EN 1744-1 : 1998									
Flakiness Index		EN 933-3 : 1997									
Bulk Density Loose (Mg/m3)		EN 1097-3 : 1998	**1.33**	**129522**	**Feb-08**	**1.54**	**129513**	**Feb-08**	**1.47**	**129512**	**Feb-08**
Bulk Density Compacted (Mg/m3)		EN 1097-3 : 1998 Annex D.1	**1.45**	**129522**	**Feb-08**	**1.72**	**129513**	**Feb-08**	**1.69**	**129512**	**Feb-08**
Shell Content (%)		EN 933-7 : 1998									
Calcium Carbonate Equivalent (%)		EN 196-21 : 1992									
Chemical Analysis - XRF*		XRF Method									
pH Value		BS 1377 : Part 3 : 1990									
Alkali Silica Reaction (ASR)		& BRE Digest 330									
Resistivity (Ohms/Cm)*		BS 1377 : Part 3 : 1990									
Lightweight Contaminators (%)		EN 1744-1 : 1998									
Angle of Internal Friction (^{o})		SHW HMSO May 2001 Cl 636									
Frost Heave (mm)		SHW HMSO May 2001 Cl 801				**8**	**129509**	**Feb-08**			
OMC/MDD (%/Mg/m3)		EN 13286-4 : 2003									
Petrographic Analysis*		EN 923-3 : 1997									
Water Soluble Sulfate (%)		BS EN 1744-1 : 1998									
Plastic Limit (%)		BS 1377 : Part 2 : 1990				**Non**	**129508**	**Feb-08**			

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Comments:

E.R.Goulden - Technical Director

Test Description	Specification Reference	2/6.3	STR No.	Date	.4/10	STR No.	Date	20/32	STR No.	Date
Particle Density (Mg/m^3) Apparent	EN 1097-6 : 2000									
Particle Density (Mg/m^3) S.S.D	EN 1097-6 : 2000									
Particle Density (Mg/m^3) Oven Dry	EN 1097-6 : 2000									
Water Absorption (%)										
Aggregate Abrasion Value (AAV)	EN 1097-8 : 2000 Annex A									
Los Angeles Abrasion (LA)	EN 1097-2 : 1998									
Polished Stone Value (PSV)	EN 1097-8 : 2000									
Magnesium Sulfate Soundness Value	EN 1367-2 : 1998									
Drying Shrinkage (%)	EN 1367-4 : 1998									
Micro Deval (MD)	EN 1097-1 : 1996									
10% Fines - Dry (kN)	BS 812 : Part 111 : 1990									
10% Fines - Soaked (kN)	BS 812 : Part 111 : 1990									
Wet Attrition - Rail Ballast	BS 812 : 1951									
Micro Deval (MD) - Rail Ballast	EN 13450:2002 Annex E									
Chloride Ion Content (%)	BS 812 : Part 117 : 1988									
Total Acid Soluble Sulfate (%)	EN 1744-1 : 1998									
Total Sulfur Content (%)	EN 1744-1 : 1998									
Flakiness Index	EN 933-3 : 1997									
Bulk Density Loose (Mg/m3)	EN 1097-3 : 1998	**1.34**	**129527**	**Feb-08**	**1.47**	**129532**	**Feb-08**	**1.36**	**129531**	**Feb-08**
Bulk Density Compacted (Mg/m3)	EN 1097-3 : 1998 Annex D.1	**1.56**	**129527**	**Feb-08**	**1.57**	**129532**	**Feb-08**	**1.56**	**129531**	**Feb-08**
Shell Content (%)	EN 933-7 : 1998									
Calcium Carbonate Equivalent (%)	EN 196-21 : 1992									
Chemical Analysis - XRF*	XRF Method									
pH Value	BS 1377 : Part 3 : 1990									
Alkali Silica Reaction (ASR)	& BRE Digest 330									
Resistivity (Ohms/Cm)*	BS 1377 : Part 3 : 1990									
Lightweight Contaminators (%)	EN 1744-1 : 1998									
Angle of Internal Friction (^{o})	SHW HMSO May 2001 Cl 636									
Frost Heave (mm)	SHW HMSO May 2001 Cl 801									
OMC/MDD (%/Mg/m3)	EN 13286-4 : 2003									
Petrographic Analysis*	EN 923-3 : 1997									
Water Soluble Sulfate (%)	BS EN 1744-1 : 1998									
Plastic Limit (%)	BS 1377 : Part 2 : 1990									

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Comments:

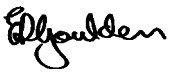
E.R.Goulden - Technical Director

AGGREGATE PROPERTIES SUMMARY DATA SHEET

Test Description	Specification Reference	Ballast	STR No.	Date	20/40	STR No.	Date	28/40	STR No.	Date
Particle Density (Mg/m^3) Apparent	EN 1097-6 : 2000									
Particle Density (Mg/m^3) S.S.D	EN 1097-6 : 2000									
Particle Density (Mg/m^3) Oven Dry	EN 1097-6 : 2000									
Water Absorption (%)										
Aggregate Abrasion Value (AAV)	EN 1097-8 : 2000 Annex A									
Los Angeles Abrasion (LA)	EN 1097-2 : 1998	**12**	**129506**	**Feb-08**						
Polished Stone Value (PSV)	EN 1097-8 : 2000									
Magnesium Sulfate Soundness Value	EN 1367-2 : 1998									
Drying Shrinkage (%)	EN 1367-4 : 1998									
Micro Deval (MD)	EN 1097-1 : 1996									
10% Fines - Dry (kN)	BS 812 : Part 111 : 1990									
10% Fines - Soaked (kN)	BS 812 : Part 111 : 1990									
Wet Attrition - Rail Ballast	BS 812 : 1951	**3.6**	**141303**	**May-08**						
Micro Deval (MD) - Rail Ballast	EN 13450:2002 Annex E	**9**	**141304**	**May-08**						
Chloride Ion Content (%)	BS 812 : Part 117 : 1988									
Total Acid Soluble Sulfate (%)	EN 1744-1 : 1998									
Total Sulfur Content (%)	EN 1744-1 : 1998									
Flakiness Index	EN 933-3 : 1997									
Bulk Density Loose (Mg/m3)	EN 1097-3 : 1998	**1.41**	**129505**	**Feb-08**	**1.35**	**129507**	**Feb-08**			
Bulk Density Compacted (Mg/m3)	EN 1097-3 : 1998 Annex D.1	**1.54**	**129505**	**Feb-08**	**1.55**	**129507**	**Feb-08**			
Shell Content (%)	EN 933-7 : 1998									
Calcium Carbonate Equivalent (%)	EN 196-21 : 1992									
Chemical Analysis - XRF*	XRF Method									
pH Value	BS 1377 : Part 3 : 1990									
Alkali Silica Reaction (ASR)	& BRE Digest 330									
Resistivity (Ohms/Cm)*	BS 1377 : Part 3 : 1990									
Lightweight Contaminators (%)	EN 1744-1 : 1998									
Angle of Internal Friction (^{o})	SHW HMSO May 2001 Cl 636									
Frost Heave (mm)	SHW HMSO May 2001 Cl 801									
OMC/MDD (%/Mg/m3)	EN 13286-4 : 2003									
Petrographic Analysis*	EN 923-3 : 1997									
Water Soluble Sulfate (%)	BS EN 1744-1 : 1998									
Plastic Limit (%)	BS 1377 : Part 2 : 1990									

All tests carried out are UKAS accredited unless otherwise denoted by *

Comments:



E.R.Goulden - Technical Director

celtest
independent materials testing; structural investigation
site investigation, diamond core drilling & sawing
Celtest Limited · Cyttir Lane · Bangor · Gwynedd · LL57 4DA · Tel:+44(0)1248 355269
Fax: +44 (0) 1248 351563 · Website: www.celtest.com · e-mail: postmaster@celtest.com

Hanson Construction Projects,
Machen Quarry,
Machen,
Newport,
Gwent,
NP1 8YP

RECEIVED
13 MAY 2005

Date: 28th April 2005
Test Report No: 276803

Your Order No.:

LABORATORY TEST REPORT

TEST REQUIREMENTS: To determine the Chemical Analysis of a soil sample (I.C.R.C.L. Suite)

SAMPLE DETAILS:

Certificate of sampling received:	**Yes**
Certificate Enclosed:	**No**
Laboratory Ref. No.:	**S11253**
Client Ref. No.:	**N/A**
Date and Time of Sampling:	**04/04/2005**
Date of Receipt at Lab.:	**06/04/2005**
Date of Start of Test.:	**14/04/2005**
Sampling Location:	**Stock**
Delivery Ticket No.:	**N/A**
Name of Source:	**Machen**
Method of Sampling.	**BS EN 932-1: 1997**
Sampled By.	**Client**
Soil Description.	**100mm Crusher Run Limestone**

RESULTS:

See Attached

COMMENTS/ DEPARTURE FROM SPECIFIED PROCEDURE

The work was carried out by our accredited, competent, sub contracted laboratory.

G. LL. Evans - Laboratory Manager

Results: TOTAL CONTAMINANT ANALYSIS
SOIL RESULTS

Parameter	Sample Ref. (mg/kg unless stated) 29043
Cadmium	**15**
Chromium	**<1**
Copper	**15**
Nickel	**<1**
Lead	**365**
Zinc	**1220**
Water soluble boron	**<0.5**
Arsenic	**9.4**
Mercury	**<0.1**
Selenium	**<0.1**
Sulphate	**<0.02**
Sulphide	**152**
Cyanide (total)	**<10**
Phenols Index	**<1**
Tol.Equ.Ex.mat	**400**
pH	**9.4**
Percentage <2m	**12.4**

celtest

Results: TOTAL CONTAMINANT ANALYSIS
SOIL LEACHATE RESULTS

Parameter	**Sample Ref.** (mg/L unless stated) **29043**
Cadmium	**<0.005**
Chromium	**<0.01**
Copper	**<0.001**
Nickel	**<0.01**
Lead	**<0.004**
Zinc	**<0.008**
Water soluble boron	**<0.01**
Arsenic	**<0.001**
Mercury	**<0.001**
Selenium	**<0.0001**
Sulphate	**5**
Sulphide	**<0.1**
Cyanide (total)	**<0.05**
Phenols Index	**<0.03**
pH	**9.6**

Hanson Aggregates

Neil Lawrence
Hanson Aggregates
National Laboratory
Chipping Sodbury
Bristol
BS37 6AY
01454 332346

GRADATION ANALYSIS TEST REPORT
for Product: 115B223/ Class 6F4 (6F1) Limestone
Supplier/ source: 115 Machen Quarry

Material type: SHW Series 600 Table 6/5 Test method: Wash grading to BS 812: part 103: 1985: 3.1

SAMPLE INFORMATION

sampled/ tested
Wed 02 July 2008/ 08-07-08
at 2020 hrs

Sample number **SWA10783AGG**

Sample Origin	FRESH STOCKPILE	Ticket No.	-
Sampler	ROBERT DAVIES	Site/Client Address	-
Your Sample Ref.	170196	Aggregate type	Dolomitic Limestone
Oven No.(Lab only)	8	Tag No.(Lab only)	801 / 504

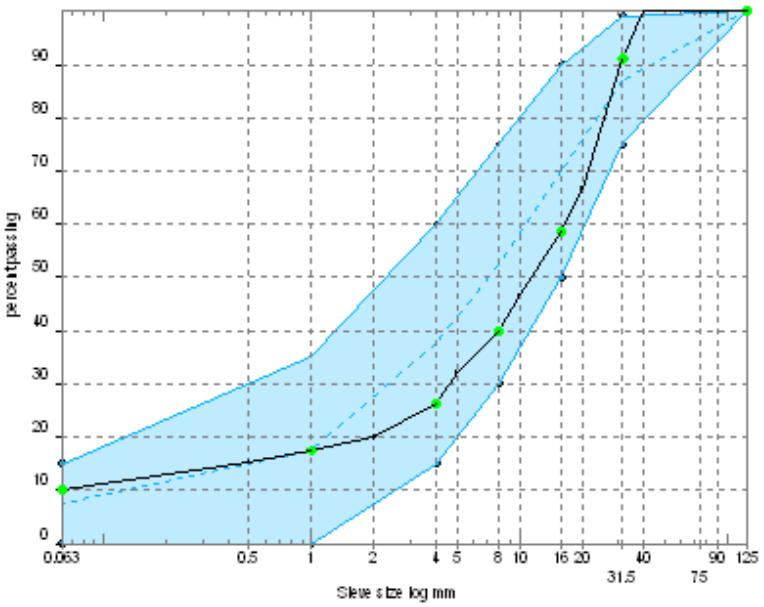
SAMPLE ANALYSIS

Sieve size	Percent passing	Specification limits	Complies ?
125mm	100	100 - 100	yes
90mm	100	-	-
75mm	100	-	-
40mm	100	-	-
31.5mm	91	75 - 99	yes
20mm	67	-	-
16mm	59	50 - 90	yes
10mm	47	-	-
8mm	40	30 - 75	yes
5mm	32	-	-
4mm	26	15 - 60	yes
2mm	20	-	-
1mm	17	0 - 35	yes
0.500mm	15	-	-
0.063mm	10	0 - 15	yes
Moisture content %	5.5	not specified	-

Parameters are evaluated to the accuracy of spec. limits

REMARKS

Compliance status ok
Category A of A-C includes secondary parameters



Signed _____ Technical Sales Advisor Print date 04 Aug 2008

Gradlab GDS v6.56 Gradation Database System. HA10 Copyright Hugh Lerwill 01531-822782

Health and Safety
Natural Aggregates

1. Identification of substance
Natural aggregates.
Typically:- Crushed rock including granite, dolerite, limestone and basalt.
All types of sand, washed/unwashed, Stone/crushed stone. Marine dredged and land won gravels.

Company
Hanson Quarry Products Europe
The Ridge
Chipping Sodbury
Bristol
BS37 6AY

Tel 01454 316000
Fax 01454 325161

2. Composition
Natural aggregates are produced from naturally occurring rock and sand and gravel deposits and consist of combinations of various minerals including silica.

3. Hazards identification
Respirable dust inhaled over a prolonged period can be hazardous to health. When the respirable dust contains silica, the risks are increased. Advice on the silica content of the dust produced from individual aggregates is available via the supplying unit on request.

4. First aid measures
Inhalation: Remove the affected person to fresh air.
Skin contact: Wash with water
Eye contact: Immediately irrigate with copious amounts of water and seek medical attention.
Ingestion: Remove from exposure to fresh air.

5. Fire fighting measures
None needed

6. Accidental release measures
Personal protection:
In the event of a spillage or leakage avoid breathing in the dust.
Wear dust mask/respirator and goggles as specified in section eight - Exposure controls/ personal protection

Environmental measures
The release of dust into the environment does not constitute a significant hazard.
Aggregates should be disposed of in accordance with local authority requirements.

Method of cleaning
Vacuum system. Water spraying to prevent airborne dust where possible. Avoid dry sweeping which creates dust, damp down surfaces.

7. Handling and storage
The product should be handled and stored in minimise the creation of airborne dust. Engineering control measures such as containment, enclosed silos, local exhaust ventilation, should be applied when airborne dust exposure levels are approached. Bagged aggregates should be palletised and kept dry.

8. Exposure controls/ personal protection
(see overleaf)

Engineering control measures: as per section seven, - Handling and storage.
Personal protection:
Respiratory protection to HSE approved standard
Hand protection: – abrasive resistant gloves
Eye protection: to HSE approved standard for dust goggles
Skin protection: overalls.

9. Physical & chemical properties
Odourless solid particles of crushed stone, gravel or sand with various colours.
Other Chemicals properties not applicable.

10. Stability and reactivity
Not applicable.

8. Exposure controls/personal protection
Occupational exposure limits:-

	8HR TWA	WEL (8HR TWA)	Source
Respirable dust	4mg/m^3	–	EH40/2005
Respirable silica	–	0.1mg/m^3	EH40/2005

Please refer to the latest issue of EH40 for current limits from the link provided below.

http://www.hse.gov.uk/coshh/table1.pdf

11. Toxicological information

Health effects

On eyes: may cause transient irritation.
On skin: unlikely to cause harm on brief or occasional contact.
By inhalation: inhalation of large quantities of respirable silica may lead to progressive lung damage. This may cause permanent disability and, in extreme cases, may be fatal.
By ingestion: unlikely to cause harm.
Chronic exposure to high levels of silica may cause progressive silicosis.
None known
Others: none known.

12. Ecological information

Environmental assessment:
When used and disposed of as intended, no adverse environmental effects are foreseen.

13. Disposal considerations

Is not classified as hazardous. Subject to local authority disposal requirements.

14. Transport information

Classification for conveyance not required.

15. Regulatory information

Hazard label data:
This product is NOT classified as dangerous for supply in the UK.
Statutory instruments:
Health & Safety at Work, etc Act 1974
Consumer Protection Act 1987
COSHH 2002
Environmental Protection Act 1990

Guidance notes:
Occupational Exposure Limits (EH40) – (Current issue)
Local Exhaust Ventilation (HS(G)37)
Crystalline Silica (EH59) Dust, General Principles of Protection (EH44)
Control of Respirable Crystalline Silica in Quarries (HS(G)73)
Waste Management – The Duty of Care
The above publications are available from HMSO or HSE.

16. Other information

The data and advice given above apply when the substance is used as intended. Use of the substance for other applications may give rise to risks not mentioned. The information contained within this safety data sheet does not constitute the user's own assessment of risk as required by other health and safety legislation, i.e. COSHH 2002, MHSWR 1999.

If you have purchased the product for supply to a third party for use at work, it is your duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

If you are an employer, it is your duty to tell your employees and others who may be affected of any hazards described in this sheet and of any precautions, which should be taken. Further copies of this safety data sheet may be obtained from your local sales office or the address (right).

Hanson Quarry Products Europe
The Ridge
Chipping Sodbury
Bristol BS37 6AY

Tel 01454 316000
Fax 01454 325161

HQP/FJ/58/04/01

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
24 September 2008

Dear Christian Wilkinson

Test Report Number **101167**
Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 10 September 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☐ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☒ Keith Jones	Technical Development Chemist
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 5 samples
received 10 September 2008

Durham Rd, Newport

Chemtest

Report Date
24 September 2008

Login Batch No					101167				
Chemtest LIMS ID					AD45197	AD45198	AD45199	AD45200	AD45201
Sample ID					CS06	CS07	CS08	CS09	CS10
Sample No									
Depth					0	0	0	0	0
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*					
1015	Acid Neutralisation Capacity	ANC	mol kg⁻¹	N	0.047	0.086	0.068	0.141	0.025
2625	Total Organic Carbon		%	M	7.7	6.7	8.6	10	16
2670	TPH Total WAC		mg kg⁻¹	N	< 10	< 10	< 10	< 10	< 10
2700	Naphthalene	91203	mg kg⁻¹	M	<0.1	<0.1	<0.1	<0.1	<0.1
	Acenaphthylene	208968	mg kg⁻¹	M	<0.1	<0.1	<0.1	0.1	<0.1
	Acenaphthene	83329	mg kg⁻¹	M	<0.1	<0.1	<0.1	<0.1	<0.1
	Fluorene	86737	mg kg⁻¹	M	<0.1	<0.1	<0.1	0.2	<0.1
	Phenanthrene	85018	mg kg⁻¹	M	0.1	<0.1	<0.1	4	<0.1
	Anthracene	120127	mg kg⁻¹	M	<0.1	<0.1	<0.1	1.4	<0.1
	Fluoranthene	206440	mg kg⁻¹	M	0.2	<0.1	<0.1	6	3.7
	Pyrene	129000	mg kg⁻¹	M	<0.1	<0.1	<0.1	4.9	2.9
	Benzo[a]anthracene	56553	mg kg⁻¹	M	<0.1	<0.1	<0.1	2.8	2.1
	Chrysene	218019	mg kg⁻¹	M	<0.1	<0.1	<0.1	3	2.4
	Benzo[b]fluoranthene	205992	mg kg⁻¹	M	<0.1	<0.1	<0.1	2.8	2.2
	Benzo[k]fluoranthene	207089	mg kg⁻¹	M	<0.1	<0.1	<0.1	2.7	2
	Benzo[a]pyrene	50328	mg kg⁻¹	M	<0.1	<0.1	<0.1	3.3	2.9
	Dibenzo[a,h]anthracene	53703	mg kg⁻¹	M	<0.1	<0.1	<0.1	2.1	1.5
	Indeno[1,2,3-cd]pyrene	193395	mg kg⁻¹	M	<0.1	<0.1	<0.1	<0.1	<0.1
	Benzo[g,h,i]perylene	191242	mg kg⁻¹	M	<0.1	<0.1	<0.1	1.7	1.3
	Coronene	191071	mg kg⁻¹	N	<0.1	<0.1	<0.1	<0.1	<0.1
	Total (of 17) PAHs		mg kg⁻¹	N	<2	<2	<2	35	21
2760	Benzene	71432	µg kg⁻¹	M	<1	<1	<1	<1	<1
	Toluene	108883	µg kg⁻¹	M	<1	<1	<1	<1	<1
	Ethyl benzene	100414	µg kg⁻¹	M	<1	<1	<1	<1	<1
	m- & p-Xylene	1330207	µg kg⁻¹	M	<1	<1	<1	<1	<1
	o-Xylene	95476	µg kg⁻¹	M	<1	<1	<1	<1	<1
2761	Total BTEX		mg kg⁻¹	M	<0.005	<0.005	<0.005	<0.005	<0.005
2810	PCB 28	7012375	mg kg⁻¹	N	<0.1	<0.1	<0.1	<0.1	<0.1
	PCB 52	35693993	mg kg⁻¹	N	<0.1	<0.1	<0.1	<0.1	<0.1

All tests undertaken between 12-Sep-2008 and 24-Sep-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

LABORATORY TEST REPORT

Results of analysis of 5 samples
received 10 September 2008

Durham Rd, Newport

Chemtest

Report Date
24 September 2008

FAO Christian Wilkinson

					101167				
					AD45197	AD45198	AD45199	AD45200	AD45201
					CS06	CS07	CS08	CS09	CS10
					0	0	0	0	0
					SOIL	*SOIL*	*SOIL*	*SOIL*	*SOIL*
2810	PCB 101	37680732	mg kg-¹	N	<0.1	<0.1	<0.1	<0.1	<0.1
	PCB 118	31508006	mg kg-¹	N	<0.1	<0.1	<0.1	<0.1	<0.1
	PCB 138	35065282	mg kg-¹	N	<0.1	<0.1	<0.1	<0.1	<0.1
	PCB 153	35065271	mg kg-¹	N	<0.1	<0.1	<0.1	<0.1	<0.1
	PCB 180	35065293	mg kg-¹	N	<0.1	<0.1	<0.1	<0.1	<0.1
2811	Total PCBs (7 congeners)		mg kg-¹	N	<1	<1	<1	<1	<1
2010	pH		-	M	8.9	8.9	9.2	10.8	8.6
2610	Loss on ignition		%	N	2.61	1.33	0.79	8.76	21.8

All tests undertaken between 12-Sep-2008 and 24-Sep-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Waste Acceptance Criteria BS EN 12457 Part 3 2 Stage

Results of analysis of 5 samples
received 10 September 2008

Durham Rd, Newport

Chemtest

Report Date
24 September 2008

Login Batch No					101167				
Chemtest LIMS ID					AD45202	AD45203	AD45204	AD45205	AD45206
Sample ID					CS06	CS07	CS08	CS09	CS10
Sample No									
Depth					0	0	0	0	0
Matrix					*LEACHATE*	*LEACHATE*	*LEACHATE*	*LEACHATE*	*LEACHATE*
Determinand↓	SOP↓	*	CAS No↓	Units↓					
As (arsenic) L/S=2	1450	N	7440382	mg kg⁻¹	<0.05	<0.05	<0.05	<0.05	<0.05
As (arsenic) L/S=10	1450	N	7440382	mg kg⁻¹	<0.05	<0.05	<0.05	<0.05	<0.05
Ba (barium) L/S=2	1450	N	7440393	mg kg⁻¹	0.67	<0.5	<0.5	0.7	<0.5
Ba (barium) L/S=10	1450	N	7440393	mg kg⁻¹	8.54	6.79	3.82	7.08	2.56
Cd (cadmium) L/S=2	1450	N	7440439	mg kg⁻¹	<0.01	<0.01	<0.01	<0.01	<0.01
Cd (cadmium) L/S=10	1450	N	7440439	mg kg⁻¹	<0.01	<0.01	<0.01	<0.01	<0.01
Cr (chromium) L/S=2	1450	N	7440473	mg kg⁻¹	<0.05	<0.05	<0.05	<0.05	<0.05
Cr (chromium) L/S=10	1450	N	7440473	mg kg⁻¹	0.1	0.07	0.08	0.08	0.09
Cu (copper) L/S=2	1450	N	7440508	mg kg⁻¹	<0.05	<0.05	<0.05	<0.05	<0.05
Cu (copper) L/S=10	1450	N	7440508	mg kg⁻¹	0.13	0.14	0.18	0.17	0.17
Hg (mercury) L/S=2	1450	N	7439976	mg kg⁻¹	<0.005	<0.005	<0.005	<0.005	<0.005
Hg (mercury) L/S=10	1450	N	7439976	mg kg⁻¹	<0.005	<0.005	<0.005	<0.005	<0.005
Mo (molybdenum) L/S=2	1450	N	7439987	mg kg⁻¹	<0.05	<0.05	<0.05	<0.05	<0.05
Mo (molybdenum) L/S=10	1450	N	7439987	mg kg⁻¹	<0.05	<0.05	<0.05	<0.05	<0.05
Ni (nickel) L/S=2	1450	N	7440020	mg kg⁻¹	<0.05	<0.05	<0.05	<0.05	<0.05
Ni (nickel) L/S=10	1450	N	7440020	mg kg⁻¹	<0.05	<0.05	<0.05	<0.05	<0.05
Pb (lead) L/S=2	1450	N	7439921	mg kg⁻¹	<0.05	<0.05	<0.05	<0.05	<0.05
Pb (lead) L/S=10	1450	N	7439921	mg kg⁻¹	0.19	0.06	<0.05	<0.05	<0.05
Sb (antimony) L/S=2	1450	N	7440360	mg kg⁻¹	<0.01	<0.01	<0.01	<0.01	<0.01
Sb (antimony) L/S=10	1450	N	7440360	mg kg⁻¹	0.01	0.01	<0.01	<0.01	<0.01
Se (selenium) L/S=2	1450	N	7782492	mg kg⁻¹	<0.01	<0.01	<0.01	<0.01	<0.01
Se (selenium) L/S=10	1450	N	7782492	mg kg⁻¹	<0.01	<0.01	<0.01	<0.01	<0.01
Zn (zinc) L/S=2	1450	N	7440666	mg kg⁻¹	<0.5	<0.5	<0.5	<0.5	<0.5
Zn (zinc) L/S=10	1450	N	7440666	mg kg⁻¹	<0.5	<0.5	<0.5	<0.5	<0.5
Cl (chloride) L/S=2	1220	U	16887006	mg kg⁻¹	89.8	140	156	114	19.4
Cl (chloride) L/S=10	1220	U	16887006	mg kg⁻¹	183	262	193	190	43.2
F (fluoride) L/S=2	1220	U	16984488	mg kg⁻¹	<1	<1	<1	<1	<1
F (fluoride) L/S=10	1220	U	16984488	mg kg⁻¹	1.45	1.33	2.49	1.68	3.38
SO4 (sulfate) L/S=2	1220	U	14808798	mg kg⁻¹	49.2	55.2	87.1	47.4	56.8

All tests undertaken between 12-Sep-2008 and 24-Sep-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Waste Acceptance Criteria BS EN 12457 Part 3 2 Stage

Results of analysis of 5 samples
received 10 September 2008

Durham Rd, Newport

Chemtest

Report Date
24 September 2008

					101167				
					AD45202	AD45203	AD45204	AD45205	AD45206
					CS06	CS07	CS08	CS09	CS10
					0	0	0	0	0
					LEACHATE	*LEACHATE*	*LEACHATE*	*LEACHATE*	*LEACHATE*
SO4 (sulfate) L/S=10	1220	U	14808798	mg kg-¹	145	147	145	128	147
Total Dissolved Solids L/S=2	1610	N	TDS	mg kg-¹	420	500	579	460	280
Total Dissolved Solids L/S=10	1610	N	TDS	mg kg-¹	1170	1300	1270	1160	898
Phenol index L/S=2	1920	N	108952	mg kg-¹	<0.5	<0.5	<0.5	<0.5	<0.5
Phenol index L/S=10	1920	N	108952	mg kg-¹	<0.5	<0.5	<0.5	<0.5	<0.5
Dissolved Organic Carbon L/S=2	1610	N	DOC	mg kg-¹	52	54	59.9	60	60
Dissolved Organic Carbon L/S=10	1610	N	DOC	mg kg-¹	268	287	300	317	300

All tests undertaken between 12-Sep-2008 and 24-Sep-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
03 September 2008

Dear Christian Wilkinson

Test Report Number **91851**

Your Project Reference **Durham Rd, Newport - F15285**

Please find enclosed the results of analysis for the samples received 26 August 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall Laboratory Manager
□ Phil Hellier Operations Director
□ Keith Jones Technical Development Chemist
□ John Crawford Quality Manager
□ Malcolm Avis Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
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- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 5 samples
received 26 August 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
03 September 2008

Login Batch No					91851				
Chemtest LIMS ID					AD39522	AD39523	AD39524	AD39525	AD39526
Sample ID					CS01	CS02	CS03	CS04	CS05
Sample No									
Depth									
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*					
2450	Arsenic	7440382	mg kg⁻¹	M	50	39	74	73	77
	Cadmium	7440439	mg kg⁻¹	M	1.6	39	88	2.3	47
	Chromium	7440473	mg kg⁻¹	M	23	24	25	27	31
	Lead	7439921	mg kg⁻¹	M	142	1327	3654	102	3038
	Mercury	7439976	mg kg⁻¹	M	0.2	0.4	0.7	0.1	0.8
	Nickel	7440020	mg kg⁻¹	M	12	25	35	14	34
	Selenium	7782492	mg kg⁻¹	M	0.9	0.4	0.4	0.6	<0.2
2670	Total Petroleum Hydrocarbons		mg kg⁻¹	M	< 10	< 10	< 10	< 10	< 10
2701	PAH (total EPA 16)		mg kg⁻¹	M	<2	<2	<2	<2	<2
2760	Benzene	71432	µg kg⁻¹	M	<1	<1	<1	<1	<1
	Toluene	108883	µg kg⁻¹	M	<1	<1	<1	<1	<1
	Ethyl benzene	100414	µg kg⁻¹	M	<1	<1	<1	<1	<1
	m- & p-Xylene	1330207	µg kg⁻¹	M	<1	<1	<1	<1	<1
	o-Xylene	95476	µg kg⁻¹	M	<1	<1	<1	<1	<1
2810	2,4,4'-Trichlorobiphenyl	7012375	mg kg⁻¹	N	<0.1	<0.1	<0.1	<0.1	<0.1
	2,2',5,5'-Tetrachlorobiphenyl	35693993	mg kg⁻¹	N	<0.1	<0.1	<0.1	<0.1	<0.1
	2,2',4,5,5'-Pentachlorobiphenyl	37680732	mg kg⁻¹	N	<0.1	<0.1	<0.1	<0.1	<0.1
	2,3,4,4',5-Pentachlorobiphenyl	31508006	mg kg⁻¹	N	<0.1	<0.1	<0.1	<0.1	<0.1
	2,2',3,4,4',5-Hexachlorobiphenyl	35065282	mg kg⁻¹	N	<0.1	<0.1	<0.1	<0.1	<0.1
	2,2',4,4',5,5'-Hexachlorobiphenyl	35065271	mg kg⁻¹	N	<0.1	<0.1	<0.1	<0.1	<0.1
	2,2',3,4,4',5,5'-Heptachlorobiphenyl	35065293	mg kg⁻¹	N	<0.1	<0.1	<0.1	<0.1	<0.1
2920	Phenols (total)		mg kg⁻¹	M	<0.3	<0.3	<0.3	<0.3	<0.3

All tests undertaken between 28-Aug-2008 and 2-Sep-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson
03 October 2008

Dear Christiaan Wilkinson

Test Report Number **56001**
Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 1 October 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

IGTJones

Authorised Signatory

□ Darrell Hall	Laboratory Manager
□ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Chemist
□ John Crawford	Quality Manager
□ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

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Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

LABORATORY TEST REPORT

Results of analysis of 10 samples
received 01 October 2008

Durham Rd, Newport

Report Date
03 October 2008

FAO Christiaan Wilkinson

Login Batch No					56001				
Chemtest LIMS ID					AD51209	AD51210	AD51211	AD51212	AD51213
Sample ID					CS06	CS07	CS08	CS09	CS10
Sample No									
Depth									
Matrix					*LEACHATE*	*LEACHATE*	*LEACHATE*	*LEACHATE*	*LEACHATE*
SOP↓	Determinand↓	CAS No↓	Units↓	*					
1450	Arsenic	7440382	µg l⁻¹	U	<1	<1	<1	<1	<1
	Cadmium	7440439	µg l⁻¹	U	<0.5	<0.5	<0.5	<0.5	<0.5
	Chromium (total)	7440473	µg l⁻¹	U	<1	<1	<1	<1	<1
	Mercury	7439976	µg l⁻¹	U	<0.5	<0.5	<0.5	<0.5	<0.5
	Nickel	7440020	µg l⁻¹	U	<1	<1	<1	<1	<1
	Lead	7439921	µg l⁻¹	U	1.3	9.3	<1	1.2	<1
	Selenium	7782492	µg l⁻¹	U	<1	<1	<1	<1	<1
1670	TPH (Aqueous Phase)		µg l⁻¹	U	<10	<10	<10	<10	<10
1760	Benzene	71432	µg l⁻¹	U	<1	<1	<1	<1	<1
	Toluene	108883	µg l⁻¹	U	<1	<1	<1	<1	<1
	Ethyl benzene	100414	µg l⁻¹	U	<1	<1	<1	<1	<1
	m- & p-Xylene	1330207	µg l⁻¹	U	<1	<1	<1	<1	<1
	o-Xylene	95476	µg l⁻¹	U	<1	<1	<1	<1	<1
1810	PCBs as Aroclor 1242	53469219	µg l⁻¹	N	<1	<1	<1	<1	<1
1920	Phenols (total)		mg l⁻¹	N	<0.03	<0.03	<0.03	<0.03	<0.03

All tests undertaken between 02-Oct-2008 and 3-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 10 samples
received 01 October 2008

Durham Rd, Newport

Chemtest

Report Date
03 October 2008

Login Batch No					56001				
Chemtest LIMS ID					AD51204	AD51205	AD51206	AD51207	AD51208
Sample ID					CS06	CS07	CS08	CS09	CS10
Sample No									
Depth									
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*					
2450	Arsenic	7440382	mg kg-¹	M	21	42	25	18	14
	Cadmium	7440439	mg kg-¹	M	28	42	5.9	10	<0.1
	Chromium	7440473	mg kg-¹	M	8.7	11	7.2	5.9	5.1
	Mercury	7439976	mg kg-¹	M	0.2	0.3	<0.1	<0.1	<0.1
	Nickel	7440020	mg kg-¹	M	<5	<5	<5	<5	<5
	Lead	7439921	mg kg-¹	M	872	547	299	306	10
	Selenium	7782492	mg kg-¹	M	<0.2	<0.2	<0.2	<0.2	0.2
2920	Phenols (total)		mg kg-¹	M	<0.3	<0.3	<0.3	<0.3	<0.3

All tests undertaken between 02-Oct-2008 and 3-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Elizabeth Stanmore

LABORATORY TEST REPORT

Results of analysis of 8 samples
received 10 October 2008

Durham Rd, Newport

Report Date
14 October 2008

Login Batch No					74478							
Chemtest LIMS ID					AD53742	AD53743	AD53744	AD53745	AD53746	AD53747	AD53748	AD53749
Sample ID					S1	S2	S3	CS11	CS12	CS13	CS14	CS15
Sample No					Topsoil	Topsoil	Topsoil					
Depth					0.05			0.05	0.05	0.05	0.05	0.05
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*								
2450	Arsenic	7440382	mg kg⁻¹	M	22	7.1	12	19	18	15	18	24
	Cadmium	7440439	mg kg⁻¹	M	1.4	0.6	0.7	20	12	7	3.8	11
	Chromium	7440473	mg kg⁻¹	M	39	22	43	8	7.8	7	12	9.5
	Mercury	7439976	mg kg⁻¹	M	0.6	0.2	0.2	<0.1	<0.1	<0.1	<0.1	<0.1
	Nickel	7440020	mg kg⁻¹	M	39	18	26	<5	5.5	<5	6.8	<5
	Lead	7439921	mg kg⁻¹	M	119	71	120	390	324	216	75	102
	Selenium	7782492	mg kg⁻¹	M	0.4	0.3	0.1	<0.2	<0.2	<0.2	<0.2	<0.2
2670	Total Petroleum Hydrocarbons		mg kg⁻¹	M	43	< 10	100	< 10	< 10	< 10	< 10	< 10
2700	Naphthalene	91203	mg kg⁻¹	M	2	1.1	0.8	<0.1	<0.1	<0.1	<0.1	0.1
	Acenaphthylene	208968	mg kg⁻¹	M	0.3	0.2	0.3	<0.1	<0.1	<0.1	<0.1	<0.1
	Acenaphthene	83329	mg kg⁻¹	M	0.3	0.2	0.6	0.3	<0.1	<0.1	<0.1	<0.1
	Fluorene	86737	mg kg⁻¹	M	0.4	0.2	0.2	<0.1	<0.1	<0.1	<0.1	<0.1
	Phenanthrene	85018	mg kg⁻¹	M	0.8	0.4	2.3	<0.1	<0.1	<0.1	<0.1	<0.1
	Anthracene	120127	mg kg⁻¹	M	0.1	<0.1	0.6	<0.1	<0.1	<0.1	<0.1	<0.1
	Fluoranthene	206440	mg kg⁻¹	M	0.9	1	4.2	<0.1	0.2	0.2	0.2	<0.1
	Pyrene	129000	mg kg⁻¹	M	0.6	0.5	3.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Benzo[a]anthracene	56553	mg kg⁻¹	M	0.4	0.4	2.2	<0.1	<0.1	<0.1	<0.1	<0.1
	Chrysene	218019	mg kg⁻¹	M	0.7	0.6	2.7	<0.1	<0.1	<0.1	<0.1	<0.1
	Benzo[b]fluoranthene	205992	mg kg⁻¹	M	0.4	0.7	3.4	<0.1	<0.1	<0.1	<0.1	<0.1
	Benzo[k]fluoranthene	207089	mg kg⁻¹	M	0.7	0.5	2	<0.1	<0.1	<0.1	<0.1	<0.1
	Benzo[a]pyrene	50328	mg kg⁻¹	M	0.2	0.6	3	<0.1	<0.1	<0.1	<0.1	<0.1
	Dibenzo[a,h]anthracene	53703	mg kg⁻¹	M	0.3	0.2	1.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Indeno[1,2,3-cd]pyrene	193395	mg kg⁻¹	M	0.3	0.2	2.3	<0.1	<0.1	<0.1	<0.1	<0.1
	Benzo[g,h,i]perylene	191242	mg kg⁻¹	M	<0.1	0.2	1.6	<0.1	<0.1	<0.1	<0.1	<0.1
	Total (of 16) PAHs		mg kg⁻¹	M	8.3	6.9	30	<2	<2	<2	<2	<2
2760	Benzene	71432	µg kg⁻¹	M	<1	<1	<1	<1	<1	<1	<1	<1
	Toluene	108883	µg kg⁻¹	M	5.4	2.2	1.1	<1	<1	<1	<1	<1
	Ethyl benzene	100414	µg kg⁻¹	M	<1	<1	<1	<1	<1	<1	<1	<1
	m- & p-Xylene	1330207	µg kg⁻¹	M	<1	<1	<1	<1	<1	<1	<1	<1
	o-Xylene	95476	µg kg⁻¹	M	<1	<1	<1	<1	<1	<1	<1	<1

All tests undertaken between 10-Oct-2008 and 14-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Elizabeth Stanmore

LABORATORY TEST REPORT

Results of analysis of 8 samples
received 10 October 2008

Durham Rd, Newport

Report Date
14 October 2008

					74478							
					AD53742	AD53743	AD53744	AD53745	AD53746	AD53747	AD53748	AD53749
					S1	S2	S3	CS11	CS12	CS13	CS14	CS15
					Topsoil	Topsoil	Topsoil					
					0.05			0.05	0.05	0.05	0.05	0.05
					SOIL	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
2810	PCBs as Aroclor 1254	53469219	mg kg-¹	N	<1	<1	<1	<1	<1	<1	<1	<1
2920	Phenols (total)		mg kg-¹	M	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
2030	Moisture		%	n/a	33.3	23.1	17.8	2.91	2.16	11.2	23.9	4.25
	Stone content (as received)		%	n/a	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
2140	Soil colour			n/a	black	brown	brown	brown	brown	brown	brown	brown
	Soil texture			n/a	clay	clay	clay	sand	sand	sand	sand	sand
	Other material			n/a	grass	none	none	stones	stones	stones	stones	stones

All tests undertaken between 10-Oct-2008 and 14-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 5 samples
received 15 October 2008

Durham Rd, Newport

Chemtest

Report Date
17 October 2008

Login Batch No					74543				
Chemtest LIMS ID					AD54976	AD54977	AD54978	AD54979	AD54980
Sample ID					Stockpile	Stockpile	Stockpile	Stockpile	Stockpile
Sample No					CS16	CS17	CS18	CS19	CS20
Depth									
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*					
2450	Arsenic	7440382	mg kg⁻¹	M	35	24	41	32	27
	Cadmium	7440439	mg kg⁻¹	M	13	18	4.6	7.4	5.2
	Chromium	7440473	mg kg⁻¹	M	20	11	21	15	13
	Mercury	7439976	mg kg⁻¹	M	0.9	0.1	<0.1	<0.1	<0.1
	Nickel	7440020	mg kg⁻¹	M	15	7.8	9.8	10	8.3
	Lead	7439921	mg kg⁻¹	M	571	369	168	256	136
	Selenium	7782492	mg kg⁻¹	M	<0.2	<0.2	<0.2	<0.2	<0.2
2670	Total Petroleum Hydrocarbons		mg kg⁻¹	M	1000	< 10	< 10	< 10	< 10
2700	Naphthalene	91203	mg kg⁻¹	M	0.7	0.2	<0.1	<0.1	<0.1
	Acenaphthylene	208968	mg kg⁻¹	M	0.5	<0.1	<0.1	<0.1	<0.1
	Acenaphthene	83329	mg kg⁻¹	M	0.2	<0.1	<0.1	<0.1	<0.1
	Fluorene	86737	mg kg⁻¹	M	0.3	<0.1	<0.1	<0.1	<0.1
	Phenanthrene	85018	mg kg⁻¹	M	1.7	0.2	<0.1	<0.1	<0.1
	Anthracene	120127	mg kg⁻¹	M	1.4	<0.1	<0.1	<0.1	<0.1
	Fluoranthene	206440	mg kg⁻¹	M	2.4	0.2	<0.1	<0.1	<0.1
	Pyrene	129000	mg kg⁻¹	M	2.5	<0.1	<0.1	<0.1	<0.1
	Benzo[a]anthracene	56553	mg kg⁻¹	M	0.6	<0.1	<0.1	<0.1	<0.1
	Chrysene	218019	mg kg⁻¹	M	0.9	<0.1	<0.1	<0.1	<0.1
	Benzo[b]fluoranthene	205992	mg kg⁻¹	M	1.2	<0.1	<0.1	<0.1	<0.1
	Benzo[k]fluoranthene	207089	mg kg⁻¹	M	0.4	<0.1	<0.1	<0.1	<0.1
	Benzo[a]pyrene	50328	mg kg⁻¹	M	0.7	<0.1	<0.1	<0.1	<0.1
	Dibenzo[a,h]anthracene	53703	mg kg⁻¹	M	0.2	<0.1	<0.1	<0.1	<0.1
	Indeno[1,2,3-cd]pyrene	193395	mg kg⁻¹	M	0.6	<0.1	<0.1	<0.1	<0.1
	Benzo[g,h,i]perylene	191242	mg kg⁻¹	M	<0.1	<0.1	<0.1	<0.1	<0.1
	Total (of 16) PAHs		mg kg⁻¹	M	14	<2	<2	<2	<2
2760	Benzene	71432	µg kg⁻¹	M	<1	<1	<1	<1	<1
	Toluene	108883	µg kg⁻¹	M	<1	<1	<1	<1	<1
	Ethyl benzene	100414	µg kg⁻¹	M	<1	<1	<1	<1	<1
	m- & p-Xylene	1330207	µg kg⁻¹	M	<1	<1	<1	<1	<1
	o-Xylene	95476	µg kg⁻¹	M	<1	<1	<1	<1	<1

All tests undertaken between 16-Oct-2008 and 17-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

LABORATORY TEST REPORT

Results of analysis of 5 samples
received 15 October 2008

Durham Rd, Newport

Report Date
17 October 2008

FAO Christiaan Wilkinson

					74543				
					AD54976	AD54977	AD54978	AD54979	AD54980
					Stockpile	Stockpile	Stockpile	Stockpile	Stockpile
					CS16	CS17	CS18	CS19	CS20
					SOIL	*SOIL*	*SOIL*	*SOIL*	*SOIL*
2810	PCBs as Aroclor 1254	53469219	mg kg-¹	N	<1	<1	<1	<1	<1
2920	Phenols (total)		mg kg-¹	M	<0.3	<0.3	<0.3	<0.3	<0.3
2030	Moisture		%	n/a	2.71	2.51	1.29	1.28	0.63
	Stone content (as received)		%	n/a	<0.02	<0.02	<0.02	<0.02	<0.02
2140	Soil colour			n/a	brown	brown	brown	brown	brown
	Soil texture			n/a	sand	sand	sand	sand	sand
	Other material			n/a	none	none	none	none	none

All tests undertaken between 16-Oct-2008 and 17-Oct-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson
11 November 2008

Dear C Wilkinson

Test Report Number **74796**
Your Project Reference **Durham Rd, Newport - F15285**

Please find enclosed the results of analysis for the samples received 7 November 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

KTJones

Authorised Signatory

☐ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 5 samples
received 07 November 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
11 November 2008

Login Batch No					74796				
Chemtest LIMS ID					AD61268	AD61269	AD61270	AD61271	AD61272
Sample ID					Quarry	Quarry	Quarry	Quarry	Quarry
Sample No					HG	HM	HL	TA	CE
Depth									
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*					
2450	Arsenic	7440382	mg kg-1	M	3.2	18	26	23	34
	Cadmium	7440439	mg kg-1	M	<0.1	5.5	<0.1	2.3	1.1
	Chromium	7440473	mg kg-1	M	20	7.9	11	140	30
	Mercury	7439976	mg kg-1	M	<0.1	<0.1	<0.1	0.16	0.91
	Nickel	7440020	mg kg-1	M	31	5.9	<5	38	47
	Lead	7439921	mg kg-1	M	5.8	190	13	140	560
	Selenium	7782492	mg kg-1	M	<0.2	<0.2	<0.2	<0.2	<0.2
2670	Total Petroleum Hydrocarbons		mg kg-1	M	< 10	< 10	< 10	< 10	< 10
2700	Naphthalene	91203	mg kg-1	M	0.1	<0.1	<0.1	0.3	1
	Acenaphthylene	208968	mg kg-1	M	<0.1	0.2	<0.1	<0.1	0.1
	Acenaphthene	83329	mg kg-1	M	0.2	0.2	<0.1	0.5	1.1
	Fluorene	86737	mg kg-1	M	<0.1	<0.1	<0.1	<0.1	0.6
	Phenanthrene	85018	mg kg-1	M	0.1	<0.1	<0.1	0.6	2.3
	Anthracene	120127	mg kg-1	M	<0.1	<0.1	<0.1	0.1	0.4
	Fluoranthene	206440	mg kg-1	M	<0.1	<0.1	<0.1	0.5	2.7
	Pyrene	129000	mg kg-1	M	<0.1	1.8	2.1	4.6	3.9
	Benzo[a]anthracene	56553	mg kg-1	M	<0.1	<0.1	<0.1	0.3	1.1
	Chrysene	218019	mg kg-1	M	<0.1	<0.1	<0.1	<0.1	1.9
	Benzo[b]fluoranthene	205992	mg kg-1	M	<0.1	<0.1	<0.1	<0.1	1.6
	Benzo[k]fluoranthene	207089	mg kg-1	M	<0.1	<0.1	<0.1	<0.1	1
	Benzo[a]pyrene	50328	mg kg-1	M	<0.1	<0.1	<0.1	<0.1	0.2
	Dibenzo[a,h]anthracene	53703	mg kg-1	M	<0.1	<0.1	<0.1	<0.1	<0.1
	Indeno[1,2,3-cd]pyrene	193395	mg kg-1	M	<0.1	<0.1	<0.1	<0.1	<0.1
	Benzo[g,h,i]perylene	191242	mg kg-1	M	<0.1	<0.1	<0.1	<0.1	<0.1
	Total (of 16) PAHs		mg kg-1	M	<2	2.3	2.1	6.7	18
2760	Benzene	71432	µg kg-1	M	<1	<1	<1	<1	<1
	Toluene	108883	µg kg-1	M	10	<1	<1	<1	<1
	Ethyl benzene	100414	µg kg-1	M	<1	<1	<1	<1	<1
	m- & p-Xylene	1330207	µg kg-1	M	14	<1	<1	<1	<1
	o-Xylene	95476	µg kg-1	M	<1	<1	<1	<1	<1

All tests undertaken between 10-Nov-2008 and 11-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 5 samples
received 07 November 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
11 November 2008

					74796				
					AD61268	AD61269	AD61270	AD61271	AD61272
					Quarry	Quarry	Quarry	Quarry	Quarry
					HG	HM	HL	TA	CE
					SOIL	*SOIL*	*SOIL*	*SOIL*	*SOIL*
2810	PCBs as Aroclor 1254	53469219	mg kg-¹	N	<1	<1	<1	<1	<1
2920	Phenols (total)		mg kg-¹	M	<0.3	<0.3	<0.3	<0.3	<0.3

All tests undertaken between 10-Nov-2008 and 11-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
18 November 2008

Dear Christian Wilkinson

Test Report Number **101894**
Your Project Reference **Durham Rd, Newport - F15285**

Please find enclosed the results of analysis for the samples received 14 November 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☐	Darrell Hall	Laboratory Manager
☐	Phil Hellier	Operations Director
☑	Keith Jones	Technical Development Manager
☐	John Crawford	Quality Manager
☐	Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

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Registered in England & Wales - Registration Number 6511736 - Registered Office: 11 Depot Road Newmarket Suffolk CB8 0AL

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 1 sample
received 14 November 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
18 November 2008

Login Batch No					**101894**
Chemtest LIMS ID					AD63567
Sample ID					Quarry
Sample No					L.A
Depth					
Matrix					*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*	
2450	Arsenic	7440382	mg kg-1	M	4.5
	Cadmium	7440439	mg kg-1	M	<0.1
	Chromium	7440473	mg kg-1	M	29
	Mercury	7439976	mg kg-1	M	<0.1
	Nickel	7440020	mg kg-1	M	38
	Lead	7439921	mg kg-1	M	20
	Selenium	7782492	mg kg-1	M	<0.2
2670	Total Petroleum Hydrocarbons		mg kg-1	M	60
2700	Naphthalene	91203	mg kg-1	M	0.2
	Acenaphthylene	208968	mg kg-1	M	0.1
	Acenaphthene	83329	mg kg-1	M	0.3
	Fluorene	86737	mg kg-1	M	<0.1
	Phenanthrene	85018	mg kg-1	M	0.3
	Anthracene	120127	mg kg-1	M	<0.1
	Fluoranthene	206440	mg kg-1	M	0.5
	Pyrene	129000	mg kg-1	M	0.4
	Benzo[a]anthracene	56553	mg kg-1	M	0.1
	Chrysene	218019	mg kg-1	M	0.1
	Benzo[b]fluoranthene	205992	mg kg-1	M	0.1
	Benzo[k]fluoranthene	207089	mg kg-1	M	0.2
	Benzo[a]pyrene	50328	mg kg-1	M	<0.1
	Dibenzo[a,h]anthracene	53703	mg kg-1	M	0.1
	Indeno[1,2,3-cd]pyrene	193395	mg kg-1	M	<0.1
	Benzo[g,h,i]perylene	191242	mg kg-1	M	<0.1
	Total (of 16) PAHs		mg kg-1	M	2.4
2760	Benzene	71432	µg kg-1	M	<1
	Toluene	108883	µg kg-1	M	1.9
	Ethyl benzene	100414	µg kg-1	M	1.5
	m- & p-Xylene	1330207	µg kg-1	M	4.6
	o-Xylene	95476	µg kg-1	M	2.6

All tests undertaken between 17-Nov-2008 and 18-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 1 sample
received 14 November 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
18 November 2008

					101894
					AD63567
					Quarry
					L.A
					SOIL
2810	PCBs as Aroclor 1242	53469219	mg kg-¹	M	<1
2920	Phenols (total)		mg kg-¹	M	<0.3

All tests undertaken between 17-Nov-2008 and 18-Nov-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson
04 December 2008

Dear Christiaan Wilkinson

Test Report Number **48777**
Your Project Reference **Durham Road**

Please find enclosed the results of analysis for the samples received 1 December 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☐ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☑ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

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Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 7 samples
received 01 December 2008

Durham Road

Chemtest

Report Date
04 December 2008

Login Batch No					48777						
Chemtest LIMS ID					AD67776	AD67777	AD67778	AD67779	AD67780	AD67781	AD67782
Sample ID					MP1	MP2	MP3	MP4	MP5	MP6	MP7
Sample No											
Depth											
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*							
2450	Arsenic	7440382	mg kg⁻¹	M	12	11	8.2	9.4	19	10	6.1
	Cadmium	7440439	mg kg⁻¹	M	0.26	0.20	0.20	0.16	0.40	0.24	0.24
	Chromium	7440473	mg kg⁻¹	M	28	27	25	30	23	23	33
	Mercury	7439976	mg kg⁻¹	M	<0.1	<0.1	<0.1	<0.1	0.13	<0.1	<0.1
	Nickel	7440020	mg kg⁻¹	M	51	50	46	49	62	49	51
	Lead	7439921	mg kg⁻¹	M	16	17	13	9.1	16	15	9.2
	Selenium	7782492	mg kg⁻¹	M	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
2670	Total Petroleum Hydrocarbons		mg kg⁻¹	M	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2700	Naphthalene	91203	mg kg⁻¹	M	0.3	0.2	0.2	0.1	0.4	0.4	<0.1
	Acenaphthylene	208968	mg kg⁻¹	M	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	0.1
	Acenaphthene	83329	mg kg⁻¹	M	0.5	0.4	0.3	0.2	0.6	1.1	<0.1
	Fluorene	86737	mg kg⁻¹	M	0.3	0.2	0.3	0.2	0.4	<0.1	0.1
	Phenanthrene	85018	mg kg⁻¹	M	0.5	0.5	0.4	0.2	0.6	1	0.3
	Anthracene	120127	mg kg⁻¹	M	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Fluoranthene	206440	mg kg⁻¹	M	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Pyrene	129000	mg kg⁻¹	M	0.5	0.2	0.5	0.3	0.5	0.7	0.4
	Benzo[a]anthracene	56553	mg kg⁻¹	M	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Chrysene	218019	mg kg⁻¹	M	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Benzo[b]fluoranthene	205992	mg kg⁻¹	M	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Benzo[k]fluoranthene	207089	mg kg⁻¹	M	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Benzo[a]pyrene	50328	mg kg⁻¹	M	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Dibenzo[a,h]anthracene	53703	mg kg⁻¹	M	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Indeno[1,2,3-cd]pyrene	193395	mg kg⁻¹	M	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Benzo[g,h,i]perylene	191242	mg kg⁻¹	M	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Total (of 16) PAHs		mg kg⁻¹	M	2.1	<2	<2	<2	2.4	3.1	<2
2760	Benzene	71432	µg kg⁻¹	M	<1	<1	<1	<1	<1	<1	<1
	Toluene	108883	µg kg⁻¹	M	<1	<1	<1	<1	<1	<1	<1
	Ethyl benzene	100414	µg kg⁻¹	M	<1	<1	<1	<1	<1	<1	<1
	m- & p-Xylene	1330207	µg kg⁻¹	M	<1	<1	<1	<1	<1	<1	<1
	o-Xylene	95476	µg kg⁻¹	M	<1	<1	<1	<1	<1	<1	<1
2810	PCBs as Aroclor 1242	53469219	mg kg⁻¹	M	<1	<1	<1	<1	<1	<1	<1

All tests undertaken between 02-Dec-2008 and 4-Dec-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 7 samples
received 01 December 2008

Durham Road

Chemtest

Report Date
04 December 2008

					48777						
					AD67776	AD67777	AD67778	AD67779	AD67780	AD67781	AD67782
					MP1	MP2	MP3	MP4	MP5	MP6	MP7
					SOIL	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
2920	Phenols (total)		mg kg-¹	N	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3

All tests undertaken between 02-Dec-2008 and 4-Dec-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson
16 December 2008

Dear C Wilkinson

Test Report Number **75083**
Your Project Reference **Durham Rd, Newport - F15285**

Please find enclosed the results of analysis for the samples received 12 December 2008.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall	Laboratory Manager
□ Phil Hellier	Operations Director
□ Keith Jones	Technical Development Manager
□ John Crawford	Quality Manager
□ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

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- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
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- *The results relate only to the items tested*

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Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 8 samples
received 12 December 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
16 December 2008

Login Batch No					75083							
Chemtest LIMS ID					AD70565	AD70566	AD70567	AD70568	AD70569	AD70570	AD70571	AD70572
Sample ID					MP 08	MP 09	MP 10	MP 11	MP 12	MP 13	MP 14	MP 15
Sample No												
Depth												
Matrix					*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*								
2450	Arsenic	7440382	mg kg⁻¹	M	14	6.9	10	11	7.4	11	7.5	8.4
	Cadmium	7440439	mg kg⁻¹	M	0.23	<0.1	0.25	0.21	0.24	0.28	0.17	0.27
	Chromium	7440473	mg kg⁻¹	M	43	26	30	27	25	27	24	32
	Mercury	7439976	mg kg⁻¹	M	0.20	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Nickel	7440020	mg kg⁻¹	M	59	46	57	55	46	55	45	56
	Lead	7439921	mg kg⁻¹	M	140	16	19	18	14	16	11	18
	Selenium	7782492	mg kg⁻¹	M	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
2670	Total Petroleum Hydrocarbons		mg kg⁻¹	M	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
2700	Naphthalene	91203	mg kg⁻¹	M	0.2	0.2	0.5	<0.1	0.2	0.3	0.2	0.3
	Acenaphthylene	208968	mg kg⁻¹	M	0.5	0.2	0.2	<0.1	0.1	0.2	0.2	<0.1
	Acenaphthene	83329	mg kg⁻¹	M	0.7	0.5	0.4	<0.1	0.2	0.9	0.1	<0.1
	Fluorene	86737	mg kg⁻¹	M	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Phenanthrene	85018	mg kg⁻¹	M	3.5	0.3	0.4	<0.1	0.5	0.4	0.4	0.2
	Anthracene	120127	mg kg⁻¹	M	1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Fluoranthene	206440	mg kg⁻¹	M	4.4	1	2.5	<0.1	1.6	0.7	1.3	2.5
	Pyrene	129000	mg kg⁻¹	M	3.4	0.2	<0.1	<0.1	<0.1	0.2	0.3	0.3
	Benzo[a]anthracene	56553	mg kg⁻¹	M	1.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.6
	Chrysene	218019	mg kg⁻¹	M	1.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Benzo[b]fluoranthene	205992	mg kg⁻¹	M	1.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Benzo[k]fluoranthene	207089	mg kg⁻¹	M	0.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Benzo[a]pyrene	50328	mg kg⁻¹	M	0.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Dibenzo[a,h]anthracene	53703	mg kg⁻¹	M	0.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Indeno[1,2,3-cd]pyrene	193395	mg kg⁻¹	M	1.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Benzo[g,h,i]perylene	191242	mg kg⁻¹	M	1.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Total (of 16) PAHs		mg kg⁻¹	M	25	2.5	3.9	<2	2.6	2.7	2.4	4
2760	Benzene	71432	µg kg⁻¹	M	<1	<1	<1	<1	<1	<1	<1	<1
	Toluene	108883	µg kg⁻¹	M	9.2	10	4.4	3.0	7.5	4.1	26	18
	Ethyl benzene	100414	µg kg⁻¹	M	1.8	1.4	<1	<1	1.1	<1	5.2	3.6
	m- & p-Xylene	1330207	µg kg⁻¹	M	7.2	6.1	2.2	3.2	4.7	2.8	24	15
	o-Xylene	95476	µg kg⁻¹	M	2.3	2.2	<1	1.3	1.7	1.2	11	7.3
2810	PCBs as Aroclor 1242	53469219	mg kg⁻¹	M	<1	<1	<1	<1	<1	<1	<1	<1

All tests undertaken between 15-Dec-2008 and 16-Dec-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 8 samples
received 12 December 2008

Durham Rd, Newport - F15285

Chemtest

Report Date
16 December 2008

					75083							
					AD70565	AD70566	AD70567	AD70568	AD70569	AD70570	AD70571	AD70572
					MP 08	MP 09	MP 10	MP 11	MP 12	MP 13	MP 14	MP 15
					SOIL	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*	*SOIL*
2920	Phenols (total)		mg kg-¹	N	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3

All tests undertaken between 15-Dec-2008 and 16-Dec-2008

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 2 sample received 09 January 2009

F15285 - Durham Rd, Newport

Report Date
13 January 2009

Login Batch No					48964
Chemtest LIMS ID					AD74249
Sample ID					BULK
Sample No					B001
Depth					
Matrix					*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*	
2450	Arsenic	7440382	mg kg⁻¹	M	8.4
	Cadmium	7440439	mg kg⁻¹	M	0.21
	Chromium	7440473	mg kg⁻¹	M	30
	Mercury	7439976	mg kg⁻¹	M	<0.1
	Nickel	7440020	mg kg⁻¹	M	55
	Lead	7439921	mg kg⁻¹	M	10
	Selenium	7782492	mg kg⁻¹	M	<0.2
2670	Total Petroleum Hydrocarbons		mg kg⁻¹	M	< 10
2700	Naphthalene	91203	mg kg⁻¹	M	0.1
	Acenaphthylene	208968	mg kg⁻¹	M	<0.1
	Acenaphthene	83329	mg kg⁻¹	M	0.2
	Fluorene	86737	mg kg⁻¹	M	0.2
	Phenanthrene	85018	mg kg⁻¹	M	0.3
	Anthracene	120127	mg kg⁻¹	M	<0.1
	Fluoranthene	206440	mg kg⁻¹	M	0.7
	Pyrene	129000	mg kg⁻¹	M	0.3
	Benzo[a]anthracene	56553	mg kg⁻¹	M	0.3
	Chrysene	218019	mg kg⁻¹	M	0.2
	Benzo[b]fluoranthene	205992	mg kg⁻¹	M	<0.1
	Benzo[k]fluoranthene	207089	mg kg⁻¹	M	<0.1
	Benzo[a]pyrene	50328	mg kg⁻¹	M	<0.1
	Dibenzo[a,h]anthracene	53703	mg kg⁻¹	M	<0.1
	Indeno[1,2,3-cd]pyrene	193395	mg kg⁻¹	M	<0.1
	Benzo[g,h,i]perylene	191242	mg kg⁻¹	M	<0.1
	Total (of 16) PAHs		mg kg⁻¹	M	2.3
2760	Benzene	71432	µg kg⁻¹	M	0.42
	Toluene	108883	µg kg⁻¹	M	1.2
	Ethyl benzene	100414	µg kg⁻¹	M	<1
	m- & p-Xylene	1330207	µg kg⁻¹	M	2.0
	o-Xylene	95476	µg kg⁻¹	M	<1
2810	PCBs as Aroclor 1242	53469219	mg kg⁻¹	M	<1

All tests undertaken between 09-Jan-2009 and 13-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

LABORATORY TEST REPORT

Results of analysis of 2 sample received 09 January 2009

Report Date 13 January 2009

FAO Christian Wilkinson

F15285 - Durham Rd, Newport

					48964
					AD74249
					BULK
					B001
					SOIL
2920	Phenols (total)		mg kg-¹	N	<0.3

All tests undertaken between 09-Jan-2009 and 13-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 16 January 2009

Durham Road, Newport

Chemtest

Report Date
20 January 2009

Login Batch No					75232		
Chemtest LIMS ID					AD75566	AD75567	AD75568
Sample ID					B02	B03	B04
Sample No							
Depth							
Matrix					*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
2450	Arsenic	7440382	mg kg⁻¹	M	19	13	7.9
	Cadmium	7440439	mg kg⁻¹	M	0.42	0.25	0.26
	Chromium	7440473	mg kg⁻¹	M	19	23	20
	Mercury	7439976	mg kg⁻¹	M	<0.1	<0.1	<0.1
	Nickel	7440020	mg kg⁻¹	M	52	54	47
	Lead	7439921	mg kg⁻¹	M	14	9.5	6.9
	Selenium	7782492	mg kg⁻¹	M	<0.2	<0.2	<0.2
2670	Total Petroleum Hydrocarbons		mg kg⁻¹	M	< 10	< 10	< 10
2700	Naphthalene	91203	mg kg⁻¹	M	0.2	0.3	0.1
	Acenaphthylene	208968	mg kg⁻¹	M	<0.1	0.1	<0.1
	Acenaphthene	83329	mg kg⁻¹	M	0.3	0.6	0.6
	Fluorene	86737	mg kg⁻¹	M	<0.1	1.3	0.7
	Phenanthrene	85018	mg kg⁻¹	M	0.3	0.5	0.4
	Anthracene	120127	mg kg⁻¹	M	<0.1	<0.1	<0.1
	Fluoranthene	206440	mg kg⁻¹	M	0.3	0.3	0.5
	Pyrene	129000	mg kg⁻¹	M	0.3	0.2	0.1
	Benzo[a]anthracene	56553	mg kg⁻¹	M	<0.1	<0.1	<0.1
	Chrysene	218019	mg kg⁻¹	M	<0.1	<0.1	<0.1
	Benzo[b]fluoranthene	205992	mg kg⁻¹	M	<0.1	<0.1	<0.1
	Benzo[k]fluoranthene	207089	mg kg⁻¹	M	<0.1	<0.1	<0.1
	Benzo[a]pyrene	50328	mg kg⁻¹	M	<0.1	<0.1	<0.1
	Dibenzo[a,h]anthracene	53703	mg kg⁻¹	M	<0.1	<0.1	<0.1
	Indeno[1,2,3-cd]pyrene	193395	mg kg⁻¹	M	<0.1	<0.1	<0.1
	Benzo[g,h,i]perylene	191242	mg kg⁻¹	M	<0.1	<0.1	<0.1
	Total (of 16) PAHs		mg kg⁻¹	M	<2	3.3	2.4
2760	Benzene	71432	µg kg⁻¹	M	0.47	0.45	0.35
	Toluene	108883	µg kg⁻¹	M	5.8	8.1	9.4
	Ethyl benzene	100414	µg kg⁻¹	M	3.6	3.4	6.4
	m- & p-Xylene	1330207	µg kg⁻¹	M	15	13	25
	o-Xylene	95476	µg kg⁻¹	M	9.3	6.7	12
2810	PCBs as Aroclor 1242	53469219	mg kg⁻¹	M	<1	<1	<1

All tests undertaken between 19-Jan-2009 and 20-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 16 January 2009

Durham Road, Newport

Chemtest

Report Date
20 January 2009

					75232		
					AD75566	AD75567	AD75568
					B02	B03	B04
					SOIL	*SOIL*	*SOIL*
2920	Phenols (total)		mg kg-¹	N	<0.3	<0.3	<0.3

All tests undertaken between 19-Jan-2009 and 20-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson
27 January 2009

Dear Christiaan Wilkinson

Test Report Number **75285**
Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 23 January 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

□ Darrell Hall	Laboratory Manager
□ Phil Hellier	Operations Director
□ Keith Jones	Technical Development Manager
□ John Crawford	Quality Manager
□ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

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Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 2 samples
received 23 January 2009

Durham Rd, Newport

Chemtest

Report Date
27 January 2009

Login Batch No					75285	
	Chemtest LIMS ID				AD77009	AD77010
	Sample ID				B05	B06
	Sample No					
	Depth					
	Matrix				*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*		
2450	Arsenic	7440382	mg kg⁻¹	M	9.8	15
	Cadmium	7440439	mg kg⁻¹	M	<0.1	<0.1
	Chromium	7440473	mg kg⁻¹	M	25	36
	Mercury	7439976	mg kg⁻¹	M	<0.1	<0.1
	Nickel	7440020	mg kg⁻¹	M	43	55
	Lead	7439921	mg kg⁻¹	M	10	11
	Selenium	7782492	mg kg⁻¹	M	<0.2	<0.2
2670	Total Petroleum Hydrocarbons		mg kg⁻¹	M	< 10	< 10
2700	Naphthalene	91203	mg kg⁻¹	M	<0.1	0.4
	Acenaphthylene	208968	mg kg⁻¹	M	0.4	0.3
	Acenaphthene	83329	mg kg⁻¹	M	0.4	0.4
	Fluorene	86737	mg kg⁻¹	M	0.9	0.4
	Phenanthrene	85018	mg kg⁻¹	M	0.4	0.5
	Anthracene	120127	mg kg⁻¹	M	<0.1	<0.1
	Fluoranthene	206440	mg kg⁻¹	M	<0.1	0.2
	Pyrene	129000	mg kg⁻¹	M	0.4	0.5
	Benzo[a]anthracene	56553	mg kg⁻¹	M	<0.1	<0.1
	Chrysene	218019	mg kg⁻¹	M	<0.1	<0.1
	Benzo[b]fluoranthene	205992	mg kg⁻¹	M	<0.1	<0.1
	Benzo[k]fluoranthene	207089	mg kg⁻¹	M	<0.1	<0.1
	Benzo[a]pyrene	50328	mg kg⁻¹	M	<0.1	<0.1
	Dibenzo[a,h]anthracene	53703	mg kg⁻¹	M	<0.1	<0.1
	Indeno[1,2,3-cd]pyrene	193395	mg kg⁻¹	M	<0.1	<0.1
	Benzo[g,h,i]perylene	191242	mg kg⁻¹	M	<0.1	<0.1
	Total (of 16) PAHs		mg kg⁻¹	M	2.5	2.6
2760	Benzene	71432	µg kg⁻¹	M	<1	<1
	Toluene	108883	µg kg⁻¹	M	1.8	4.3
	Ethyl benzene	100414	µg kg⁻¹	M	4.1	3.0
	m- & p-Xylene	1330207	µg kg⁻¹	M	19	12
	o-Xylene	95476	µg kg⁻¹	M	9.6	4.7
2810	PCBs as Aroclor 1242	53469219	mg kg⁻¹	M	<1	<1

All tests undertaken between 26-Jan-2009 and 27-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 2 samples
received 23 January 2009

Durham Rd, Newport

Chemtest

Report Date
27 January 2009

					75285	
					AD77009	AD77010
					B05	B06
					SOIL	*SOIL*
2920	Phenols (total)		mg kg-¹	N	<0.3	<0.3

All tests undertaken between 26-Jan-2009 and 27-Jan-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Chemtest

Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson
03 February 2009

Dear Christian Wilkinson

Test Report Number **75347**
Your Project Reference **Durham Rd, Newport**

Please find enclosed the results of analysis for the samples received 30 January 2009.

All soil samples will be retained for a period of one month and all water samples will be retained for 7 days following the date of the test report. Should you require an extended retention period then please detail your requirements in an email to customerservices@chemtest.co.uk. Please be aware that charges may be applicable for extended sample storage.

If you require any further assistance, please do not hesitate to contact the Customer Services team.

Yours sincerely

Authorised Signatory

☑ Darrell Hall	Laboratory Manager
☐ Phil Hellier	Operations Director
☐ Keith Jones	Technical Development Manager
☐ John Crawford	Quality Manager
☐ Malcolm Avis	Technical Director

UKAS TESTING
2183

Notes to accompany report:

- *The sign < means 'less than'*
- *Tests marked 'U' hold UKAS accreditation*
- *Tests marked 'M' hold MCertS (and UKAS) accreditation*
- *Tests marked 'N' do not currently hold UKAS accreditation*
- *Tests marked 'S' were subcontracted to an approved laboratory*
- *n/e means 'not evaluated'*
- *i/s means 'insufficient sample'*
- *u/s means 'unsuitable sample'*
- *Comments or interpretations are beyond the scope of UKAS accreditation*
- *The results relate only to the items tested*

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Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christian Wilkinson

LABORATORY TEST REPORT

Results of analysis of 2 samples
received 30 January 2009

Durham Rd, Newport

Chemtest

Report Date
03 February 2009

Login Batch No					75347	
Chemtest LIMS ID					AD78586	AD78587
Sample ID					B07	B08
Sample No						
Depth						
Matrix					*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*		
2450	Arsenic	7440382	mg kg⁻¹	M	7.6	11
	Cadmium	7440439	mg kg⁻¹	M	0.18	0.32
	Chromium	7440473	mg kg⁻¹	M	21	36
	Mercury	7439976	mg kg⁻¹	M	<0.1	<0.1
	Nickel	7440020	mg kg⁻¹	M	34	50
	Lead	7439921	mg kg⁻¹	M	5.2	6.4
	Selenium	7782492	mg kg⁻¹	M	<0.2	<0.2
2670	Total Petroleum Hydrocarbons		mg kg⁻¹	M	< 10	< 10
2700	Naphthalene	91203	mg kg⁻¹	M	<0.1	0.4
	Acenaphthylene	208968	mg kg⁻¹	M	<0.1	0.2
	Acenaphthene	83329	mg kg⁻¹	M	0.3	0.5
	Fluorene	86737	mg kg⁻¹	M	<0.1	<0.1
	Phenanthrene	85018	mg kg⁻¹	M	0.3	0.5
	Anthracene	120127	mg kg⁻¹	M	<0.1	<0.1
	Fluoranthene	206440	mg kg⁻¹	M	0.1	0.1
	Pyrene	129000	mg kg⁻¹	M	0.3	0.4
	Benzo[a]anthracene	56553	mg kg⁻¹	M	<0.1	<0.1
	Chrysene	218019	mg kg⁻¹	M	0.2	0.2
	Benzo[b]fluoranthene	205992	mg kg⁻¹	M	<0.1	<0.1
	Benzo[k]fluoranthene	207089	mg kg⁻¹	M	<0.1	<0.1
	Benzo[a]pyrene	50328	mg kg⁻¹	M	<0.1	<0.1
	Dibenzo[a,h]anthracene	53703	mg kg⁻¹	M	0.3	<0.1
	Indeno[1,2,3-cd]pyrene	193395	mg kg⁻¹	M	0.4	0.1
	Benzo[g,h,i]perylene	191242	mg kg⁻¹	M	0.2	<0.1
	Total (of 16) PAHs		mg kg⁻¹	M	2.1	2.4
2760	Benzene	71432	µg kg⁻¹	M	<0.1	<0.1
	Toluene	108883	µg kg⁻¹	M	4.2	7.5
	Ethyl benzene	100414	µg kg⁻¹	M	1.2	2.6
	m- & p-Xylene	1330207	µg kg⁻¹	M	4.0	7.5
	o-Xylene	95476	µg kg⁻¹	M	2.6	3.6
2810	PCBs as Aroclor 1242	53469219	mg kg⁻¹	M	<1	<1

All tests undertaken between 02-Feb-2009 and 3-Feb-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

LABORATORY TEST REPORT

Results of analysis of 2 samples
received 30 January 2009

Report Date
03 February 2009

FAO Christian Wilkinson

Durham Rd, Newport

					75347	
					AD78586	AD78587
					B07	B08
					SOIL	*SOIL*
2920	Phenols (total)		mg kg-¹	N	<0.3	<0.3

All tests undertaken between 02-Feb-2009 and 3-Feb-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
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LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 20 February 2009

Durham Rd, Newport - F15285

Chemtest

Report Date
02 March 2009

Login Batch No					93606		
Chemtest LIMS ID					AD82883	AD82884	AD82885
Sample ID					B10	B11	B12
Sample No							
Depth							
Matrix					*SOIL*	*SOIL*	*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*			
2450	Arsenic	7440382	mg kg⁻¹	M	17	6.8	6.5
	Cadmium	7440439	mg kg⁻¹	M	0.21	0.25	0.26
	Chromium	7440473	mg kg⁻¹	M	32	29	36
	Mercury	7439976	mg kg⁻¹	M	0.12	<0.1	<0.1
	Nickel	7440020	mg kg⁻¹	M	51	44	56
	Lead	7439921	mg kg⁻¹	M	10	9.0	13
	Selenium	7782492	mg kg⁻¹	M	<0.2	<0.2	<0.2
2670	Total Petroleum Hydrocarbons		mg kg⁻¹	M	< 10	< 10	< 10
2700	Naphthalene	91203	mg kg⁻¹	M	0.2	0.2	0.3
	Acenaphthylene	208968	mg kg⁻¹	M	0.2	0.2	0.2
	Acenaphthene	83329	mg kg⁻¹	M	0.3	0.2	0.1
	Fluorene	86737	mg kg⁻¹	M	<0.1	<0.1	0.1
	Phenanthrene	85018	mg kg⁻¹	M	0.4	0.4	0.4
	Anthracene	120127	mg kg⁻¹	M	<0.1	<0.1	<0.1
	Fluoranthene	206440	mg kg⁻¹	M	0.1	0.1	0.1
	Pyrene	129000	mg kg⁻¹	M	<0.1	<0.1	<0.1
	Benzo[a]anthracene	56553	mg kg⁻¹	M	<0.1	<0.1	<0.1
	Chrysene	218019	mg kg⁻¹	M	<0.1	<0.1	<0.1
	Benzo[b]fluoranthene	205992	mg kg⁻¹	M	<0.1	<0.1	<0.1
	Benzo[k]fluoranthene	207089	mg kg⁻¹	M	<0.1	<0.1	<0.1
	Benzo[a]pyrene	50328	mg kg⁻¹	M	<0.1	<0.1	<0.1
	Dibenzo[a,h]anthracene	53703	mg kg⁻¹	M	<0.1	<0.1	<0.1
	Indeno[1,2,3-cd]pyrene	193395	mg kg⁻¹	M	<0.1	<0.1	<0.1
	Benzo[g,h,i]perylene	191242	mg kg⁻¹	M	<0.1	<0.1	<0.1
	Total (of 16) PAHs		mg kg⁻¹	M	<2	<2	<2
2760	Benzene	71432	µg kg⁻¹	M	<1	<1	<1
	Toluene	108883	µg kg⁻¹	M	2.8	<1	1.9
	Ethyl benzene	100414	µg kg⁻¹	M	<1	<1	<1
	m- & p-Xylene	1330207	µg kg⁻¹	M	3.6	<1	2.2
	o-Xylene	95476	µg kg⁻¹	M	1.8	<1	1.2
2810	PCBs as Aroclor 1242	53469219	mg kg⁻¹	M	<1	<1	<1

All tests undertaken between 23-Feb-2009 and 25-Feb-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO C Wilkinson

LABORATORY TEST REPORT

Results of analysis of 3 samples
received 20 February 2009

Durham Rd, Newport - F15285

Chemtest

Report Date
02 March 2009

					93606		
					AD82883	AD82884	AD82885
					B10	B11	B12
					SOIL	*SOIL*	*SOIL*
2920	Phenols (total)		mg kg-¹	N	<0.3	<0.3	<0.3

All tests undertaken between 23-Feb-2009 and 25-Feb-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

FAO Christiaan Wilkinson

LABORATORY TEST REPORT

Results of analysis of 1 sample
received 27 February 2009

Durham Rd, Newport - F15285

Chemtest

Report Date
03 March 2009

Login Batch No					**93716**
Chemtest LIMS ID					AD84927
Sample ID					STONE
Sample No					B13
Depth					
Matrix					*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*	
2450	Arsenic	7440382	mg kg⁻¹	M	8.7
	Cadmium	7440439	mg kg⁻¹	M	0.91
	Chromium	7440473	mg kg⁻¹	M	32
	Mercury	7439976	mg kg⁻¹	M	<0.1
	Nickel	7440020	mg kg⁻¹	M	46
	Lead	7439921	mg kg⁻¹	M	12
	Selenium	7782492	mg kg⁻¹	M	<0.2
2670	Total Petroleum Hydrocarbons		mg kg⁻¹	M	< 10
2700	Naphthalene	91203	mg kg⁻¹	M	0.3
	Acenaphthylene	208968	mg kg⁻¹	M	<0.1
	Acenaphthene	83329	mg kg⁻¹	M	<0.1
	Fluorene	86737	mg kg⁻¹	M	<0.1
	Phenanthrene	85018	mg kg⁻¹	M	0.5
	Anthracene	120127	mg kg⁻¹	M	<0.1
	Fluoranthene	206440	mg kg⁻¹	M	<0.1
	Pyrene	129000	mg kg⁻¹	M	<0.1
	Benzo[a]anthracene	56553	mg kg⁻¹	M	<0.1
	Chrysene	218019	mg kg⁻¹	M	<0.1
	Benzo[b]fluoranthene	205992	mg kg⁻¹	M	<0.1
	Benzo[k]fluoranthene	207089	mg kg⁻¹	M	<0.1
	Benzo[a]pyrene	50328	mg kg⁻¹	M	<0.1
	Dibenzo[a,h]anthracene	53703	mg kg⁻¹	M	<0.1
	Indeno[1,2,3-cd]pyrene	193395	mg kg⁻¹	M	<0.1
	Benzo[g,h,i]perylene	191242	mg kg⁻¹	M	<0.1
	Total (of 16) PAHs		mg kg⁻¹	M	<2
2760	Benzene	71432	µg kg⁻¹	M	<1
	Toluene	108883	µg kg⁻¹	M	<1
	Ethyl benzene	100414	µg kg⁻¹	M	<1
	m- & p-Xylene	1330207	µg kg⁻¹	M	<1
	o-Xylene	95476	µg kg⁻¹	M	<1
2810	PCBs as Aroclor 1242	53469219	mg kg⁻¹	M	<1

All tests undertaken between 02-Mar-2009 and 3-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

LABORATORY TEST REPORT

Results of analysis of 1 sample
received 27 February 2009

Durham Rd, Newport - F15285

Report Date
03 March 2009

FAO Christiaan Wilkinson

					93716
					AD84927
					STONE
					B13
					SOIL
2920	Phenols (total)		mg kg-¹	N	<0.3

All tests undertaken between 02-Mar-2009 and 3-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

AMENDED LABORATORY TEST REPORT

Results of analysis of 1 sample
received 13 February 2009

Report Date
06 March 2009

FAO Christiaan Wilkinson

Durran Hill

Login Batch No					**93720**
Chemtest LIMS ID					AD84963
Sample ID					B09
Sample No					
Depth					7
Matrix					*SOIL*
SOP↓	Determinand↓	CAS No↓	Units↓	*	
2450	Arsenic	7440382	mg kg-1	M	7.1
	Cadmium	7440439	mg kg-1	M	<0.1
	Chromium	7440473	mg kg-1	M	35
	Mercury	7439976	mg kg-1	M	<0.1
	Nickel	7440020	mg kg-1	M	28
	Lead	7439921	mg kg-1	M	13
	Selenium	7782492	mg kg-1	M	<0.2
2670	Total Petroleum Hydrocarbons		mg kg-1	M	< 10
2700	Naphthalene	91203	mg kg-1	M	<0.1
	Acenaphthylene	208968	mg kg-1	M	<0.1
	Acenaphthene	83329	mg kg-1	M	<0.1
	Fluorene	86737	mg kg-1	M	<0.1
	Phenanthrene	85018	mg kg-1	M	0.3
	Anthracene	120127	mg kg-1	M	<0.1
	Fluoranthene	206440	mg kg-1	M	0.2
	Pyrene	129000	mg kg-1	M	0.2
	Benzo[a]anthracene	56553	mg kg-1	M	0.2
	Chrysene	218019	mg kg-1	M	0.1
	Benzo[b]fluoranthene	205992	mg kg-1	M	0.1
	Benzo[k]fluoranthene	207089	mg kg-1	M	0.1
	Benzo[a]pyrene	50328	mg kg-1	M	0.1
	Dibenzo[a,h]anthracene	53703	mg kg-1	M	<0.1
	Indeno[1,2,3-cd]pyrene	193395	mg kg-1	M	<0.1
	Benzo[g,h,i]perylene	191242	mg kg-1	M	<0.1
	Total (of 16) PAHs		mg kg-1	M	<2
2760	Benzene	71432	µg kg-1	M	<1
	Toluene	108883	µg kg-1	M	<1
	Ethyl benzene	100414	µg kg-1	M	<1
	m- & p-Xylene	1330207	µg kg-1	M	<1
	o-Xylene	95476	µg kg-1	M	<1

All tests undertaken between 02-Mar-2009 and 3-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Norwest Holst
Parkside Lane
Dewsbury Road
Leeds
LS11 5SX

AMENDED LABORATORY TEST REPORT

Results of analysis of 1 sample
received 13 February 2009

Report Date
06 March 2009

FAO Christiaan Wilkinson

Durran Hill

					93720
					AD84963
					B09
					7
					SOIL
2810	PCBs as Aroclor 1242	53469219	mg kg-¹	M	<1
2920	Phenols (total)		mg kg-¹	N	<0.3

All tests undertaken between 02-Mar-2009 and 3-Mar-2009

* Accreditation status

This report should be interpreted in conjunction with the notes on the accompanying cover page

Topsoil Results

Derwentside Environmental Testing Services

2139

Certificate of Analysis

Certificate Number: 08-24437

Date: 18/12/2008

Client:

Geo Laboratory Testing Services Ltd
Unit 1
Bynea Business Park
Bynea
SA14 9SU

Our Reference: 08-24437

Client Reference: GEO/7215/08

Contract Title: General Purpose Topsoil

Description: 1 soil sample

Date Received: 12/12/2008

Date Started: 12/12/2008

Date Completed: 18/12/2008

Test Procedures: Identified by prefix DETSn, details available upon request.

Notes:

Observations and interpretations are outside the scope of UKAS accreditation
* denotes test not included in laboratory scope of accreditation
# denotes test that holds MCERT accreditation, however, MCERTS accreditation is only implied if the report carries the MCERTS logo
$ denotes tests completed by an approved subcontractor
I/S denotes insufficient sample to carry out test
U/S denotes that the sample is not suitable for testing
DETSM denotes tests carried out by DETS Midlands laboratory
Solid samples will be disposed 1 month and liquids 2 weeks after the date of issue of this test certificate
Asbestos subsamples will be kept for 6 months

Approved By:

Authorised Signatories: Rob Brown
Business Manager

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Unit 2, Park Road Industrial Estate South, Consett, Co Durham, DH8 5PY
Tel: 01207 582333 • Fax 01207 582444 • email: info@dets.co.uk • www.dets.co.uk

Summary of Chemical Analysis
Soil Samples

Our Ref: 08-24437
Client Ref: GEO/7215/08
Contract Title: General Purpose Topsoil

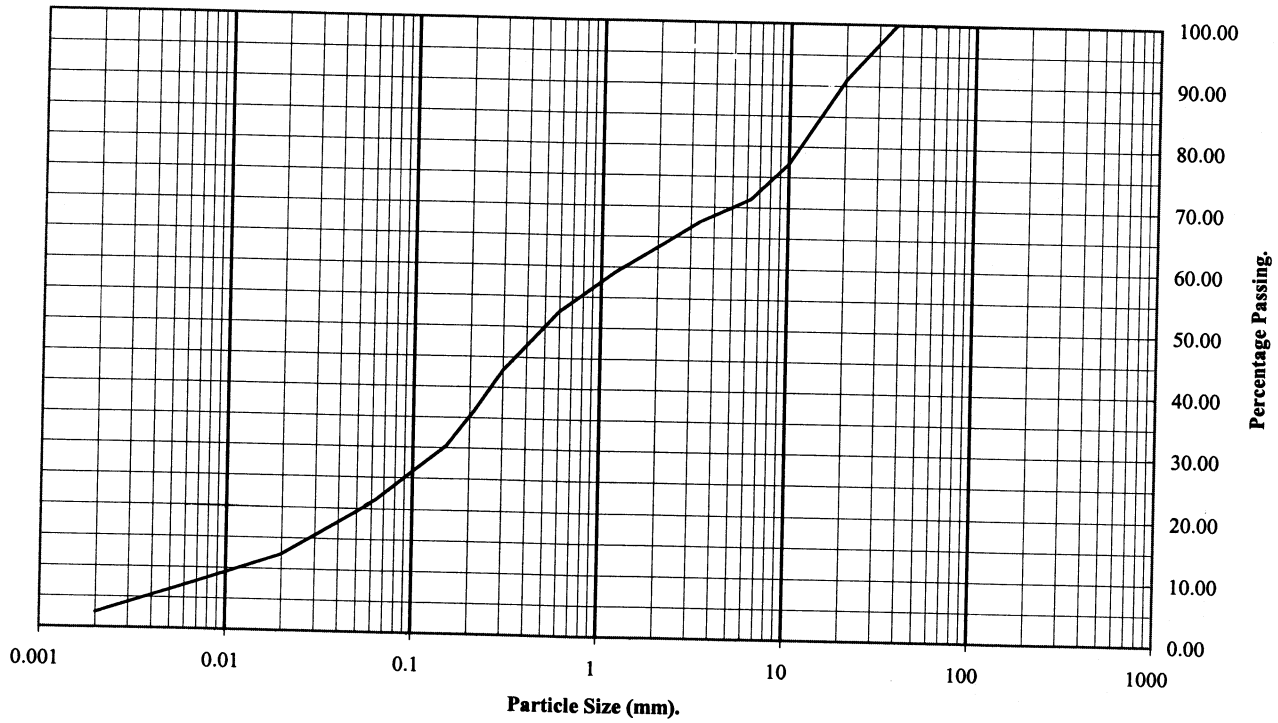
		Lab No.	169037
		Sample Ref	Sample 1
		Depth	
		Other Ref	
		Sample Type	
Test	**Units**	**DETSxx**	
Arsenic	mg/kg	DETS 042#	10
Cadmium	mg/kg	DETS 042#	0.8
Chromium	mg/kg	DETS 042#	22
Copper	mg/kg	DETS 042#	35
Lead	mg/kg	DETS 042#	49
Mercury	mg/kg	DETS 081#	0.09
Nickel	mg/kg	DETS 042#	20
Selenium	mg/kg	DETS 042#	< 0.5
Zinc	mg/kg	DETS 042#	110
Boron (water soluble)	mg/kg	DETS 020#	3.0
Available Phosphorus	mg/kg	DETS 042*	48
Available Magnesium	mg/kg	DETS 042*	230
Available Potassium	mg/kg	DETS 042*	1100
Calcium Carbonate	%		1.6
Thiocyanate	mg/kg	DETS 067#	2.7
Cyanide total	mg/kg	DETS 067#	0.2
Cyanide free	mg/kg	DETS 067#	< 0.1
Conductivity	uS/cm	DETS 009	1400
Loss on ignition	%	DETS 003#	9.2
Organic matter	%	DETS 002#	8.5
Sulphur (free)	mg/kg	DETS 049#	< 0.8
Sulphide	mg/kg	DETS 024#	24
Total Sulphate as SO4	%	DETS 075#	0.07
pH		DETS 008#	8.3
PAH	mg/kg	DETS 050	< 5.0
EPH (C10-C40)	mg/kg	DETS 051#	240
Phenol - Monohydric	mg/kg	DETS 067#	0.8

PARTICLE SIZE DISTRUBUTION TEST

BS 1377 Part 2:1990.

Wet sieve Pipette analysis Clause 9.2 9.4

Hole Number **General** **Depth (m):** **0.00**



BS Test Sieve	Percentage Passing
125	100
75	100
63	100
37.5	100
20	91
10	77
6.3	71
3.35	68
2	63
1.18	59
0.6	53
0.3	43
0.212	36
0.15	30
0.063	21

Particle Diameter	Percentage Passing
0.02	12
0.006	7
0.002	2

Soil Fraction	Total Percentage
Cobbles	0
Gravel	37
Sand	42
Silt	19
Clay	2

Remarks:

Cl 9.4.8 - Sample has not been pretreated

D L Walters 19/12/08
Checked by **Date**

D L Walters 19/12/08
Approved by **Date**

dets
Derwentside Environmental Testing Services

UKAS TESTING

2139

Certificate of Analysis

Certificate Number: 08-24436

Date: 18/12/2008

Client:

Geo Laboratory Testing Services Ltd
Unit 1
Bynea Business Park
Bynea
SA14 9SU

Our Reference: 08-24436

Client Reference: GEO/7215/08

Contract Title: Virgin Topsoil

Description: 1 soil sample

Date Received: 12/12/2008

Date Started: 12/12/2008

Date Completed: 18/12/2008

Test Procedures: Identified by prefix DETSn, details available upon request.

Notes:

Observations and interpretations are outside the scope of UKAS accreditation
* denotes test not included in laboratory scope of accreditation
# denotes test that holds MCERT accreditation, however, MCERTS accreditation is only implied if the report carries the MCERTS logo
$ denotes tests completed by an approved subcontractor
I/S denotes insufficient sample to carry out test
U/S denotes that the sample is not suitable for testing
DETSM denotes tests carried out by DETS Midlands laboratory
Solid samples will be disposed 1 month and liquids 2 weeks after the date of issue of this test certificate
Asbestos subsamples will be kept for 6 months

Approved By:

Authorised Signatories: Rob Brown
Business Manager

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Summary of Chemical Analysis
Soil Samples

Our Ref: 08-24436
Client Ref: GEO/7215/08
Contract Title: Virgin Topsoil

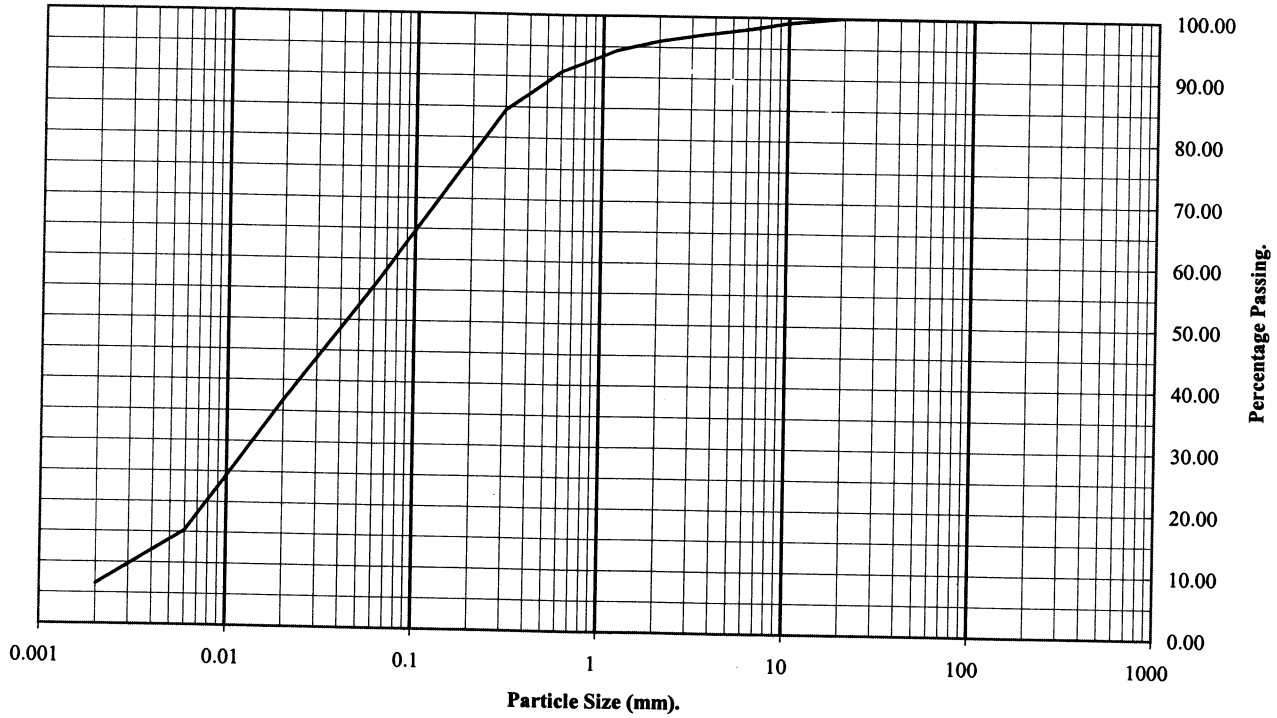
		Lab No.	169036
		Sample Ref	Sample 1
		Depth	
		Other Ref	
		Sample Type	
Test	**Units**	**DETSxx**	
Arsenic	mg/kg	DETS 042#	21
Cadmium	mg/kg	DETS 042#	1.0
Chromium	mg/kg	DETS 042#	24
Copper	mg/kg	DETS 042#	70
Lead	mg/kg	DETS 042#	53
Mercury	mg/kg	DETS 081#	0.06
Nickel	mg/kg	DETS 042#	21
Selenium	mg/kg	DETS 042#	0.9
Zinc	mg/kg	DETS 042#	130
Boron (water soluble)	mg/kg	DETS 020#	2.3
Available Phosphorus	mg/kg	DETS 042*	73
Available Magnesium	mg/kg	DETS 042*	580
Available Potassium	mg/kg	DETS 042*	780
Calcium Carbonate	%		1.8
Thiocyanate	mg/kg	DETS 067#	3.9
Cyanide total	mg/kg	DETS 067#	0.2
Cyanide free	mg/kg	DETS 067#	< 0.1
Conductivity	uS/cm	DETS 009	350
Loss on ignition	%	DETS 003#	12
Organic matter	%	DETS 002#	9.5
Sulphur (free)	mg/kg	DETS 049#	< 0.8
Sulphide	mg/kg	DETS 024#	< 10
Total Sulphate as SO4	%	DETS 075#	0.1
pH		DETS 008#	7.9
PAH	mg/kg	DETS 050	< 5.0
EPH (C10-C40)	mg/kg	DETS 051#	61
Phenol - Monohydric	mg/kg	DETS 067#	1.4

PARTICLE SIZE DISTRUBUTION TEST

BS 1377 Part 2:1990.

Wet sieve Pipette analysis Clause 9.2 9.4

Hole Number **Virgin** **Depth (m):** **0.00**



BS Test Sieve	Percentage Passing
125	100
75	100
63	100
37.5	100
20	100
10	99
6.3	98
3.35	97
2	96
1.18	94
0.6	91
0.3	84
0.212	78
0.15	72
0.063	56

Particle Diameter	Percentage Passing
0.02	37
0.006	15
0.002	6

Soil Fraction	Total Percentage
Cobbles	0
Gravel	4
Sand	40
Silt	50
Clay	6

Remarks:

Cl 9.4.8 - Sample has not been pretreated

DR Walls 19/12/08

Checked by **Date**

DR Walls 19/12/08

Approved by **Date**

LABORATORY TESTING SERVICES LIMITED

GEO/104-2 Oct 06

Topsoil Suite

Contract No.:

GEO/7125/06

Client Ref No:

UKAS TESTING 2788

Issue No 1.3

Page of .

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Derwentside Environmental Testing Services

2139

Certificate of Analysis

Date: 11/07/2008

Certificate Number: 08-20454

Client: Geo Laboratory Testing Services Ltd
Unit 1
Bynea Business Park
Bynea
SA14 9SU

Our Reference: 08-20454

Client Reference: GEO/6401/08

Contract Title: General Purpose

Description: 1 soil sample

Date Received: 30/06/2008

Date Started: 30/06/2008

Date Completed: 11/07/2008

Test Procedures: Identified by prefix DETSn, details available upon request.

Notes: Observations and interpretations are outside the scope of UKAS accreditation
* denotes test not included in laboratory scope of accreditation
# denotes test that holds MCERT accreditation
$ denotes tests completed by approved subcontractors
I/S denotes insufficient sample to carry out test
N/S denotes that the sample is not suitable for testing
DETSM denotes tests carried out by DETS Midlands laboratory
Solid samples will be disposed 1 month and liquids 2 weeks
after the date of issue of this test certificate
Asbestos subsamples will be kept for 6 months

Approved By:

Authorised Signatories: Rob Brown
Business Manager

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Summary of Chemical Analysis Soil Samples

Our Ref:

GEO/6401/08

Contract Title: General Purpose

Sample 1

Test	Units	Lab No. Sample Ref Depth Other Ref Sample Type DETSxx	General Purpose
Arsenic	mg/kg	DETS 042#	9
Cadmium	mg/kg	DETS 042#	0.9
Chromium	mg/kg	DETS 042#	33
Copper	mg/kg	DETS 042#	30
Lead	mg/kg	DETS 042#	49
Mercury	mg/kg	DETS 081*	0.1
Nickel	mg/kg	DETS 042#	13
Selenium	mg/kg	DETS 042#	< 0.5
Zinc	mg/kg	DETS 042#	110
Boron (water soluble)	mg/kg	DETS 020#	1.7
Thiocyanate	mg/kg	DETS 067#	2.3
Cyanide total	mg/kg	DETS 067#	< 0.1
Cyanide free	mg/kg	DETS 067#	< 0.1
SUlphur (free)	mg/kg	DETS 049#	5.0
Sulphide	mg/kg	DETS 024#	65
Total Sulphate as S04	%	DETS 075#	0.13
pH		DETS 008#	7.7
PAH	mg/kg	DETS 050	< 5.0
Phenol - Monohydric	mg/kg	DETS 067#	< 0.3

Certificate of Analysis

Date: 26/01/2009

2139

Certificate Number: 08-24436-1

Client:	Geo Laboratory Testing Services Ltd Unit 1 Bynea Business Park Bynea SA14 9SU
Our Reference:	08-24436-1
Client Reference:	GEO/7215/08
Contract Title:	Virgin Topsoil
Description:	1 soil sample
Date Received:	12/12/2008
Date Started:	12/12/2008
Date Completed:	26/01/2009
Test Procedures:	Identified by prefix DETSn, details available upon request.
Notes:	Observations and interpretations are outside the scope of UKAS accreditation * denotes test not included in laboratory scope of accreditation # denotes test that holds MCERT accreditation, however, MCERTS accreditation is only implied if the report carries the MCERTS logo $ denotes tests completed by an approved subcontractor I/S denotes insufficient sample to carry out test U/S denotes that the sample is not suitable for testing DETSM denotes tests carried out by DETS Midlands laboratory Solid samples will be disposed 1 month and liquids 2 weeks after the date of issue of this test certificate Asbestos subsamples will be kept for 6 months
Approved By:	
Authorised Signatories:	Rob Brown Business Manager

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Summary of Chemical Analysis
Soil Samples

Our Ref: 08-24436-1
Client Ref: GEO/7215/08
Contract Title: Virgin Topsoil

		Lab No.	169036
		Sample Ref	Sample 1
		Depth	
		Other Ref	
		Sample Type	
Test	**Units**	**DETSxx**	
Arsenic	mg/kg	DETS 042#	21
Cadmium	mg/kg	DETS 042#	1.0
Chromium	mg/kg	DETS 042#	24
Copper	mg/kg	DETS 042#	70
Lead	mg/kg	DETS 042#	53
Mercury	mg/kg	DETS 081#	0.06
Nickel	mg/kg	DETS 042#	21
Available Magnesium	mg/kg	DETS 042*	580
Available Phosphorus	mg/kg	DETS 042*	73
Available Potassium	mg/kg	DETS 042*	780
Selenium	mg/kg	DETS 042#	0.9
Zinc	mg/kg	DETS 042#	130
Boron (water soluble)	mg/kg	DETS 020#	2.3
Calcium Carbonate (as CaCO3)	%		1.8
Thiocyanate	mg/kg	DETS 067#	3.9
Cyanide total	mg/kg	DETS 067#	0.2
Cyanide free	mg/kg	DETS 067#	< 0.1
Conductivity	uS/cm	DETS 009	350
Loss on ignition	%	DETS 003#	12
Organic matter	%	DETS 002#	9.5
Sulphur (free)	mg/kg	DETS 049#	< 0.8
Sulphide	mg/kg	DETS 024#	< 10
Total Sulphate as SO4	%	DETS 075#	0.1
pH		DETS 008#	7.9
Aliphatic C5-C6	mg/kg	DETS 072*	< 0.01
Aliphatic C6-C8	mg/kg	DETS 072*	< 0.01
Aliphatic C8-C10	mg/kg	DETS 072*	< 0.01
Aliphatic C10-C12	mg/kg	DETS 072*	0.2
Aliphatic C12-C16	mg/kg	DETS 072*	0.5
Aliphatic C16-C21	mg/kg	DETS 072*	1.1
Aliphatic C21-C35	mg/kg	DETS 072*	5.2
Aromatic C5-C7	mg/kg	DETS 072*	< 0.01
Aromatic C7-C8	mg/kg	DETS 072*	< 0.01
Aromatic C8-C10	mg/kg	DETS 072*	< 0.01
Aromatic C10-C12	mg/kg	DETS 072*	< 0.1
Aromatic C12-C16	mg/kg	DETS 072*	< 0.1
Aromatic C16-C21	mg/kg	DETS 072*	< 0.1
Aromatic C21-C35	mg/kg	DETS 072*	2.9
Aliphatic C5-C35	mg/kg	DETS 072*	7
Aromatic C5-C35	mg/kg	DETS 072*	3
TPH Ali/Aro	mg/kg	DETS 072*	10
PAH	mg/kg	DETS 050	< 5.0
EPH (C10-C40)	mg/kg	DETS 051#	61
Phenol - Monohydric	mg/kg	DETS 067#	1.4

Certificate of Analysis

Date: 26/01/2009

2139

Certificate Number: 08-24437-1

Client:	Geo Laboratory Testing Services Ltd Unit 1 Bynea Business Park Bynea SA14 9SU
Our Reference:	08-24437-1
Client Reference:	GEO/7215/08
Contract Title:	General Purpose Topsoil
Description:	1 soil sample
Date Received:	12/12/2008
Date Started:	12/12/2008
Date Completed:	26/01/2009
Test Procedures:	Identified by prefix DETSn, details available upon request.
Notes:	Observations and interpretations are outside the scope of UKAS accreditation * denotes test not included in laboratory scope of accreditation # denotes test that holds MCERT accreditation, however, MCERTS accreditation is only implied if the report carries the MCERTS logo $ denotes tests completed by an approved subcontractor I/S denotes insufficient sample to carry out test U/S denotes that the sample is not suitable for testing DETSM denotes tests carried out by DETS Midlands laboratory Solid samples will be disposed 1 month and liquids 2 weeks after the date of issue of this test certificate Asbestos subsamples will be kept for 6 months
Approved By:	
Authorised Signatories:	Rob Brown Business Manager

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Summary of Chemical Analysis
Soil Samples

Our Ref: 08-24437-1
Client Ref: GEO/7215/08
Contract Title: General Purpose Topsoil

		Lab No.	169037
		Sample Ref	Sample 1
		Depth	
		Other Ref	
		Sample Type	
Test	**Units**	**DETSxx**	
Arsenic	mg/kg	DETS 042#	10
Cadmium	mg/kg	DETS 042#	0.8
Chromium	mg/kg	DETS 042#	22
Copper	mg/kg	DETS 042#	35
Lead	mg/kg	DETS 042#	49
Mercury	mg/kg	DETS 081#	0.09
Nickel	mg/kg	DETS 042#	20
Available Magnesium	mg/kg	DETS 042*	230
Available Phosphorus	mg/kg	DETS 042*	48
Available Potassium	mg/kg	DETS 042*	1100
Selenium	mg/kg	DETS 042#	< 0.5
Zinc	mg/kg	DETS 042#	110
Boron (water soluble)	mg/kg	DETS 020#	3.0
Calcium Carbonate (as CaCO3)	%		1.6
Thiocyanate	mg/kg	DETS 067#	2.7
Cyanide total	mg/kg	DETS 067#	0.2
Cyanide free	mg/kg	DETS 067#	< 0.1
Conductivity	uS/cm	DETS 009	1400
Loss on ignition	%	DETS 003#	9.2
Organic matter	%	DETS 002#	8.5
Sulphur (free)	mg/kg	DETS 049#	< 0.8
Sulphide	mg/kg	DETS 024#	24
Total Sulphate as SO4	%	DETS 075#	0.07
pH		DETS 008#	8.3
Aliphatic C5-C6	mg/kg	DETS 072*	< 0.01
Aliphatic C6-C8	mg/kg	DETS 072*	< 0.01
Aliphatic C8-C10	mg/kg	DETS 072*	< 0.01
Aliphatic C10-C12	mg/kg	DETS 072*	0.2
Aliphatic C12-C16	mg/kg	DETS 072*	0.4
Aliphatic C16-C21	mg/kg	DETS 072*	2.1
Aliphatic C21-C35	mg/kg	DETS 072*	16
Aromatic C5-C7	mg/kg	DETS 072*	< 0.01
Aromatic C7-C8	mg/kg	DETS 072*	< 0.01
Aromatic C8-C10	mg/kg	DETS 072*	< 0.01
Aromatic C10-C12	mg/kg	DETS 072*	< 0.1
Aromatic C12-C16	mg/kg	DETS 072*	< 0.1
Aromatic C16-C21	mg/kg	DETS 072*	1.8
Aromatic C21-C35	mg/kg	DETS 072*	32
Aliphatic C5-C35	mg/kg	DETS 072*	19
Aromatic C5-C35	mg/kg	DETS 072*	34
TPH Ali/Aro	mg/kg	DETS 072*	52
PAH	mg/kg	DETS 050	< 5.0
EPH (C10-C40)	mg/kg	DETS 051#	240
Phenol - Monohydric	mg/kg	DETS 067#	0.8

Certificate of Analysis

Date: 10/03/2009

2139

Certificate Number: 09-25938

Client:	Geo Laboratory Testing Services Ltd Unit 1 Bynea Business Park Bynea SA14 9SU
Our Reference:	09-25938
Client Reference:	GEO/7480/07
Contract Title:	Thomas Brothers Nash Limited
Description:	2 soil samples
Date Received:	27/02/2009
Date Started:	27/02/2009
Date Completed:	10/03/2009
Test Procedures:	Identified by prefix DETSn, details available upon request.
Notes:	Observations and interpretations are outside the scope of UKAS accreditation * denotes test not included in laboratory scope of accreditation # denotes test that holds MCERT accreditation, however, MCERTS accreditation is only implied if the report carries the MCERTS logo $ denotes tests completed by an approved subcontractor I/S denotes insufficient sample to carry out test U/S denotes that the sample is not suitable for testing DETSM denotes tests carried out by DETS Midlands laboratory Solid samples will be disposed 1 month and liquids 2 weeks after the date of issue of this test certificate Asbestos subsamples will be kept for 6 months
Approved By:	
Authorised Signatories:	Rob Brown Business Manager

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Summary of Chemical Analysis
Soil Samples

Our Ref: 09-25938
Client Ref: GEO/7480/07
Contract Title: Thomas Brothers Nash Limited

		Lab No.	179287	179288
		Sample Ref	Sample 1	Sample 2
		Depth		
		Other Ref		
		Sample Type		
Test	**Units**	**DETSxx**		
Arsenic	mg/kg	DETS 042#	20	14
Cadmium	mg/kg	DETS 042#	0.9	0.8
Chromium	mg/kg	DETS 042#	21	22
Copper	mg/kg	DETS 042#	50	79
Lead	mg/kg	DETS 042#	31	27
Mercury	mg/kg	DETS 081#	< 0.05	< 0.05
Nickel	mg/kg	DETS 042#	17	20
Selenium	mg/kg	DETS 042#	< 0.5	< 0.5
Zinc	mg/kg	DETS 042#	110	98
Boron (water soluble)	mg/kg	DETS 020#	0.6	0.4
Carbonate (as CO2)	%	DETS 005*	< 1.0	< 1.0
Thiocyanate	mg/kg	DETS 067#	2.3	1.8
Cyanide total	mg/kg	DETS 067#	< 0.1	< 0.1
Cyanide free	mg/kg	DETS 067#	< 0.1	< 0.1
Conductivity	uS/cm	DETS 009	210	170
Loss on ignition	%	DETS 003#	5.0	4.7
Organic matter	%	DETS 002#	2.5	1.9
Sulphur (free)	mg/kg	DETS 049#	< 0.8	< 0.8
Sulphide	mg/kg	DETS 024#	28	24
Total Sulphate as SO4	%	DETS 075#	0.05	0.04
pH		DETS 008#	8.3	8.3

Summary of Chemical Analysis
Soil Samples

Our Ref: 09-25938
Client Ref: GEO/7480/07
Contract Title: Thomas Brothers Nash Limited

		Lab No.	179287	179288
		Sample Ref	Sample 1	Sample 2
		Depth		
		Other Ref		
		Sample Type		
Test	**Units**	**DETSxx**		
Aliphatic C5-C6	mg/kg	DETS 072*	< 0.01	< 0.01
Aliphatic C6-C8	mg/kg	DETS 072*	< 0.01	< 0.01
Aliphatic C8-C10	mg/kg	DETS 072*	< 0.01	< 0.01
Aliphatic C10-C12	mg/kg	DETS 072*	< 0.1	< 0.1
Aliphatic C12-C16	mg/kg	DETS 072*	< 0.1	< 0.1
Aliphatic C16-C21	mg/kg	DETS 072*	< 0.1	< 0.1
Aliphatic C21-C35	mg/kg	DETS 072*	1.4	1.1
Aromatic C5-C7	mg/kg	DETS 072*	< 0.01	< 0.01
Aromatic C7-C8	mg/kg	DETS 072*	< 0.01	< 0.01
Aromatic C8-C10	mg/kg	DETS 072*	< 0.01	< 0.01
Aromatic C10-C12	mg/kg	DETS 072*	< 0.1	< 0.1
Aromatic C12-C16	mg/kg	DETS 072*	0.4	< 0.1
Aromatic C16-C21	mg/kg	DETS 072*	0.5	< 0.1
Aromatic C21-C35	mg/kg	DETS 072*	3.9	< 0.1
Aliphatic C5-C35	mg/kg	DETS 072*	1	1
Aromatic C5-C35	mg/kg	DETS 072*	5	< 1
TPH Ali/Aro	mg/kg	DETS 072*	6	1
PAH	mg/kg	DETS 050	< 1.6	< 1.6
EPH (C10-C40)	mg/kg	DETS 051#	48	50
Phenol - Monohydric	mg/kg	DETS 067#	< 0.3	< 0.3

BS 3882:2007 Topsoil
ANALYTICAL REPORT

Job Title:	Thomas Brothers Nash Limited	**Job Number:**	09-25938
Client Reference:	GEO/7480/07	**Sample Number:**	179287
Sample ID:	Sample 1	**Date Analysed:**	09/03/2009

Analytical Results:

Parameter	Multipurpose range			Result	Compliant with multipurpose range? (Y/N)	Compliant with specific purpose range? (Y/N)		
						Low F.	Acid.	Calc
$Texture								
Clay content %	5 - 35			13	Y	Y	Y	Y
Silt content %	0-65			39	Y	Y	Y	Y
Sand content %	30-85			48	Y	Y	Y	Y
Soil texture – (see figure 1)				Sandy silty loam				
Soil organic matter content % (varying with clay content)								
Clay 5-20%	3.0-20			2.5	N	Y	N	N
Clay 20-35%	5.0-20							
$Maximum coarse fragment - Content % *m/m*								
>2 mm	0-30			15	Y	Y	Y	Y
>20 mm	0-10			7	Y	Y	Y	Y
>50 mm	0			0	Y	Y	Y	Y
#Soil pH value	5.5-8.5			8.3	Y	Y	N	Y
*Carbonate (Calcareous only) %	>1			<1				N
Available plant nutrient content								
*Nitrogen ≥ 0.15%				0.14	N		N	N
*Nitrogen <0.1%				0.14		N		
*Extractable phosphorous <15mgP/l				57	Y	N	Y	Y
*Extractable potassium <120mgP/l				115	N	Y	N	N
*Extractable magnesium mg/l	51-600			200	Y	Y	Y	Y
Carbon: Nitrogen ratio	<20:1			10	Y	Y	Y	Y
*Exchangeable sodium percentage % (only measure if soil electrical conductivity >2,800 µS cm¯1)	<15							
Phytotoxic contaminants (by soil pH) mg/kgDS)	≤6.0	6.0-7.0	>7.0					
*Zinc (Nitric acid extract)	<200	<200	<300	100				
*Copper (Nitric acid extract)	<100	<135	<200	52				
*Nickel (Nitric acid extract)	<60	<75	<110	18				
*Visible contaminants % m/m								
>2 mm	<0.5			0	Y	Y	Y	Y
...of which plastics	<0.25			0	Y	Y	Y	Y
...man made sharps	Zero in 1kg air-dried soil			0	Y	Y	Y	Y

Additional analytical certificate(s) for contaminants are appended. Y

DECLARATION: I certify that this sample of soil has been analysed in accordance with BS3882:2007

Signature: M A . Hopgood

BS 3882:2007 Topsoil
ANALYTICAL REPORT

Job Title:	Thomas Brothers Nash Limited	**Job Number:**	09-25938
Client Reference:	GEO/7480/07	**Sample Number:**	179288
Sample ID:	Sample 2	**Date Analysed:**	09/03/2009

Analytical Results:

Parameter	Multipurpose range			Result	Compliant with multipurpose range? (Y/N)	Compliant with specific purpose range? (Y/N)		
						Low F.	Acid.	Calc
$Texture								
Clay content %	5 - 35			12	Y	Y	Y	Y
Silt content %	0-65			46	Y	Y	Y	Y
Sand content %	30-85			42	Y	Y	Y	Y
Soil texture – (see figure 1)				Sandy silty loam				
Soil organic matter content % (varying with clay content)								
Clay 5-20%	3.0-20			1.9	N	Y	N	N
Clay 20-35%	5.0-20							
$Maximum coarse fragment - Content % *m/m*								
>2 mm	0-30			12	Y	Y	Y	Y
>20 mm	0-10			6	Y	Y	Y	Y
>50 mm	0			0	Y	Y	Y	Y
#Soil pH value	5.5-8.5			8.3	Y	Y	N	Y
*Carbonate (Calcareous only) %	>1			<1				N
Available plant nutrient content								
*Nitrogen ≥ 0.15%				0.11	N		N	N
*Nitrogen <0.1%				0.11		N		
*Extractable phosphorous <15mgP/l				24	Y	N	Y	Y
*Extractable potassium <120mgP/l				140	Y	N	Y	Y
*Extractable magnesium mg/l	51-600			260	Y	Y	Y	Y
Carbon: Nitrogen ratio	<20:1			10	Y	Y	Y	Y
*Exchangeable sodium percentage % (only measure if soil electrical conductivity >2,800 µS cm¯1)	<15							
Phytotoxic contaminants (by soil pH) mg/kgDS)	≤6.0	6.0-7.0	>7.0					
*Zinc (Nitric acid extract)	<200	<200	<300	94	Y	Y	Y	Y
*Copper (Nitric acid extract)	<100	<135	<200	85	Y	Y	Y	Y
*Nickel (Nitric acid extract)	<60	<75	<110	20	Y	Y	Y	Y
*Visible contaminants % m/m								
>2 mm	<0.5			0	Y	Y	Y	Y
...of which plastics	<0.25			0	Y	Y	Y	Y
...man made sharps	Zero in 1kg air-dried soil			0	Y	Y	Y	Y

Additional analytical certificate(s) for contaminants are appended. Y

DECLARATION: I certify that this sample of soil has been analysed in accordance with BS3882:2007

Signature: M A . Hopwood

Certificate of Analysis

2139

Date: 30/04/2009

Certificate Number: 09-26725-1

Client:
Geo Laboratory Testing Services Ltd
Unit 1
Bynea Business Park
Bynea
SA14 9SU

Our Reference: 09-26725-1

Client Reference: 7718

Contract Title: Thomas Brothers

Description: 1 soil sample

Date Received: 07/04/2009

Date Started: 07/04/2009

Date Completed: 30/04/2009

Test Procedures: Identified by prefix DETSn, details available upon request.

Notes:
This report supersedes 09-26725. Extra testing
Observations and interpretations are outside the scope of UKAS accreditation
* denotes test not included in laboratory scope of accreditation
# denotes test that holds MCERT accreditation, however, MCERTS accreditation is only implied if the report carries the MCERTS logo
$ denotes tests completed by an approved subcontractor
I/S denotes insufficient sample to carry out test
U/S denotes that the sample is not suitable for testing
DETSM denotes tests carried out by DETS Midlands laboratory
Solid samples will be disposed 1 month and liquids 2 weeks after the date of issue of this test certificate
Asbestos subsamples will be kept for 6 months

Approved By:

Authorised Signatories: Rob Brown
Business Manager

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Derwentside Environmental Testing Services Limited
Unit 2, Park Road Industrial Estate South, Consett, Co Durham, DH8 5PY
Tel: 01207 582333 • Fax 01207 582444 • email: info@dets.co.uk • www.dets.co.uk

Summary of Chemical Analysis
Soil Samples

Our Ref: 09-26725-1
Client Ref: 7718
Contract Title: Thomas Brothers

		Lab No.	185564
		Sample Ref	Sample 1
		Depth	
		Other Ref	
		Sample Type	
Test	**Units**	**DETSxx**	
Arsenic	mg/kg	DETS 042#	9
Cadmium	mg/kg	DETS 042#	0.7
Chromium	mg/kg	DETS 042#	13
Copper	mg/kg	DETS 042#	11
Lead	mg/kg	DETS 042#	26
Mercury	mg/kg	DETS 081#	< 0.05
Nickel	mg/kg	DETS 042#	14
Selenium	mg/kg	DETS 042#	< 0.5
Sodium	mg/kg	DETS 042*	210
Zinc	mg/kg	DETS 042#	71
Boron (water soluble)	mg/kg	DETS 020#	0.3
Thiocyanate	mg/kg	DETS 067#	2.5
Cyanide total	mg/kg	DETS 067#	0.6
Cyanide free	mg/kg	DETS 067#	0.1
Conductivity	uS/cm	DETS 009	220
Loss on ignition	%	DETS 003#	3.5
Sulphur (free)	mg/kg	DETS 049#	< 0.8
Sulphide	mg/kg	DETS 024#	< 10
Total Sulphate as SO4	%	DETS 075#	0.04
pH		DETS 008#	7.8
Aliphatic C5-C6	mg/kg	DETS 072*	0.21
Aliphatic C6-C8	mg/kg	DETS 072*	0.19
Aliphatic C8-C10	mg/kg	DETS 072*	2.2
Aliphatic C10-C12	mg/kg	DETS 072*	< 0.1
Aliphatic C12-C16	mg/kg	DETS 072*	0.4
Aliphatic C16-C21	mg/kg	DETS 072*	1.9
Aliphatic C21-C35	mg/kg	DETS 072*	61
Aromatic C5-C7	mg/kg	DETS 072*	0.01
Aromatic C7-C8	mg/kg	DETS 072*	< 0.01
Aromatic C8-C10	mg/kg	DETS 072*	0.01
Aromatic C10-C12	mg/kg	DETS 072*	2.3
Aromatic C12-C16	mg/kg	DETS 072*	2.6
Aromatic C16-C21	mg/kg	DETS 072*	5.7
Aromatic C21-C35	mg/kg	DETS 072*	45
Aliphatic C5-C35	mg/kg	DETS 072*	66
Aromatic C5-C35	mg/kg	DETS 072*	55
TPH Ali/Aro	mg/kg	DETS 072*	120
PAH	mg/kg	DETS 050	< 1.6
Phenol - Monohydric	mg/kg	DETS 067#	< 0.3

BS 3882:2007 Topsoil
ANALYTICAL REPORT

Job Title:	Thomas Brothers	**Job Number:**	09-26725
Client Reference:	7718	**Sample Number:**	185564
Sample ID:	Sample 1	**Date Analysed:**	29/04/2009

Analytical Results:

Parameter	Multipurpose range			Result	Compliant with multipurpose range? (Y/N)	Compliant with specific purpose range? (Y/N)		
						Low F.	Acid.	Calc
$Texture								
Clay content %	5 - 35			19	Y	Y	Y	Y
Silt content %	0-65			34	Y	Y	Y	Y
Sand content %	30-85			47	Y	Y	Y	Y
Soil texture – (see figure 1)				Clay Loam				
Soil organic matter content % (varying with clay content)								
Clay 5-20%	3.0-20			1.6	N	Y	N	N
Clay 20-35%	5.0-20							
$Maximum coarse fragment - Content % *m/m*								
>2 mm	0-30			36	N	N	N	N
>20 mm	0-10			21	N	N	N	N
>50 mm	0			0	Y	Y	Y	Y
#Soil pH value	5.5-8.5			7.8	Y	Y	N	Y
*Carbonate (Calcareous only) %	>1							
Available plant nutrient content								
*Nitrogen ≥ 0.15%				0.09	N		N	N
*Nitrogen <0.1%				0.09		Y		
*Extractable phosphorous <15mgP/l				5	N	Y	N	N
*Extractable potassium <120mgP/l				60	N	Y	N	N
*Extractable magnesium mg/l	51-600			33	N	N	N	N
Carbon: Nitrogen ratio	<20:1			10	Y	Y	Y	Y
*Exchangeable sodium percentage % (only measure if soil electrical conductivity >2,800 µS cm^{-1})	<15							
Phytotoxic contaminants (by soil pH) mg/kgDS)	≤6.0	6.0-7.0	>7.0					
*Zinc (Nitric acid extract)	<200	<200	<300	71	Y	Y	Y	Y
*Copper (Nitric acid extract)	<100	<135	<200	11	Y	Y	Y	Y
*Nickel (Nitric acid extract)	<60	<75	<110	14	Y	Y	Y	Y
*Visible contaminants % m/m								
>2 mm	<0.5			0	Y	Y	Y	Y
...of which plastics	<0.25			0	Y	Y	Y	Y
...man made sharps	Zero in 1kg air-dried soil			0	Y	Y	Y	Y

Additional analytical certificate(s) for contaminants are appended. Y

DECLARATION: I certify that this sample of soil has been analysed in accordance with BS3882:2007

Signature: M A . Hopwood

Bureau Veritas UK Ltd
Queenslie Court
139 Summerlee Street
Glasgow G33 4DB
Telephone: + 44 (0) 141 774 6271
Fax: + 44 (0) 141 774 9280

TEST REPORT

Report No: GLC0023430/2

Date: 08 October 2009

ANALYTICAL CHEMISTRY TEST REPORT

Client: VINCI CONSTRUCTION UK LTD

Address: Glan Usk
Norwest Holst Site Office
Herbert Road
Via Turner Street
Newport, NP19 7HF

Contact: Mr M.Tregelles

Site: Glan Usk School

Test Method: In house methods

Sample Details: 2 No. Soil samples submitted by Client

Sampled by Client

Date sampled	-	Not given
Date received	-	07 October 2009
Date prepared	-	07 October 2009
Date tested	-	07 October 2009 - 08 October 2009
Contract no	-	50145346

Results: see attached results summary sheet

SIGNED
for and on behalf of Bureau Veritas Laboratories

John Watt
Laboratory Manager - Analytical Chemistry

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Bureau Veritas UK Ltd. Registered in England No. 1758622 Registered Office: Registered Office: Bureau Veritas, Great Guildford House, 30 Great Guildford Street, London SE1 0ES

Report No: GLC0023430/2

Date: 8 October 2009

Client: VINCI CONSTRUCTION UK LTD

Site: Glan Usk School

Bureau Veritas Laboratories Ref (Glasgow)		161174	161175
Client Reference		M.T. REEN 636455	M.T. REEN 636733
PCB 28	mg/kg	<0.1	<0.1
PCB 52	mg/kg	<0.1	<0.1
PCB 101	mg/kg	<0.1	<0.1
PCB 118	mg/kg	<0.1	<0.1
PCB 138	mg/kg	<0.1	<0.1
PCB 153	mg/kg	<0.1	<0.1
PCB 180	mg/kg	<0.1	<0.1

Signed:  Date: 08/10/09

Report No: GLC0023430/2

Date: 8 October 2009

Client: VINCI CONSTRUCTION UK LTD

Site: Glan Usk School

Bureau Veritas Laboratories Ref (Glasgow)		161174	161175
Client Reference		M.T. REEN 636455	M.T. REEN 636733
Benzene	mg/kg	<0.01	<0.01
Toluene	mg/kg	<0.01	<0.01
Ethylbenzene	mg/kg	<0.01	<0.01
Xylene	mg/kg	<0.01	<0.01

Signed: Date: 08/10/09

Report No: GLC0023430/2

Date: 8 October 2009

Client: VINCI CONSTRUCTION UK LTD

Site: Glan Usk School

Bureau Veritas Laboratories Ref (Glasgow)		161174	161175
Client Reference		M.T. REEN 636455	M.T. REEN 636733
Arsenic	mg/kg	9.3	6.6
Cadmium	mg/kg	< 0.5	< 0.5
Chromium	mg/kg	46	28
Copper	mg/kg	9.8	7.1
Mercury	mg/kg	< 0.1	< 0.1
Nickel	mg/kg	36	28
Lead	mg/kg	13	1.2
Selenium	mg/kg	< 0.5	< 0.5

Signed:  Date: 08/10/09

Report No: GLC0023430/2

Date: 8 October 2009

Client: VINCI CONSTRUCTION UK LTD

Site: Glan Usk School

Speciated PAH

Bureau Veritas Laboratories Ref (Glasgow)		161174	161175
Client Reference		M.T. REEN 636455	M.T. REEN 636733
Naphthalene	mg/kg	<0.1	<0.1
Acenaphthylene	mg/kg	<0.1	<0.1
Acenaphthene	mg/kg	<0.1	<0.1
Fluorene	mg/kg	<0.1	<0.1
Phenanthrene	mg/kg	<0.1	<0.1
Anthracene	mg/kg	<0.1	<0.1
Fluoranthene	mg/kg	<0.1	<0.1
Pyrene	mg/kg	<0.1	<0.1
Benzo(a)anthracene	mg/kg	<0.1	<0.1
Benzo(b)fluoranthene	mg/kg	<0.1	<0.1
Chrysene	mg/kg	<0.1	<0.1
Benzo(k)fluoranthene	mg/kg	<0.1	<0.1
Benzo(a)pyrene	mg/kg	<0.1	<0.1
Dibenzo(a,h)anthracene	mg/kg	<0.1	<0.1
Indeno(1,2,3-c,d)pyrene	mg/kg	<0.1	<0.1
Benzo(g,h,i)perylene	mg/kg	<0.1	<0.1

Signed: Date: 08/10/09

Report No: GLC0023430/2

Date: 8 October 2009

Client: VINCI CONSTRUCTION UK LTD

Site: Glan Usk School

Bureau Veritas Laboratories Ref (Glasgow)		161174	161175
Client Reference		M.T. REEN 636455	M.T. REEN 636733
Phenol	mg/kg	< 1.0	< 1.0
TPH	mg/kg	< 10	< 10
PCB	mg/kg	< 1	< 1

Signed:  Date: 08/10/09

Certificate of Analysis

Date: 02/10/2009

2139

Certificate Number: 09-30236

Client:

Geo Laboratory Testing Services Ltd
Unit 23,25,26
The Avenue
Delta Lakes
Llanelli
Carmarthenshire
SA15 2DS

Our Reference: 09-30236

Client Reference: 8704

Contract Title: Thomas Brothers

Description: 4 soil samples

Date Received: 21/09/2009

Date Started: 21/09/2009

Date Completed: 01/10/2009

Test Procedures: Identified by prefix DETSn, details available upon request.

Notes:

Observations and interpretations are outside the scope of UKAS accreditation
* denotes test not included in laboratory scope of accreditation
# denotes test that holds MCERT accreditation, however, MCERTS accreditation is only implied if the report carries the MCERTS logo
$ denotes tests completed by an approved subcontractor
I/S denotes insufficient sample to carry out test
U/S denotes that the sample is not suitable for testing
DETSM denotes tests carried out by DETS Midlands laboratory
Solid samples will be disposed 1 month and liquids 2 weeks after the date of issue of this test certificate
Asbestos subsamples will be kept for 6 months

Approved By:



Authorised Signatories: Rob Brown
Business Manager

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Derwentside Environmental Testing Services Limited
Unit 2, Park Road Industrial Estate South, Consett, Co Durham, DH8 5PY
Tel: 01207 582333 • Fax 01207 582444 • email: info@dets.co.uk • www.dets.co.uk

Summary of Chemical Analysis
Soil Samples

Our Ref: 09-29729
Client Ref: 8704
Contract Title: Thomas Brothers

		Lab No.	20122	20123	20124	20125
		Sample Ref	Paul 1	Paul 2	Paul 3	Paul 4
		Depth				
		Other Ref				
		Sample Type				
Test	**Units**	**DETSxx**				
Arsenic	mg/kg	DETS 042#	4.2	1.8	5.2	1.6
Cadmium	mg/kg	DETS 042#	0.5	0.7	0.5	0.2
Chromium	mg/kg	DETS 042#	<10	12	<10	<10
Copper	mg/kg	DETS 042#	42	45	42	90
Lead	mg/kg	DETS 042#	15	37	12	12
Mercury	mg/kg	DETS 081#	< 0.05	< 0.05	<0.5	< 0.05
Nickel	mg/kg	DETS 042#	30	10	30	30
Selenium	mg/kg	DETS 042#	0.5	0.5		0.5
Zinc	mg/kg	DETS 042#	22	40	22	55
Boron (water soluble)	mg/kg	DETS 020#	0.6	0.8	0.7	0.7
Thiocyanate	mg/kg	DETS 067#	1.0	1.0	1.0	1.0
Cyanide total	mg/kg	DETS 067#	< 0.1	< 0.1	< 0.1	< 0.1
Cyanide free	mg/kg	DETS 067#	< 0.1	< 0.1	< 0.1	< 0.1
EC Calcium Sulphate Extractable	uS/cm	DETS 009	1000	1900	1000	1000
Organic matter	%	DETS 002#	6.2	5.7	5.6	1.8
Sulphur (free)	mg/kg	DETS 049#	< 0.8	< 0.8	< 0.9	< 0.8
Sulphide	mg/kg	DETS 024#	10	25	10	10
Total Sulphate as SO4	%	DETS 075#	0.01	0.05	0.05	0.01
pH		DETS 008#	7.6	7.6	7.6	7.6
Aliphatic C5-C6	mg/kg	DETS 072*	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C6-C8	mg/kg	DETS 072*	<0.01	0.01	<0.01	<0.01
Aliphatic C8-C10	mg/kg	DETS 072*	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C10-C12	mg/kg	DETS 072*	< 0.1	< 0.1	< 0.1	< 0.1
Aliphatic C12-C16	mg/kg	DETS 072*	< 0.1	< 0.1	< 0.1	< 0.1
Aliphatic C16-C21	mg/kg	DETS 072*	< 0.1	1.2	< 0.1	< 0.1
Aliphatic C21-C35	mg/kg	DETS 072*	<0.1	<0.1	<0.1	<0.1
Aromatic C5-C7	mg/kg	DETS 072*	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C7-C8	mg/kg	DETS 072*	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C8-C10	mg/kg	DETS 072*	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C10-C12	mg/kg	DETS 072*	< 0.1	< 0.1	< 0.1	< 0.1
Aromatic C12-C16	mg/kg	DETS 072*	< 0.1	< 0.1	< 0.1	< 0.1
Aromatic C16-C21	mg/kg	DETS 072*	< 0.1	< 0.1	< 0.1	< 0.1
Aromatic C21-C35	mg/kg	DETS 072*	< 0.1	< 0.1	< 0.1	< 0.1
Aliphatic C5-C35	mg/kg	DETS 072*	< 0.1	< 0.1	< 0.1	< 0.1
Aromatic C5-C35	mg/kg	DETS 072*	< 0.1	< 0.1	< 0.1	< 0.1
TPH Ali/Aro	mg/kg	DETS 072*	< 0.1	< 0.1	< 0.1	< 0.1
PAH	mg/kg	DETS 050	< 1.6	< 1.6	< 1.6	< 1.6
Phenol - Monohydric	mg/kg	DETS 067#	0.5	0.5	0.5	0.5

BS 3882:2007 Topsoil
ANALYTICAL REPORT

Job Title:	Thomas Brothers	**Job Number:**	09-30236
Client Reference:	8704	**Sample Number:**	20125
Sample ID:	Paul 1	**Date Analysed:**	29/09/2009

Analytical Results:

Parameter	Multipurpose range			Result	Compliant with multipurpose range? (Y/N)	Compliant with specific purpose range? (Y/N)		
						Low F.	Acid.	Calc
$Texture								
Clay content %	5 - 35			31	Y	Y	Y	Y
Silt content %	0-65			20	Y	Y	Y	Y
Sand content %	30-85			51	Y	Y	Y	Y
Soil texture – (see figure 1)				Clay Loam				
Soil organic matter content % (varying with clay content)								
Clay 5-20%	3.0-20							
Clay 20-35%	5.0-20			6	Y	Y	Y	Y
$Maximum coarse fragment - Content % *m/m*								
>2 mm	0-30			11	Y	Y	Y	Y
>20 mm	0-10			0	Y	Y	Y	Y
>50 mm	0			0	Y	Y	Y	Y
#Soil pH value	5.5-8.5			7.6	Y	Y	N	Y
*Carbonate (Calcareous only)	>1			<1				N
Available plant nutrient content								
*Nitrogen ≥ 0.15%				0.15	Y		N	N
*Nitrogen <0.1%				0.17		Y		
*Extractable phosphorous <15mgP/l				42	Y	Y	Y	Y
*Extractable potassium <120mgP/l				211	Y	Y	Y	Y
*Extractable magnesium mg/l	51-600			122	Y	Y	Y	Y
Carbon: Nitrogen ratio	<20:1			12	Y	Y	Y	Y
*Exchangeable sodium percentage % (only measure if soil electrical conductivity >2,800 µS cm^{-}1)	<15							
Phytotoxic contaminants (by soil pH) mg/kgDS)	≤6.0	6.0-7.0	>7.0					
*Zinc (Nitric acid extract)	<200	<200	<300	22	Y	Y	Y	Y
*Copper (Nitric acid extract)	<100	<135	<200	42	Y	Y	Y	Y
*Nickel (Nitric acid extract)	<60	<75	<110	30	Y	Y	Y	Y
*Visible contaminants % m/m								
>2 mm	<0.5			0	Y	Y	Y	Y
...of which plastics	<0.25			0	Y	Y	Y	Y
...man made sharps	Zero in 1kg air-dried soil			0	Y	Y	Y	Y

Additional analytical certificate(s) for contaminants are appended. Y

DECLARATION: I certify that this sample of soil has been analysed in accordance with BS3882:2007

Signature: M A. Hopgood

BS 3882:2007 Topsoil
ANALYTICAL REPORT

Job Title:	Thomas Brothers	**Job Number:**	09-30236
Client Reference:	8704	**Sample Number:**	20124
Sample ID:	Paul 2	**Date Analysed:**	29/09/2009

Analytical Results:

Parameter	Multipurpose range			Result	Compliant with multipurpose range? (Y/N)	Compliant with specific purpose range? (Y/N)		
						Low F.	Acid.	Calc
$Texture								
Clay content %	5 - 35			16	Y	Y	Y	Y
Silt content %	0-65			21	Y	Y	Y	Y
Sand content %	30-85			95	Y	Y	Y	Y
Soil texture – (see figure 1)				Sandy Clay Loam				
Soil organic matter content % (varying with clay content)								
Clay 5-20%	3.0-20							
Clay 20-35%	5.0-20			6	Y	Y	Y	Y
$Maximum coarse fragment - Content % *m/m*								
>2 mm	0-30			13	Y	Y	Y	Y
>20 mm	0-10			0	Y	Y	Y	Y
>50 mm	0			0	Y	Y	Y	Y
#Soil pH value	5.5-8.5			7.6	Y	Y	N	Y
*Carbonate (Calcareous only)	>1			<1				N
Available plant nutrient content								
*Nitrogen ≥ 0.15%				0.15	Y		N	N
*Nitrogen <0.1%				0.18		Y		
*Extractable phosphorous <15mgP/l				22	Y	Y	Y	Y
*Extractable potassium <120mgP/l				155	Y	Y	Y	Y
*Extractable magnesium mg/l	51-600			240	Y	Y	Y	Y
Carbon: Nitrogen ratio	<20:1			17	Y	Y	Y	Y
*Exchangeable sodium percentage % (only measure if soil electrical conductivity >2,800 µS cm^{-}1)	<15							
Phytotoxic contaminants (by soil pH) mg/kgDS)	≤6.0	6.0-7.0	>7.0					
*Zinc (Nitric acid extract)	<200	<200	<300	40	Y	Y	Y	Y
*Copper (Nitric acid extract)	<100	<135	<200	45	Y	Y	Y	Y
*Nickel (Nitric acid extract)	<60	<75	<110	10	Y	Y	Y	Y
*Visible contaminants % m/m								
>2 mm	<0.5			0	Y	Y	Y	Y
...of which plastics	<0.25			0	Y	Y	Y	Y
...man made sharps	Zero in 1kg air-dried soil			0	Y	Y	Y	Y

Additional analytical certificate(s) for contaminants are appended. Y

DECLARATION: I certify that this sample of soil has been analysed in accordance with BS3882:2007

M A . Hopgood

Signature:

BS 3882:2007 Topsoil
ANALYTICAL REPORT

Job Title:	Thomas Brothers	**Job Number:**	09-30236
Client Reference:	8704	**Sample Number:**	20122
Sample ID:	Paul 3	**Date Analysed:**	29/09/2009

Analytical Results:

Parameter	Multipurpose range			Result	Compliant with multipurpose range? (Y/N)	Compliant with specific purpose range? (Y/N)		
						Low F.	Acid.	Calc
$Texture								
Clay content %	5 - 35			<3	Y	Y	Y	Y
Silt content %	0-65			<3	Y	Y	Y	Y
Sand content %	30-85			95	Y	Y	Y	Y
Soil texture – (see figure 1)				Sandy Loam				
Soil organic matter content % (varying with clay content)								
Clay 5-20%	3.0-20			3.2	Y	Y	Y	Y
Clay 20-35%	5.0-20							
$Maximum coarse fragment - Content % *m/m*								
>2 mm	0-30			3	Y	Y	Y	Y
>20 mm	0-10			0	Y	Y	Y	Y
>50 mm	0			0	Y	Y	Y	Y
#Soil pH value	5.5-8.5			7.6	Y	Y	N	Y
*Carbonate (Calcareous only)	>1			<1				N
Available plant nutrient content								
*Nitrogen ≥ 0.15%				0.16	Y		N	N
*Nitrogen <0.1%				0.12		Y		
*Extractable phosphorous <15mgP/l				20	Y	Y	Y	Y
*Extractable potassium <120mgP/l				160	Y	Y	Y	Y
*Extractable magnesium mg/l	51-600			250	Y	Y	Y	Y
Carbon: Nitrogen ratio	<20:1			14	Y	Y	Y	Y
*Exchangeable sodium percentage % (only measure if soil electrical conductivity >2,800 µS cm^{-}1)	<15							
Phytotoxic contaminants (by soil pH) mg/kgDS)	≤6.0	6.0-7.0	>7.0					
*Zinc (Nitric acid extract)	<200	<200	<300	50	Y	Y	Y	Y
*Copper (Nitric acid extract)	<100	<135	<200	35	Y	Y	Y	Y
*Nickel (Nitric acid extract)	<60	<75	<110	12	Y	Y	Y	Y
*Visible contaminants % m/m								
>2 mm	<0.5			0	Y	Y	Y	Y
...of which plastics	<0.25			0	Y	Y	Y	Y
...man made sharps	Zero in 1kg air-dried soil			0	Y	Y	Y	Y

Additional analytical certificate(s) for contaminants are appended. Y

DECLARATION: I certify that this sample of soil has been analysed in accordance with BS3882:2007

Signature: M A. Hopgood

BS 3882:2007 Topsoil
ANALYTICAL REPORT

Job Title:	Thomas Brothers	**Job Number:**	09-30236
Client Reference:	8704	**Sample Number:**	20126
Sample ID:	Paul 4	**Date Analysed:**	29/09/2009

Analytical Results:

Parameter	Multipurpose range			Result	Compliant with multipurpose range? (Y/N)	Compliant with specific purpose range? (Y/N)		
						Low F.	Acid.	Calc
$Texture								
Clay content %	5 - 35			6	Y	Y	Y	Y
Silt content %	0-65			20	Y	Y	Y	Y
Sand content %	30-85			74	Y	Y	Y	Y
Soil texture – (see figure 1)				Sandy Clay Loam				
Soil organic matter content % (varying with clay content)								
Clay 5-20%	3.0-20			<2	Y	Y	Y	Y
Clay 20-35%	5.0-20							
$Maximum coarse fragment - Content % *m/m*								
>2 mm	0-30			0	Y	Y	Y	Y
>20 mm	0-10			0	Y	Y	Y	Y
>50 mm	0			0	Y	Y	Y	Y
#Soil pH value	5.5-8.5			7.6	Y	Y	N	Y
*Carbonate (Calcareous only)	>1			<1				N
Available plant nutrient content								
*Nitrogen ≥ 0.15%				0.16	Y		N	N
*Nitrogen <0.1%				0.12		Y		
*Extractable phosphorous <15mgP/l				30	Y	Y	Y	Y
*Extractable potassium <120mgP/l				170	Y	Y	Y	Y
*Extractable magnesium mg/l	51-600			260	Y	Y	Y	Y
Carbon: Nitrogen ratio	<20:1			12	Y	Y	Y	Y
*Exchangeable sodium percentage % (only measure if soil electrical conductivity >2,800 µS cm^{-}1)	<15							
Phytotoxic contaminants (by soil pH) mg/kgDS)	≤6.0	6.0-7.0	>7.0					
*Zinc (Nitric acid extract)	<200	<200	<300	55	Y	Y	Y	Y
*Copper (Nitric acid extract)	<100	<135	<200	90	Y	Y	Y	Y
*Nickel (Nitric acid extract)	<60	<75	<110	30	Y	Y	Y	Y
*Visible contaminants % m/m								
>2 mm	<0.5			0	Y	Y	Y	Y
...of which plastics	<0.25			0	Y	Y	Y	Y
...man made sharps	Zero in 1kg air-dried soil			0	Y	Y	Y	Y

Additional analytical certificate(s) for contaminants are appended. Y

DECLARATION: I certify that this sample of soil has been analysed in accordance with BS3882:2007

M A . Hopgood

Signature:

sarah.roberts

From: Tregelles, Mark [Mark.Tregelles@norwest.co.uk]
Sent: 02 November 2009 14:32
To: sarah.roberts
Cc: chris.pugh; Mulrooney, Kieran
Subject: RE: Glan Usk School - Topsoil Testing [Filed 02 Nov 2009 14:40]
Attachments: Imported Topsoil Location.doc; Area of topsoil removed 1.JPG; Area of topsoil removed 2.JPG

Sarah,

I have looked into the topsoil exceeding the import material criteria and can comment as follows:

All three tests were conducted to obtain future sources of topsoil should they be required. Lynsey 1 & 2 have not been imported onto site and following these chemical tests, they will not come onto site. Mark 1 however, was also tested as a possible future source, but due to a hydraulic failure on the excavator loading our usual topsoil supply, a small section of Mark 1 had been imported onto site (3 loads). This topsoil was recycled and was clearly evident when it was delivered to site due to the poor quality and darker colour of soil. Due to its distinguishable characteristics, it was very easily locatable and removed immediately. I have attached some photos showing the extent of where the topsoil was removed. There was a total of 7 loads of topsoil removed from the site to ensure there was no cross contamination with the previously installed topsoil. I will track down the transfer notes for these loads and forward for your attention.

I also made time to visit the location of our previously supplied topsoil to ensure there was enough to continue with. I have attached a document showing photos of this location and brief description of current and future activities.

I am confident that all topsoil imported under source “Mark 1” has been completely removed from site. If you would like any further information please do not hesitate to contact me.

Regards,

Mark Tregelles
Assistant Site Manager

VINCI CONSTRUCTION UK LTD
Glan Usk School
Herbert Road
Newport
NP19 7BH
Office: 01633 235920
Fax: 01633 264764
Mob: 07768 057466

From: sarah.roberts [mailto:sarah.roberts@wyg.com]
Sent: 21 October 2009 11:03
To: Tregelles, Mark
Cc: chris.pugh; Mulrooney, Kieran
Subject: RE: Glan Usk School - Topsoil Testing

Mark,

I've had a look at the latest set of analytical results for the topsoil imported to site (lab reference 09-31036). When the determinands are screened against the chemical criteria for import materials it is shown that there are a number of exceedances, namely

- Sample Ref Lynsey 2/1 shows an exceedance of cadmium
- Sample Ref Mark 1 shows exceedances in four species from the PAH suite.

Based on these results, this material does not meet the import criteria for use on the site and therefore should not be used as part of the capping system. Could you please let us know how and when the material is removed from site.

Regards

Sarah Roberts
Geo Environmental Engineer

Tel: +44 (0)29 2082 9227

WYG Environment Planning Transport Ltd. Registered in England number: 3050297. Registered Office: Arndale Court, Otley Road, Headingley, Leeds, West Yorkshire LS6 2UJ VAT No: 431-0326-08

From: Tregelles, Mark [mailto:Mark.Tregelles@norwest.co.uk]
Sent: 20 October 2009 15:45
To: sarah.roberts
Cc: chris.pugh; Mulrooney, Kieran
Subject: Glan Usk School - Topsoil Testing

Sarah,

Please find attached some more topsoil test results for your comment and inclusion into the report.

Regards,

Mark Tregelles
Assistant Site Manager

VINCI CONSTRUCTION UK LTD
Glan Usk School
Herbert Road
Newport
NP19 7BH
Office: 01633 235920
Fax: 01633 264764
Mob: 07768 057466

****

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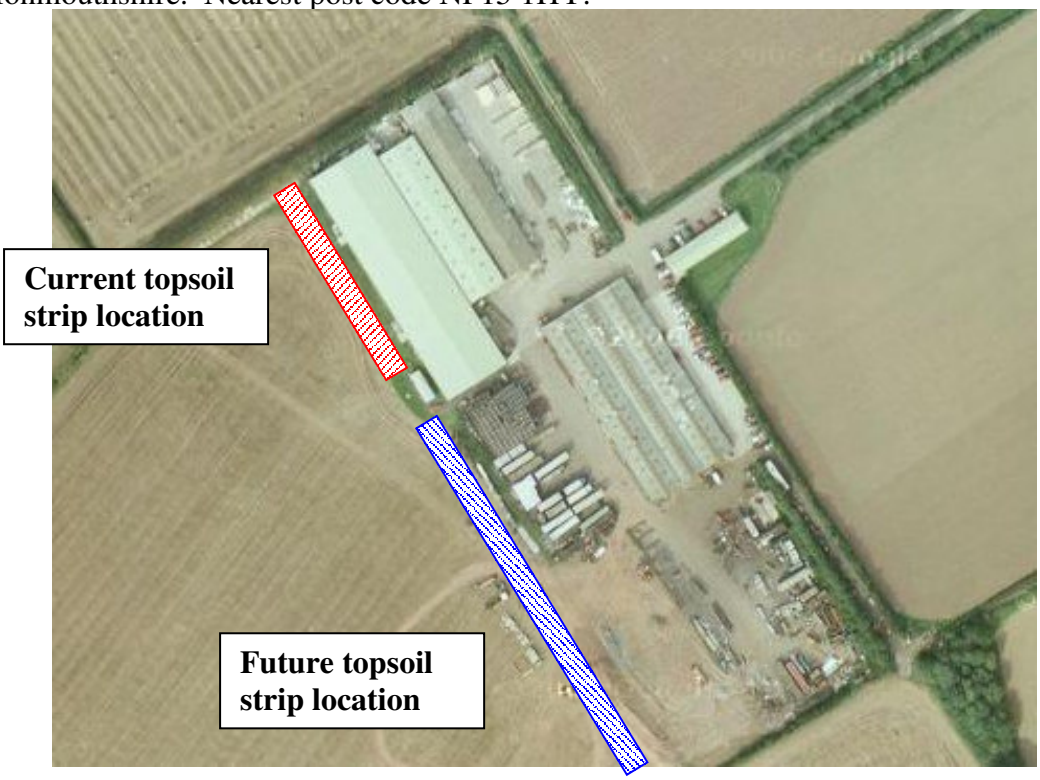
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****

Imported Topsoil Location

Usk, Monmouthshire. Nearest post code NP15 1HY.



The site is currently being used to grow potatoes for supermarket chain Asda. The topsoil is being reduced in the area shown in the aerial photo below to allow potential extention to neighbouring warehouses.



Photo 1



Photo showing the current amount of topsoil imported to our site from this location.

Photo 2



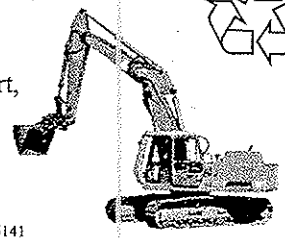
Photo showing the extent of available topsoil in the future.

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CONVEYANCE NOTE 00855

Customer Thomas Bros

Site Address Oakland School

Customer Order No.

Date: 14/10/09

Sub-Contractor Mark Hibbard Works Tip

Tipper Size (tick appropriate box)
4 Wheel ☐ 6 Wheel ☐
8 Wheel ☑ Grab Lorry ☐

Driver's Name Gary Vehicle Reg. MT57 TX

DAYWORK	COLLECT	DELIVER
Hours Worked		
Waiting Time	Builders' Waste 17 09 03 ☐	Crushed Material ☐
Travel Time	Top Soil 17 05 04 ☐	Dust ☐
TOTAL HOURS	Sub-Soil 17 05 04 ☐	Sand ☐
	Wet ☐	Planning ☐
	Tarmac 17 03 03 ☐	Top Soil-As Dug ☐
	Concrete 17 01 01 ☐	Screened Soil ☐
	Brick 17 01 02 ☐	Other ☐
	Reinforced Concrete 17 01 01 ☐	

Customer's Signature ..... Print Name .....

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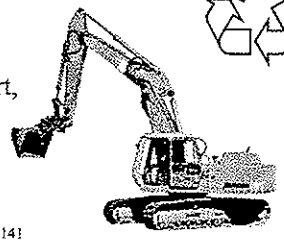
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CONVEYANCE NOTE 00417

Customer ..... Customer Order No.

Site Address .....

..... Date: 10/10/09

Sub-Contractor ..... Tip .....

Driver's Name ..... Vehicle Reg. .....

Tipper Size (tick appropriate box)
4 Wheel ☐ 6 Wheel ☐
8 Wheel ☐ Grab Lorry ☐

DAYWORK	COLLECT	DELIVER
Hours Worked		
Waiting Time	Builders' Waste 17 09 03 ☐	Crushed Material ☐
Travel Time	Top Soil 17 05 04 ☐	Dust ☐
TOTAL HOURS	Sub-Soil 17 05 04 ☐	Sand ☐
	Wet ☐	Planning ☐
	Tarmac 17 03 03 ☐	Top Soil-As Dug ☐
	Concrete 17 01 01 ☐	Screened Soil ☒
	Brick 17 01 02 ☐	Other ☐
	Reinforced Concrete 17 01 01 ☐	

Customer's Signature ..... Print Name .....

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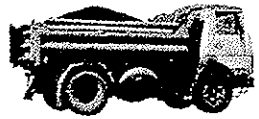
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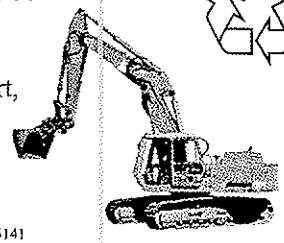
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CONVEYANCE NOTE 00363

Customer ..... Customer Order No.

Site Address .....

..... Date: 12/10/09

Sub-Contractor ..... Tip .....

Driver's Name ..... Vehicle Reg. .....

Tipper Size (tick appropriate box)
4 Wheel ☐ 6 Wheel ☐
8 Wheel ☐ Grab Lorry ☐

DAYWORK	COLLECT	DELIVER
Hours Worked		
Waiting Time	Builders' Waste 17 09 03 ☐	Crushed Material ☐
Travel Time	Top Soil 17 05 04 ☐	Dust ☐
TOTAL HOURS	Sub-Soil 17 05 04 ☐	Sand ☐
	Wet ☐	Planning ☐
	Tarmac 17 03 03 ☐	Top Soil-As Dug ☐
	Concrete 17 01 01 ☐	Screened Soil ☐
	Brick 17 01 02 ☐	Other ☐
	Reinforced Concrete 17 01 01 ☐	

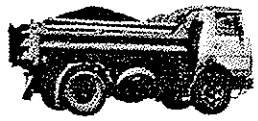
Customer's Signature ..... Print Name .....

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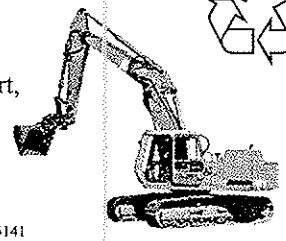
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CONVEYANCE NOTE 00858

Customer Hanns Bros Customer Order No.

Site Address Glebeland School

Date 26/10/09

Sub-Contractor Falcon & St Michaels Tipper Size (tick appropriate box)

Driver's Name Paul Vehicle Reg CN09 HOO

4 Wheel ☐ 6 Wheel ☐
8 Wheel ☑ Grab Lorry ☐

DAYWORK	COLLECT	DELIVER
Hours Worked	Top Soil ?	
Waiting Time	Builders' Waste 17 09 03 ☐	Crushed Material ☐
Travel Time	Top Soil 17 05 04 ☑	Dust ☐
TOTAL HOURS	Sub-Soil 17 05 04 ☐	Sand ☐
	Wet ☐	Planning ☐
	Tarmac 17 03 03 ☐	Top Soil-As Dug ☐
	Concrete 17 01 01 ☐	Screened Soil ☐
	Brick 17 01 02 ☐	Other ☐
	Reinforced Concrete 17 01 01 ☐	

Customer's Signature K Rowe Print Name

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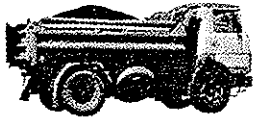
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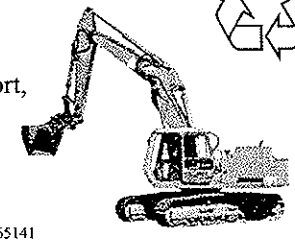
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CONVEYANCE NOTE 00857

Customer THOMAS BROS
Site Address GLOUCESTER SCHOOL
Customer Order No.
Date: 26/10/09
Sub-Contractor ST MELLONS Tip
Driver's Name PAUL Vehicle Reg. CN09AMO
Tipper Size (tick appropriate box)
4 Wheel ☐ 6 Wheel ☐
8 Wheel ☑ Grab Lorry ☐

DAYWORK	COLLECT	DELIVER
Hours Worked	TOPSOIL	
Waiting Time	Builders' Waste 17 09 03 ☐	Crushed Material ☐
Travel Time	Top Soil 17 05 04 ☐	Dust ☐
TOTAL HOURS	Sub-Soil 17 05 04 ☒	Sand ☐
	Wet ☐	Planning ☐
	Tarmac 17 03 03 ☐	Top Soil-As Dug ☐
	Concrete 17 01 01 ☐	Screened Soil ☐
	Brick 17 01 02 ☐	Other ☐
	Reinforced Concrete 17 01 01 ☐	

Customer's Signature [signature] Print Name

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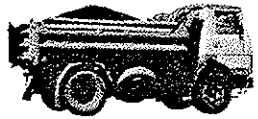
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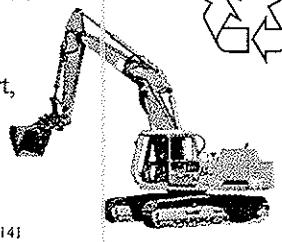
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CONVEYANCE NOTE 00856

Customer GLOUCESTER SCHOOL
Site Address THOMAS BROS
Customer Order No.
Date: 26/10/09
Sub-Contractor ST MELLONS Tip
Driver's Name PAUL Vehicle Reg. CN09AMO
Tipper Size (tick appropriate box)
4 Wheel ☐ 6 Wheel ☐
8 Wheel ☑ Grab Lorry ☐

DAYWORK	COLLECT	DELIVER
Hours Worked	TOPSOIL	
Waiting Time	Builders' Waste 17 09 03 ☐	Crushed Material ☐
Travel Time	Top Soil 17 05 04 ☒	Dust ☐
TOTAL HOURS	Sub-Soil 17 05 04 ☐	Sand ☐
	Wet ☐	Planning ☐
	Tarmac 17 03 03 ☐	Top Soil-As Dug ☐
	Concrete 17 01 01 ☐	Screened Soil ☐
	Brick 17 01 02 ☐	Other ☐
	Reinforced Concrete 17 01 01 ☐	

Customer's Signature [signature] Print Name

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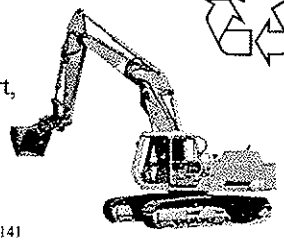
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CONVEYANCE NOTE 00492

Customer THOMAS BROS — Customer Order No. .....

Site Address GLEBELANDS — .....

..... Date 26/10/09

Sub-Contractor ..... Tip ST MELLONS — Tipper Size (tick appropriate box)

Driver's Name LA — Vehicle Reg. GN06HZM — 4 Wheel ☐ 6 Wheel ☐ 8 Wheel ☑ Grab Lorry ☐

DAYWORK	COLLECT	DELIVER
Hours Worked		
Waiting Time	Builders' Waste 17 09 03 ☐	Crushed Material ☐
Travel Time	Top Soil 17 05 04 ☐	Dust ☐
TOTAL HOURS	Sub-Soil 17 05 04 ☑	Sand ☐
	Wet ☐	Planning ☐
	Tarmac 17 03 03 ☐	Top Soil-As Dug ☑
	Concrete 17 01 01 ☐	Screened Soil ☐
	Brick 17 01 02 ☐	Other ☐
	Reinforced Concrete 17 01 01 ☐	

Customer's Signature ..... Print Name .....

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WASTE TRANSFER NOTE

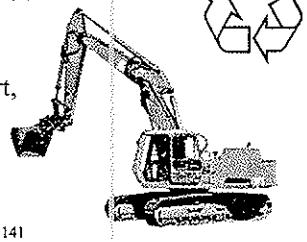
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CONVEYANCE NOTE 00491

Customer THOMAS BROS — Customer Order No. .....

Site Address GLEBELANDS — .....

..... Date 26/10/09

Sub-Contractor ..... Tip ST MELLONS — Tipper Size (tick appropriate box)

Driver's Name LA — Vehicle Reg. GN06HZM — 4 Wheel ☐ 6 Wheel ☐ 8 Wheel ☑ Grab Lorry ☐

DAYWORK	COLLECT	DELIVER
Hours Worked		
Waiting Time	Builders' Waste 17 09 03 ☐	Crushed Material ☐
Travel Time	Top Soil 17 05 04 ☑	Dust ☐
TOTAL HOURS	Sub-Soil 17 05 04 ☐	Sand ☐
	Wet ☐	Planning ☐
	Tarmac 17 03 03 ☐	Top Soil-As Dug ☐
	Concrete 17 01 01 ☐	Screened Soil ☐
	Brick 17 01 02 ☐	Other ☐
	Reinforced Concrete 17 01 01 ☐	

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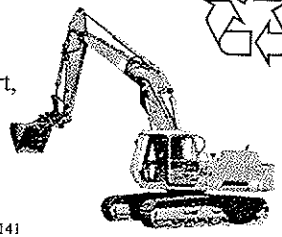
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CONVEYANCE NOTE 00490

Customer THOMAS BROS

Site Address GLEBELANDS.

Customer Order No.

Date 26/10/09

Sub-Contractor ..... Tip ST MELLONS

Driver's Name KA Vehicle Reg. V66 HZM

Tipper Size (tick appropriate box)
4 Wheel ☐ 6 Wheel ☐
8 Wheel ☑ Grab Lorry ☐

DAYWORK	COLLECT	DELIVER
Hours Worked		
Waiting Time	Builders' Waste 17 09 03 ☐	Crushed Material ☐
Travel Time	Top Soil 17 05 04 ☐	Dust ☐
TOTAL HOURS	Sub-Soil 17 05 04 ☑	Sand ☐
	Wet ☐	Planning ☐
	Tarmac 17 03 03 ☐	Top Soil-As Dug ☑
	Concrete 17 01 01 ☐	Screened Soil ☐
	Brick 17 01 02 ☐	Other ☐
	Reinforced Concrete 17 01 01 ☐	

Customer's Signature N Rowan Print Name .....

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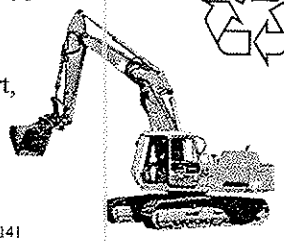
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CONVEYANCE NOTE 00489

Customer THOMAS BROS

Site Address GLEBELANDS

Customer Order No.

Date 26/10/09

Sub-Contractor ..... Tip ST MELLONS

Driver's Name KA Vehicle Reg V66 HZM

Tipper Size (tick appropriate box)
4 Wheel ☐ 6 Wheel ☐
8 Wheel ☐ Grab Lorry ☐

DAYWORK	COLLECT	DELIVER
Hours Worked		
Waiting Time	Builders' Waste 17 09 03 ☐	Crushed Material ☐
Travel Time	Top Soil 17 05 04 ☑	Dust ☐
TOTAL HOURS	Sub-Soil 17 05 04 ☐	Sand ☐
	Wet ☐	Planning ☐
	Tarmac 17 03 03 ☐	Top Soil-As Dug ☑
	Concrete 17 01 01 ☐	Screened Soil ☐
	Brick 17 01 02 ☐	Other ☐
	Reinforced Concrete 17 01 01 ☐	

Customer's Signature N Rowan Print Name .....

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WASTE TRANSFER NOTE

Regulator Correspondence

Mark Hand
MH/SAD/03/1531/05

01633 656656
01633 232506
01633 232334
33238 Newport (South Wales)(1)
mark.hand@newport.gov.uk

Richard Hogg (Site Manager)
Norwest Holst Limited
Glebelands PFI Newport
Site Office
Bank Street
Glebelands
Newport
NP19 7HF

18 November 2008

For the attention of Mr. R Hogg

Dear Sirs

Development at Glebelands, Newport
Planning Permissions 00/0768/O and 03/1531/RM

Dear Mr Hogg,

Thank you for attending the meeting at the Civic Centre with your colleagues last Friday at such short notice. However, you will appreciate the need to resolve this matter swiftly.

As discussed at our meeting, the Council's stance is that the material imported onto the site is in breach of conditions 06 and 12 of planning permission 00/0768. Specifically, the granular material is contaminated by raised levels of Lead, Arsenic and Cadmium (albeit that this derives from its naturally excavated state), the levels of contamination are not marginally above Tier 1 levels, and the submission of results of testing at 500 cubic metres has not taken place.

As agreed at our meeting, I have discussed the issues concerning the imported granular material with my colleagues in Environmental Health, and would advise that the following actions are required in order to remedy this issue.

The use of imported natural granular material to prepare ground surfaces under hard cover areas and building footprints for construction purposes is acceptable. Section 7.4.2 of the remediation strategy approved in relation to Condition 06 of planning permission 00/0768 clearly refers to the granular layer being applied to gardens, soft landscaping and playing fields. Where used beneath the building footprints and hard surface areas (access road, playground and MUGA) this material does not form part of the granular layer referred to by the remediation strategy but is instead a construction material used as a sub-base. Neither condition 06 nor condition 12 relate to the construction materials (bricks, cement etc.)

Continued…/

themselves, but instead relate to imported fill and capping material. The retention of this material beneath the footprint of the building and under hard surface layers is not in breach of planning conditions 06 or 12. The Council accepts that the construction of the building itself and impermeable hard surfaces on top of this material will act as a cap and that there would be no resultant risk to human health or protected waters. This is an acceptable construction technique.

The use of the imported granular material in all other areas (soft landscape, gardens and playing fields) is in breach of planning conditions 06 and 12. The granular capping material in these areas must meet the Tier 1 Screening levels stated within the approved remediation strategy. As discussed in our meeting, it may be possible to achieve this through technical solutions, for example sieving the material to remove the fine particles which are believed to be a greater contaminant. Testing will be required to demonstrate that the approved Tier 1 levels have been achieved. If this cannot be achieved, all imported granular material must be removed from the soft landscaping areas, gardens and playing fields and removed from site. New material should then be brought onto site having first been tested to ensure it meets the Tier 1 levels.

Further validation testing will be required to demonstrate that the approved Tier 1 levels have been achieved. As you will be aware, Condition 07 of the planning permission requires certification upon completion to confirm that the approved remediation strategy has been complied with in full. This condition must be discharged before the school can be used (or, in the next phase, before any house is occupied).

I trust this clarifies the Council's position.

Yours faithfully,

Mark Hand
Development Control Manager

Tracey Lee
TL/SLM

01633 656656

99463 Newport (Gwent) 3
tracey.lee@newport.gov.uk

Civic Centre/Canolfan Ddinesig
Newport/Casnewydd
South Wales/De Cymru
NP20 4UR

Newport CITY COUNCIL
CYNGOR DINAS Casnewydd

Mr Adrian Glenn
Project Manager
Vinci Investments Ltd
Astral House
Imperial Way
Watford
Hertfordshire
WD24 4WW

8 May 2009

Dear Mr Glenn

LAND AT GLEBELANDS – REMEDIATION STRATEGY

Thank you for sharing with me the response of Norwest Holt Limited (NHL) dated 21 November 2008. It was useful to be able to review the position at our meeting this morning.

I have two significant concerns in respect of the letter from NHL:-

1. The advice I have received is that a proposal to adopt screening values, which are other than marginally in excess of the Tier 1 Screening Values may constitute a major change to the planning consent.

2. NHL appear to be interpreting the Remediation Strategy in a way which responds to the test results on the cap material rather than ensure compliance with the approved strategy.

Unfortunately, the NHL letter takes no account of the response of Andrew Williams, Scientific Officer to questions raised by WYG in respect of validation testing (e.mail dated 20 November 2008). Therefore, we do not appear to be any closer to resolving this issue. At the same time, the laying of concrete panels across the site of the school building is imminent.

In these circumstances, I would urge you to work towards ensuring that a decision is made by close Friday 28 November 2008.

Yours sincerely



TRACEY LEE
Corporate Director

cc David Finch Director Vinci Investments Ltd

sarah.roberts

From: Andrew Williams [andrew.williams@newport.gov.uk]
Sent: 05 December 2008 16:59
To: Richard Hogg; chris.pugh; rhysm.davies
Subject: Re: Imported Granular Stone Results

Follow Up Flag: Follow up
Flag Status: Completed

Dear all

I agree that the majority of the s 7 samples analysed fall within Tier 1 levels for Nickel and the remainder are marginal (with one exception).

However this is a relatively small sample population so additional sampling would need to demonstrate that the material met Tier 1 levels or only marginally exceeded them. Hopefully if further analysis provides similar results statistical analysis of the data would confirm this.

Have a good weekend
Andy

Andy Williams
Scientific Officer
Newport City Council
01633 232882
Ext 2882

>>> "Hogg, Richard" <Richard.Hogg@norwest.co.uk> 05/12/2008 08:37 >>>
File RH/18/9573/K310/1039

Chris / Rhys,

Please see attached granular stone (grit stone) test results for 6F4 material stockpiled at Lafarge's Abercarn quarry. The results appear to comply with the Tier 1 Screening Values apart from Nickel which has an average of 51mg/kg and the Tier 1 screening value is 50mg/kg.

I would class this as "marginally" exceeding the Tier 1 screening values, but in accordance with the remediation strategy we will need consultation with the statutory regulators before we can use it for the granular cap.

Please can you consult with the statutory regulator and confirm if this stone is suitable for use as the granular cap on this site.

I look forward to hearing from you.

Regards

Richard Hogg

Project Manager

Norwest Holst Ltd

Tel : 01633 235 924 (Direct Line)

Fax: 01633 264764

Mobile: 07900 678 236

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Ymwadiad

Arbedwch bapur - meddyliwch cyn ichi argraffu!

Mae'r e-bost hon yn cynnwys gwybodaeth y bwriedir i'r sawl y'i cyfeiriwyd ato/atynt yn unig a gall fod yn gyfrinachol, yn amodol ar ragorfraint gyfreithiol neu broffesiynol, neu fel arall wedi'i diogelu rhag cael ei rhyddhau. Os nad chi yw'r sawl y bwriadwyd iddo dderbyn y neges hon, a fyddech cystal â rhoi gwybod i'r anfonwr ar unwaith a pheidio â datgelu, dosbarthu neu gopïo'r e-bost i barti arall. Mae'r e-bost hon ac unrhyw ffeiliau atodedig yn eiddo i Gyngor

Dinas Casnewydd.

Pan anfonwch e-bost at Gyngor Dinas Casnewydd, rydych yn cydsynio i'r Cyngor fonitro a darllen unrhyw e-bost o'r fath at bwrpasau cydymffurfio â diogelwch ac â deddfwriaeth. I weld yr ymwrthodiad llawn ewch i http://www.newport.gov.uk/ymwadiad

sarah.roberts

From: Andrew Williams [andrew.williams@newport.gov.uk]
Sent: 21 January 2009 12:33
To: Matthew Phillips; rhysm.davies
Subject: Re: Newport Crushed stone - tests 2-4 (A240/K310/1117)

Hi Matt

Thank you for forwarding the latest test results. The analysis shows that the imported material meets the remediation strategy thresholds with the exception of Nickel which shows only marginal exceedances, and therefore can be considered fit for purpose.

Regards
Andy

Andy Williams
Scientific Officer
Newport City Council
01633 232882
Ext 2882

>>> "Phillips, Matthew" <Matthew.Phillips@norwest.co.uk> 21/01/2009 11:28 >>>
Mail Ref: 189573/MP/A240/K310/1117

Andy / Rhys,

Please find attached the results of stone tests 2, 3 and 4 carried out for every 500m³ of imported material.

Regards,

Matthew Phillips

Section Engineer

Norwest Holst Limited

Glebelands PFI Newport

Site Office

Bank Street

Glebelands

Newport

NP19 7HF

Tel: 01633 235920

Direct: 01633 235925

Fax: 01633 264764

Mob: 07778 521464

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Pan anfonwch e-bost at Gyngor Dinas Casnewydd, rydych yn cydsynio i'r Cyngor fonitro a darllen unrhyw e-bost o'r fath at bwrpasau cydymffurfio â diogelwch ac â deddfwriaeth. I weld yr ymwrthodiad llawn ewch i http://www.newport.gov.uk/ymwadiad

sarah.roberts

From: Andrew Williams [andrew.williams@newport.gov.uk]
Sent: 03 February 2009 15:00
To: rhysm.davies
Cc: Jonathan Keen; John Charles; Richard Hogg; chris.pugh
Subject: Re: Durham Road/Glan Usk school - topsoil samples

Follow Up Flag: Follow up
Flag Status: Completed

Hi Rhys

Thank you for forwarding the results of the top soil analysis.

On the basis of the results submitted so far, the threshold exceedance of Arsenic (21mg/kg) can be considered marginal.

The elevated TPH result and the explanation concerning soil chemistry and the presence of naturally occurring organic material is considered reasonable justification for the levels of TPH identified.

Therefore from the information provided to date, the top soil appears to be fit for purpose.

Regards
Andy

Andy Williams
Scientific Officer
Newport City Council
01633 232882
Ext 2882

>>> "rhysm.davies" <rhysm.davies@wyg.com> 30/01/2009 14:37 >>>
Andy,

Please find attached copies of the three topsoil samples submitted from Norwest intended for the 'housing area' at the Durham Road site.

A review of the data in-line with the WYG import criteria indicates one exceedance of arsenic (21 mg/kg) and two exceedances for the Total TPH
(C10-C40) (240 mg/kg and 63 mg/kg). WYG consider the arsenic concentration to be marginal exceedences.

Total TPH analysis on topsoil samples can be problematic where the organic content exceeds 5%, the results submitted had between 8.5 and 9.5%. WYG specified additional speciated TPH analysis on the topsoil samples to provide further information on the TPH compounds. None of the speciated TPH results exceed the WYG Tier 1 soil screening values for a 'residential with plant uptake' scenario (most conservative).

Many organic substances can contain naturally occurring hydrocarbons similar to petroleum hydrocarbons in their molecular formula. Natural fibres such as wood, grass, and vegetable matter contain humus material, which comprises polysaccharides, cellulose, amino acids, terpenes, ketones and degraded lignin. These can be falsely accounted in the laboratory. While some natural hydrocarbons will be removed from the material during the testing

process, humic acids and associated derivatives can remain and thereby feasibly be reported as containing elevated concentrations of petroleum hydrocarbons.

However the import criteria only includes Total TPH and not the speciated version. The Total TPH (C10-C40) is a more crude analysis of this group of contaminants with the speciated version allowing a much more detailed analysis of the material which should highlight that the individual TPH concentrations are not a risk to human health.

As indicated in the WYG remediation strategy, one sample per 500 m3 of imported topsoil will be taken as material is imported to site if with your agreement the material is considered to be suitable.

We would welcome your comments on this issue.

Regards

Rhys Meilir Davies
Senior Geo Environmental Consultant

WYG ENVIRONMENT
5th Floor, Longcross Court, 47 Newport Road, Cardiff, CF24 0AD
Tel: +44 (0)29 2082 9226
Fax: +44 (0)29 2045 5321
Mob: +44 (0)7788 566787

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****

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sarah.roberts

From: Andrew Williams [andrew.williams@newport.gov.uk]
Sent: 18 December 2008 16:24
To: Richard Hogg; chris.pugh; rhysm.davies
Cc: Jeremy Dickson; Jonathan Keen; John Charles
Subject: Re: FW: Durham Road Newport, Quarry Stone test results

Hi Richard

Thank you for forwarding the results of the analysis for the proposed imported material.

I've considered the results and like you've mentioned all levels appear to be below Tier 1 criteria with the exception of Nickel, where some results exceed the 50mg threshold.

The average reading for Nickel for the 15 samples analysed is 51.8 mg/kg which we would consider marginal. On this basis that the results of further testing of the material (during validation), are not significantly higher than current test results provided, we would consider it as acceptable capping material.

Regards
Andy

Andy Williams
Scientific Officer
Newport City Council
01633 232882
Ext 2882

>>> "Hogg, Richard" <Richard.Hogg@norwest.co.uk> 17/12/2008 13:05 >>>
All,

Please see attached test results on a further 8 No. samples on the Grit stone form Abercarn quarry.

Please confirm if it is acceptable to import this stone to be used as a cap to the school and development site in areas of soft landscaping, playing fields and gardens.

Regards

Richard Hogg

Project Manager

Norwest Holst Ltd

Tel : 01633 235 924 (Direct Line)

Fax: 01633 264764

Mobile: 07900 678 236

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From: Wilkinson, Christiaan
Sent: 17 December 2008 12:12
To: Phillips, Matthew
Cc: Hogg, Richard; 'bill.baker@conland.fsworld.co.uk'
Subject: FW: Durham Road Newport, Quarry Stone test results

Matthew,

Please see the attached quarry stone test results for samples received 12th December.

Kind Regards,

Christiaan Wilkinson

Principal Environmental Scientist

Norwest Holst Limited - Soil Engineering Division

Parkside Lane

Dewsbury Road

Leeds

LS11 5SX

Tel: 0113 3859138

Fax: 0113 2760472

Email: Christiaan.Wilkinson@norwest.co.uk
<mailto:Christiaan.Wilkinson@norwest.co.uk>

Web: www.soil-engineering.co.uk <http://www.soil-engineering.co.uk/>

****
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Vinci PLC
Registered in England and Wales No. 737204 Registered Office : Astral House, Imperial Way, Watford, Hertfordshire, WD24 4WW

****

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Save paper - think before you print!

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Ymwadiad

Arbedwch bapur - meddyliwch cyn ichi argraffu!

Mae'r e-bost hon yn cynnwys gwybodaeth y bwriedir i'r sawl y'i cyfeiriwyd ato/atynt yn unig a gall fod yn gyfrinachol, yn amodol ar ragorfraint gyfreithiol neu broffesiynol, neu fel arall wedi'i diogelu rhag cael ei rhyddhau. Os nad chi yw'r sawl y bwriadwyd iddo dderbyn y neges hon, a fyddech cystal â rhoi gwybod i'r anfonwr ar unwaith a pheidio â datgelu, dosbarthu neu gopïo'r e-bost i barti arall. Mae'r e-bost hon ac unrhyw ffeiliau atodedig yn eiddo i Gyngor Dinas Casnewydd.

Pan anfonwch e-bost at Gyngor Dinas Casnewydd, rydych yn cydsynio i'r Cyngor fonitro a darllen unrhyw e-bost o'r fath at bwrpasau cydymffurfio â diogelwch ac â deddfwriaeth. I weld yr ymwrthodiad llawn ewch i http://www.newport.gov.uk/ymwadiad

Ref: Lt_A042319-1_RMD_JC_15Dec08
15th December 2008

John Charles
Project Manager
Norwest Holst Limited
Glebelands PFI Newport
Site Office
Bank Street
Glebelands
Newport
NP19 7HF

Dear John,

Re: Glan Usk Primary School – Validation of Remedial works

WYG are continuing to validate the remedial works and we will prepare a validation report upon completion of the works. The letter from Mark Hand, dated 18th November, gave clarification to a number of technical discussions with the Newport City Council. Based on the adoption of the matters raised in Mark Hand's letter, we would confirm that the works are continuing to be undertaken in accordance with the agreed remediation strategy.

We understand that it is currently proposed to import a different material for use as the capping layer in all gardens, playing fields and soft landscaping areas. We are currently waiting a second batch of source test results and will be consulting with Andy Williams of Newport City Council on the use of this material prior to it being imported to site.

Yours sincerely
for **WYG ENVIRONMENT PLANNING TRANSPORT LTD**

Rhys Meilir Davies
Senior Geo Environmental Consultant

Chris Pugh
Associate Director

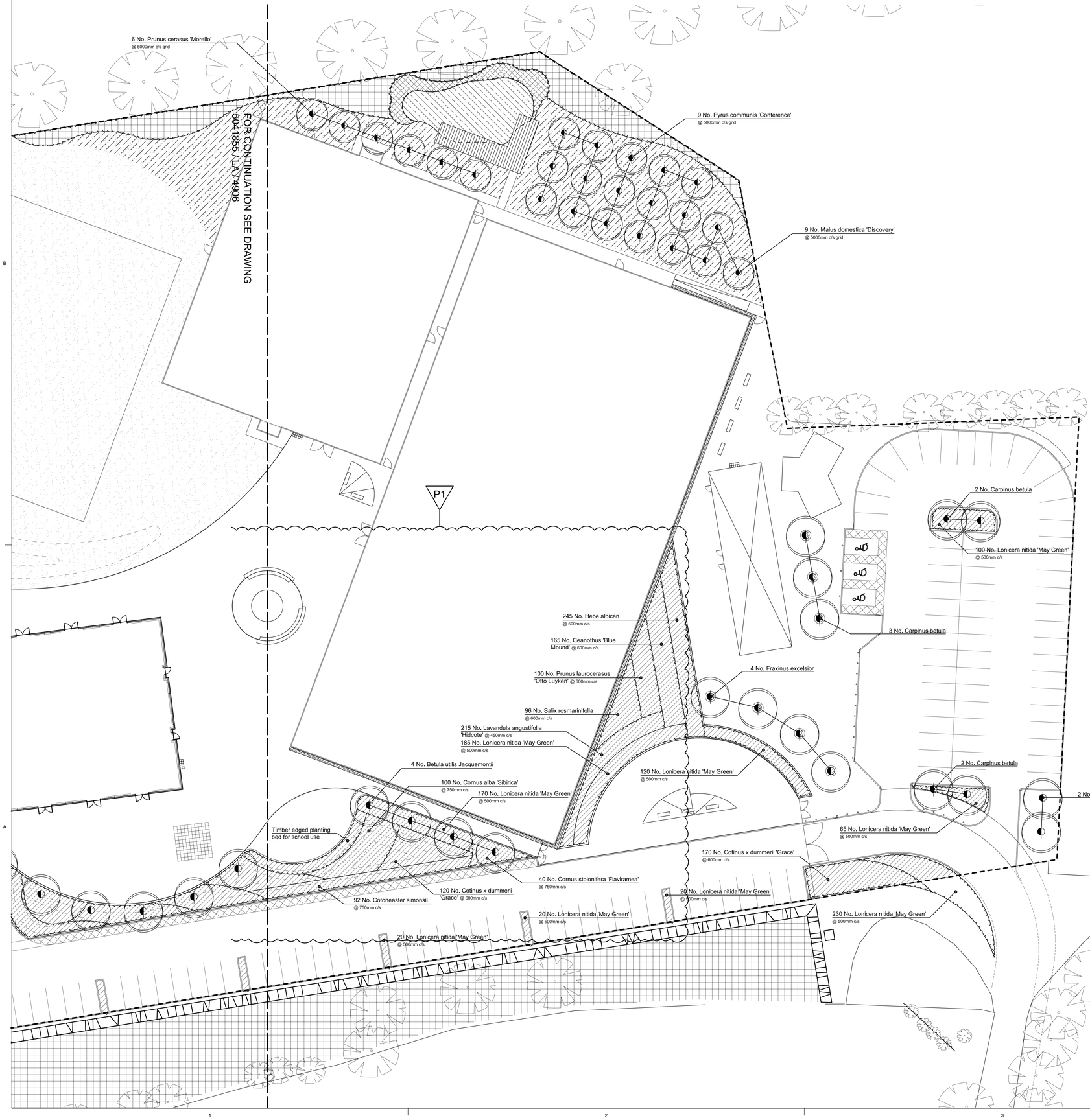
cc. Richard Hogg, Norwest Holst

5th Floor, Longcross Court, 47 Newport Road Cardiff, CF24 0AD
Tel: +44 (0)29 2082 9200 Fax: +44 (0)29 2045 5321 Email: info@wyg.com www.wyg.com

WYG Environment Planning Transport Ltd Registered in England Number: 3050297
Registered office: Arndale Court, Otley Road, Headingley, LS6 2UJ

Appendix Q VINCI Drawings

DO NOT SCALE



St Julian's Glebelands
(Recreation Ground)

ATKINS

NOTES:

1. This is not an Installation, Coordination or Record drawing.
2. Drawing to be read in conjunction with all other documentation including drawings and specifications.
3. The Works Plan is not a comprehensive set of construction information. The information on this drawing should not be regarded as final and may be subject to further development and change during Detailed Design.
4. The Contractor shall allow appropriate contingencies within the financial proposal to ensure the contract price will be adequate to cover the cost of any future design development in accordance with the ITN requirements.

REFER TO DRAWING 5041855 / LA / 4908 FOR PLANTING SCHEDULE AND DETAILS

Planting Key

- Ornamental Shrubs
- Specimen Shrubs
- Specimen Trees
- Native Hedgerow
- Native Planting Mix
- Amenity Grass Areas
- Informal Soft Play and Sports Pitches

Aquatic Planting

- Marginal Planting
- Oxygenating Planting

Rev.	Description	By	Date	Chk'd	Auth
P1	General planting scheme amendments as per revised site layout.	AL	02/07/07	NR	NR

Rev.	Purpose of Issue	Date	Authorised
P1	Works Plan 2	02/02/07	NR
0	Works Plan	30/03/06	NR

R.H Box for client signatures when required

Complete to show purpose of each issue

Main section

Sub section

Detail

Initial issue signatures

Drg. No. & Latest Revision

VINCI

NORWEST HOLST

WS Atkins Consultants Limited ©
Design, Environment & Engineering
160 Aztec West, Almondsbury, Bristol. BS32 4TU.
Tel. 01454 201400 / Fax. 01454 201568

Project
Glebelands Development
St Julians
Newport

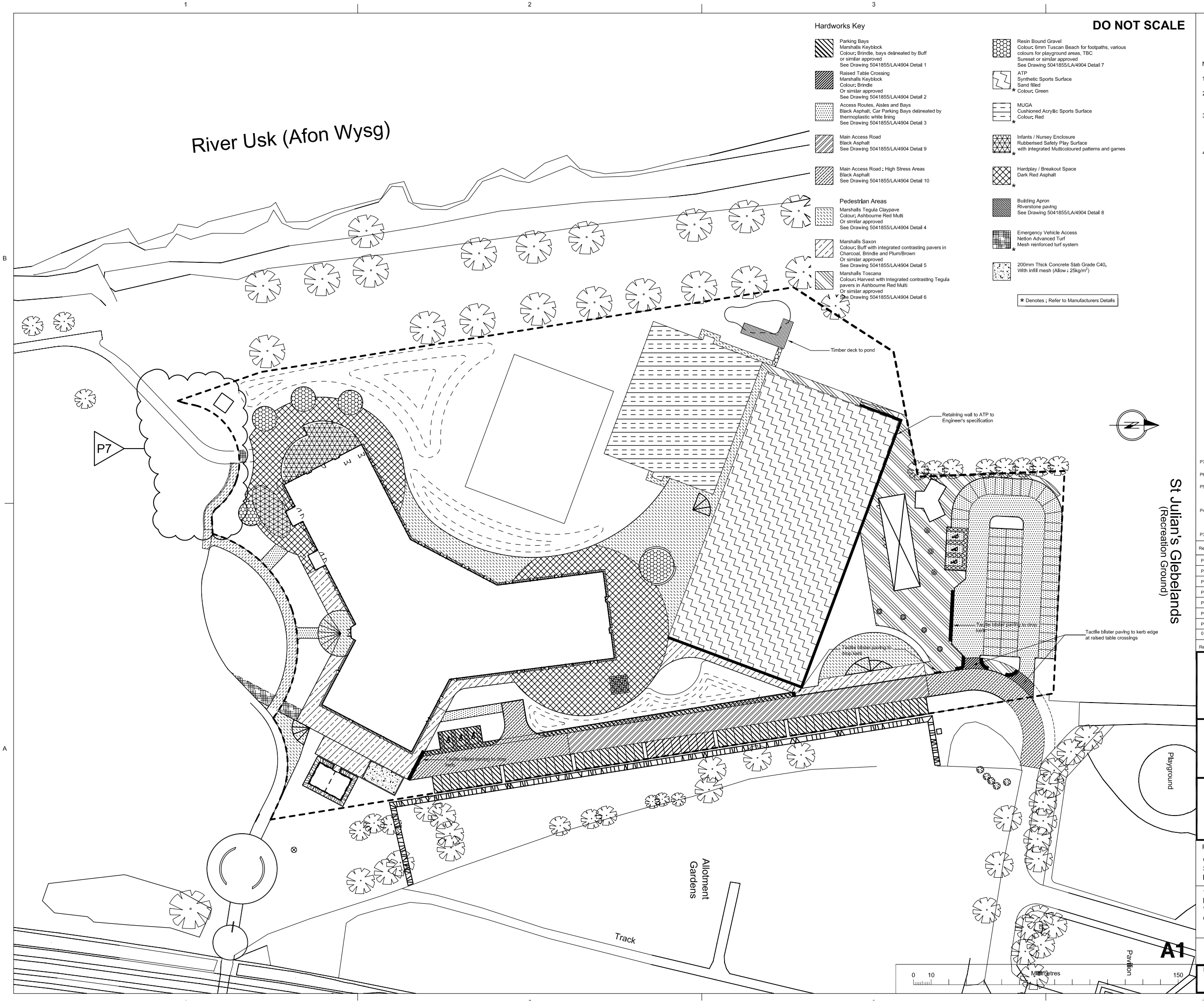
Title
Durham Road School
Planting Plan Sheet 2 of 2

Original Scale	Drawn	Checked	Authorised
1:200	AHL	NR	NR
	Date 10/01/06	Date 30/03/06	Date 30/03/06

A0

0 10 Millimetres 150

Drawing Number			Rev
5041855 /	LA /	4907	P1
Job	Dept.	Sub	Unique No.



Hardworks Key

Parking Bays
Marshalls Keyblock
Colour; Brindle, bays delineated by Buff
or similar approved
See Drawing 5041855/LA/4904 Detail 1

Raised Table Crossing
Marshalls Keyblock
Colour; Brindle
Or similar approved
See Drawing 5041855/LA/4904 Detail 2

Access Routes, Aisles and Bays
Black Asphalt, Car Parking Bays delineated by thermoplastic white lining
See Drawing 5041855/LA/4904 Detail 3

Main Access Road
Black Asphalt
See Drawing 5041855/LA/4904 Detail 9

Main Access Road ; High Stress Areas
Black Asphalt
See Drawing 5041855/LA/4904 Detail 10

Pedestrian Areas

Marshalls Tegula Claypave
Colour; Ashbourne Red Multi
Or similar approved
See Drawing 5041855/LA/4904 Detail 4

Marshalls Saxon
Colour; Buff with integrated contrasting pavers in Charcoal, Brindle and Plum/Brown
Or similar approved
See Drawing 5041855/LA/4904 Detail 5

Marshalls Toscana
Colour; Harvest with Integrated contrasting Tegula pavers in Ashbourne Red Multi
Or similar approved
See Drawing 5041855/LA/4904 Detail 6

Resin Bound Gravel
Colour; 6mm Tuscan Beach for footpaths, various colours for playground areas, TBC
Sureset or similar approved
See Drawing 5041855/LA/4904 Detail 7

ATP *
Synthetic Sports Surface
Sand filled
Colour; Green

MUGA *
Cushioned Acrylic Sports Surface
Colour; Red

Infants / Nursey Enclosure *
Rubberised Safety Play Surface
with integrated Multicoloured patterns and games

Hardplay / Breakout Space *
Dark Red Asphalt

Building Apron
Riverstone paving
See Drawing 5041855/LA/4904 Detail 8

Emergency Vehicle Access *
Netlon Advanced Turf
Mesh reinforced turf system

200mm Thick Concrete Slab Grade C40.
With infill mesh (Allow ; 25kg/m²)

* Denotes ; Refer to Manufacturers Details

DO NOT SCALE

ATKINS

NOTES:

1. This is not an Installation, Coordination or Record drawing.
2. Drawing to be read in conjunction with all other documentation including drawings and specifications.
3. The Works Plan is not a comprehensive set of construction information. The information on this drawing should not be regarded as final and may be subject to further development and change during Detailed Design.
4. The Contractor shall allow appropriate contingencies within the financial proposal to ensure the contract price will be adequate to cover the cost of any future design development in accordance with the ITN requirements.

Rev.	Description	By	Date	Chk'd	Auth
P7	Temporary Access Road Extended to front of site and footpath extended to meet this junction.	AL	14/02/08	NR	NR
P6	Public footpath to front of school amended to block paviours.	AL	22/02/07	NR	NR
P5	Public footpath to front of school amended to black asphalt. Paving notes removed from areas to be adopted	AL	14/02/07	NR	NR
P4	Visitor car park bays amended to black asphalt. Block paved pedestrian visitor access route added to school car park. Access route from underpass amended to black asphalt as per adoption requirement. Rubberised play surface added to infants play area. General amendments as per revised site layout.	AL	02/02/07	NR	NR
P3	MUGA shifted 1m to the south, hardworks layout amended accordingly.	AL	14/11/06	NR	NR

Rev.	Purpose of Issue	Date	Authorised
P7	Works Plan 3	14/02/08	NR
P6	Works Plan 2	22/02/07	NR
P5	Works Plan 2	14/02/07	NR
P4	Works Plan 2	02/02/07	NR
P3	Works Plan	14/11/06	NR
P2	Works Plan	30/03/06	NR
P1	Discharge Planning Conditions	07/02/06	NR
0	Preliminary Review and Comment	18/01/06	DRAFT

VINCI

NORWEST HOLST

WS Atkins Consultants Limited ©
Design, Environment & Engineering
160 Aztec West, Almondsbury, Bristol. BS32 4TU.
Tel. 01454 201400 / Fax. 01454 201568

Project
Glebelands Development
St Julians
Newport

Title
Durham Road School
Works Plan
General Hardworks Plan

Original Scale	Drawn	Checked	Authorised
1:500	AHL	NR	NR
	Date 10/01/06	Date 07/02/06	Date 07/02/06

A1

Drawing Number
5041855 / LA / 4903

Rev P7

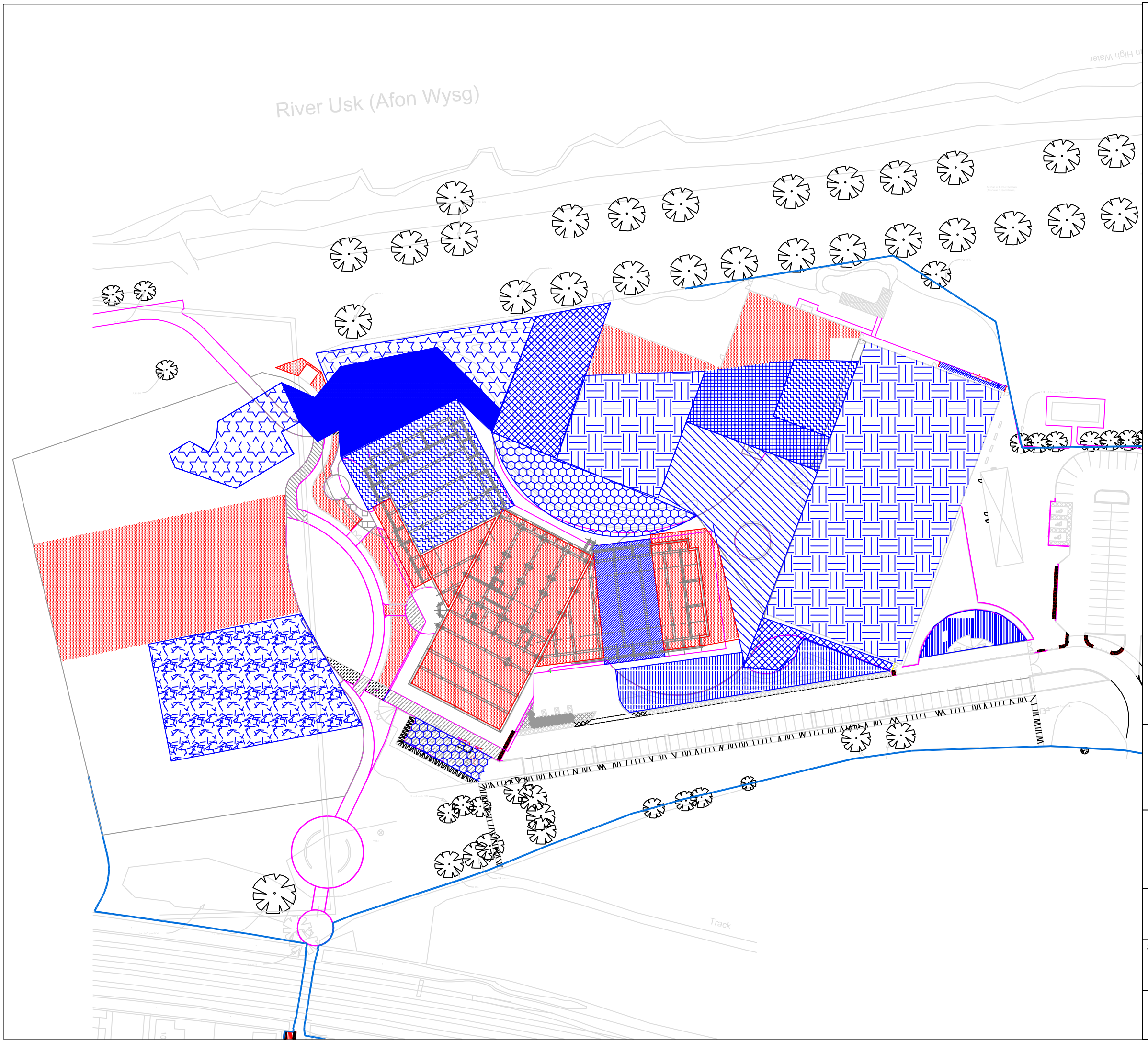
Job | Dept. | Sub | Unique No.

R.H.Box for client signatures when required

Complete to show purpose of each issue

Main section
Sub section
Detail
Initial issue signatures
Drg. No. & Latest Revision

502 3525 V1 4900 0



CUT

FILL

No CUT/FILL required

FILL generated by a temporary borrow pit highlited in Drawing 189573/SK/065

NOTE

All FILL areas correspond to a CUT area with identical hatching in drawing 189573/SK/064.

NORWEST HOLST LTD.
Astral House
Imperial Way
Watford WD24 4WW
Tel: 01923-233433
Fax: 01923-800085

Site FILL summary

Glebelands PFI Newport

Scale @ size	Date	Drawn	Revision
1:1000 @ A3	17.02.09	DW	A

Drawing No.
189573/SK/065

River Usk (Afon Wysg)

Temporary borrow pit

Drainage excavation around perimeter of school

Track

KEY

CUT

FILL

No CUT/FILL required

NOTE

All CUT areas correspond to a FILL area with identical hatching in drawing 189573/SK/065.

NORWEST HOLST LTD.
Astral House
Imperial Way
Watford WD24 4WW
Tel: 01923-233433
Fax: 01923-800085

Site CUT summary

Glebelands PFI Newport

Scale @ size	Date	Drawn	Revision
1:1000 @ A3	17.02.09	DW	A

Drawing No.

189573/SK/064

SCHOOL

TP692 TP672 TP712A 406 WG.18 BH515 BH503 BH703 TP693 TP673 TP693A P713 TP912 TP653 TP633 TP613 BH.6 BH504 BH525 TP634B TP634A EXISTING SEWER BH526 TP.15 TP.13 BH516 P714 BH407 TP654 TP634 TP694 TP674 TP614 TP902 BH.5 TP911 TP901 TP914 TP903 TP695 TP635A TP615 TP675 TP655 TP.17 TP909 TP904 TP905 BH527 TP.18 TP656A TP908 TP910 TP636 TP636B TP616 TP696 TP676 TP915 TP907 TP906 TP656B TP636A TP.16 TP913 TP636C TP636D TP617 BH517 TP656C TP.21 TP637 CH TP697 TP657 TP677 TP.20 GL DT DT GL DT DT FAL TP.22 TP601

NOTE

Trial pits TP901, TP904, TP907 and TP909 deleted, as agreed on site.

KEY

Excavation outlines

Area for geophysical validation survey

NORWEST HOLST LTD.
Astral House
Imperial Way
Watford WD24 4WW
Tel: 01923-233433
Fax: 01923-800085

Title:

PCB Excavation outlines

Project

Glebelands PFI Newport

Scale @ size	Date	Drawn	Revision
1:500 @ A3	11.02.09	DW	0

Drawing No.

189573/SK/062

Builders' Detail
100 Stone
75 below FGL

West Bunded Area
150 Stone
450 below FGL

Native Planting Area
300 Stone
300 below FGL

Water Level
9.310

550 Area
550 Stone
50 below FGL

MUGA
200 Stone
250 below FGL

Topsoil Pitch & Surround
450 Stone
150 below FGL

Shape of
bunds TBC

South Topsoil 450
150 Stone
450 below FGL

South Topsoil 150
450 Stone
150 below FGL

South Path
150 Stone
105 below FGL

Marshalls Saxon
150 Stone
90 below FGL

ATP
200 Stone
250 below FGL

Gravel
180 Stone
75 below FGL

'Rugby Ball'
450 Stone
150 below FGL

Access Routes
150 Stone
90 below FGL

Piling Mat
300 Stone
PPL 9.765

Marshalls Toscan
200 Stone
105 below FGL

NE Triangle
150 Stone
450 below
FGL

Marshalls Tegula
150 Stone
105 below
FGL

Area 2
450 Stone
150 below FGL
Level TBC

Shape of
bunds TBC

Piling Mat
300 Stone
PPL 8.750

Marshalls Saxon
150 Stone
90 below FGL

East Bunded Area
150 Stone
450 below FGL

Access Road
300 Stone
200 below FGL

Parking Bays
150 Stone
130 below FGL

Builders' Detail
100 Stone
75 below FGL

SE Triangle 1
150 Stone
450 below FGL

SE Triangle 2
450 Stone
150 below FGL

1:25 max

1:30 max

Track

NORWEST HOLST

NORWEST HOLST LTD.
Astral House
Imperial Way
Watford WD24 4WW
Tel: 01923-233433 Fax: 01923-800085

Title
Proposed stone levels at handover

Project
Glebelands PFI Newport

Scale @ size	Date	Drawn	
1:250 @ A0	22.08.08	MP	

Drawing No.
189573/SK/031

Revision
0

Appendix R Prestige Air-Technology Ltd Completion Certificate

NORWEST HOLST

9th January 2009

356378/JEC/4.3

G Aston Esq
Ridge & Partners LLP
Eden Office Park
65 Macrae Road
Ham Green
Bristol
BS20 0DD

Dear Greg

YSGOL GLAN USK SCHOOL - GAS MANAGEMENT SYSTEM

Please find enclosed a copy of Prestige Air Technology Limited's Completion Certificate dated 8th January 2009.

Yours sincerely

John E. Charles

John Charles
Project Manager

Encl

Cc + encl

Currie & Brown - G Newton, Esq

NORWEST HOLST LIMITED
Project Office, Bank Street, Newport NP19 7HF
Tel: 01633 235920 - Fax: 01633 264764
www.norwest-holst.co.uk
Registered in England No.2295904
Registered Office: Astral House, Imperial Way, Watford, Hertfordshire WD24 4WW

VINCI PLC

NAPM RECYCLED 100% APPROVED

PRESTIGE
AIR-TECHNOLOGY LTD
Prestige House, Landews Meadow
Green Lane, Challock
ASHFORD
Kent TN25 4BL

Tel. 01233 740844 Fax. 01233 740834
e-mail: glynis@prestigeair.com

RECEIVED
09 JAN 2009

Date: 8th January 2009.

Ref: 2258/RS/gc

Norwest Holst Limited
Project Office
Bank Street
Newport
NP19 7HF

For the attention of John Charles

Dear Mr. Charles

Ref: Ysgol Glan Usk School, Newport – Gas Management System

Further to your letter dated 23rd December 2008 .Please find enclosed Completion Certificate for the detailed work at the above site.

Yours sincerely

G. Cooper.

Glynis Cooper

PRESTIGE AIR-TECHNOLOGY LTD

COMPLETION CERTIFICATE

Job Name , Glan Usk Primary School Job No : 2258

Building reference Glan Usk Primary School

Description of work element

Installation of Air Inlet Manifold and Sub Floor Probe System as per our Method Statement dated 16th October 2008.....

This is to certify that the works described above have been completed in accordance with our specification of works and method statement and that any variations have been agreed and recorded.

Signed

Name Richard Stevens

Date of issue . 8th January 2009.

Prestige Air-Technology Limited, Prestige House, Landews Meadow, Green Lane, Challock, Ashford, Kent TN25 4BL

Tel: 01233 740844 Fax: 01233 740834

NORWEST HOLST

17th February 2009

356378/18.1.7

A Williams Esq
Environmental Health Officer
Newport City Council
Civic Centre
Newport
NP20 4UR

Dear Andrew

YSGOL GLAN USK SCHOOL - GAS MEMBRANE TEST

Please find enclosed the following documentation in respect of the Pressure Test carried out on the gas membrane by Prestige Air-Technology Limited on 29th January 2009;

- Letter dated 16th February 2009 setting out methodology of test and commenting on results
- Test Results
- Method Statement

Kindly let me know if you require any further information.

Yours sincerely

John Charles
Project Manager

Encl

Cc + encl

White Young Green - C Pugh, Esq
VCUK CE - R Hogg, Esq

NORWEST HOLST LIMITED
Project Office, Bank Street, Newport NP19 7HF
Tel: 01633 235920 - Fax: 01633 264764
www.norwest-holst.co.uk

Registered in England No.2295904
Registered Office: Astral House, Imperial Way, Watford, Hertfordshire WD24 4WW

VINCI PLC

NAPM RECYCLED 100% APPROVED

PRESTIGE
AIR-TECHNOLOGY LTD
Prestige House, Landews Meadow
Green Lane, Challock
ASHFORD
Kent TN25 4BL

Tel. 01233 740844 Fax. 01233 740834
e-mail: gail@prestigeair.com

Date 16th February 2009

Our Ref: 58/RS/gcs

Norwest Holst Ltd
Norwest House
C1 Vantage Park
Old Gloucester Road
Hambrook
Bristol
BS16 1GW

For the attention of John Charles – Project Manager

Dear Mr Charles

Re: Pressure Test 29.1.09. – Glan Usk School, Newport.

The pressure test was conducted by temporarily fixing a portable fan at the air input point for each of the 2 manifold systems and recording the pressures and gas levels at each of the sub-floor probes. To be within specification the probe pressures should be super ambient and the soil gas levels should be below 1%v/v for methane and below 1.5%v/v for carbon dioxide. The results obtained showed that the system was operating within specification. I hope this answers your queries.

Kind regards

Richard Stevens
Company Secretary

PRESSURE TEST RECORD

Job No.....2258..... **Job Title** Glan Usk School, Newport

Weather .... Cold **Gas Detector No.** ...GA 45.

Date.....29.1.09. **ATM** 1007mb

	Initial Gas Readings			Fan on 5	Fan on 10	Final Gas Readings		
Probe No.	**CH4**	**CO2**	**O2**	**Pressure PA**	**Pressure PA**	**CH4**	**CO2**	**O2**
1	0.0%	0.2%	20.0%		23.3			
2	0.0%	0.2%	19.7%		133.0			
3	0.0%	0.2%	19.0%		28.4			
4	0.0%	0.2%	18.7%		4.2			
5	0.0%	0.2%	20.0%		2.2			
6	0.0%	0.2%	19.0%		2.9			
7	0.0%	0.2%	20.0%		1.9			

Gas Test Carried out by.....**Lee Barnes**.....

PRESTIGE AIR TECHNOLOGY LTD

LOW ENERGY CLEAN AIR BLANKET

METHOD STATEMENT

AT

GLAN USK SCHOOL
BANK STREET
GLEBELANDS
NEWPORT
NP19 7HF

FOR

NORWEST HOLST LTD
NORWEST HOLST LTD
C1 VANTAGE PARK
OLD GLOUCESTER ROAD
HAMBROOK
BRISTOL
BS16 1GW

REF: 2258 DATE: 16TH OCTOBER 2008

PRESSURE TEST RECORD

Job No.....2258..... **Job Title** Glan Usk School, Newport

Weather .... Cold **Gas Detector No.** ...GA 45.

Date.....29.1.09. **ATM** 1007mb

	Initial Gas Readings			Fan on 5	Fan on 10	Final Gas Readings		
Probe No.	**CH4**	**CO2**	**O2**	**Pressure PA**	**Pressure PA**	**CH4**	**CO2**	**O2**
1	0.0%	0.2%	20.0%		23.3			
2	0.0%	0.2%	19.7%		133.0			
3	0.0%	0.2%	19.0%		28.4			
4	0.0%	0.2%	18.7%		4.2			
5	0.0%	0.2%	20.0%		2.2			
6	0.0%	0.2%	19.0%		2.9			
7	0.0%	0.2%	20.0%		1.9			

Gas Test Carried out by.....**Lee Barnes**.....

LOW ENERGY CLEAN AIR BLANKET

SYSTEM METHOD STATEMENT

STAGE 1

Air Inlet Manifold and Sub Floor Probe System

Materials

1. The air inlet manifold is to be formed from 110mm proprietary plastic pipework and fittings. The pipework is to be pre-drilled with 10mm drainage holes at 2m centres.

2. The manifold is to terminate in 6 No. plastic diffusers see Drawing No. 5719AA(57)021 : 1000mm x 130mm wide x 140mm deep.

3. The probe sampler system is to be formed from 8mm nylon tube.

4. The probe sampler system terminates in a maximum of 8No. Prestige Air probe heads see Drawing No.5719AA(57)002 P.2 : 150mm dia x 200mm deep.

5. Each probe head is sampled from the P.P.U. cabinet via its own dedicated 8mm nylon tube.

Installation

1. The air input manifold is installed within shallow trenches formed by the Main Contractor within the oversite in accordance with Prestige Air's Drawings Nos. 5719AA(57)008 P.2. It should be noted that with a power floated slab the trenches need to be a minimum 450mm depth. The layout for the manifold, which may be subject to alteration on installation to accommodate local conditions, is as detailed in Prestige Air's Drawing No. 7308 AL (57) 001 P6 The trenches are to be back filled by the Main Contractor with the graded "as dug" material. The finished surface should be level with the adjacent oversite and reasonably flat and free from sharp protrusions. Where the need is specified by the main contractors' engineers, the pipework is to be strapped and hung from the slab re-enforcement. The straps are typically 25mm galvanised steel straps at 6m centres. The tails of the straps are to be tied to the slab re-enforcement by the main contractor.

2. Where passings through concrete beams are required to accommodate the manifold these should be a minimum 150mm. Passings to be formed by Main Contractor. If passings through beams are prohibited, then pipework may be taken down and underneath beams as a non standard detail.

3. The diffusers are located with the top surface level with the finished oversite ready to receive the void former. In the case of a power floated slab the diffusers are installed immediately prior to the slab pour to avoid damage from vehicular traffic. With a traditional flood poured slab the diffusers will be installed prior to the slab installation and care should be taken to avoid their damage. Each diffuser is overlaid with a section of 20mm void former min size $2m^2$

4. The sub floor probe sampler system is to be installed within the trenches alongside the air input manifold where appropriate and otherwise to be loose laid on the oversite.

5. The Prestige Air probe heads are placed within shallow recesses formed within the oversite in locations noted on Prestige Air's Drawings No. 7308 AL (57) 001 P6

6. Risk Assessments No. 1, 2, 3, 4 to apply.

7. All systems installers where required to attend site induction before commencing work.

Oversite Formation

Materials

1. The oversite to be finished with min 50mm crushed concrete or other granular material to be approved by Prestige Air and to be supplied and laid by the Main Contractor and to provide a surface reasonably flat and free from sharp protrusions.

2. PAG 6 strips are a 6mm void forming venting layer formed from a HDPE single cuspated core and a thermally bonded polypropylene geotextile filter.

Installation

1. 100mm wide strips of PAG 6 to be installed either below or through the perimeter construction at design locations. Installation to be carried out by Main Contractor.

STAGE 2

Positive Pressure Units

Materials

1. 2 No.100mm outlet positive pressure units. Colour as standard unless otherwise specified.

2. 1no. remote status indicator panel per P.P.U.

Installation

1. The positive pressurisation units are to be located externally to the building, exact location to be agreed with the Client.

2. The positive pressurisation units are wall mounted and communicate directly with the air input manifold via a continuation of the manifold pipework. The dimensions and fixing details are as detailed on Prestige Air Drawing No. 5719AA(57) 012 P.3.

3. Each positive pressurisation unit requires a 13amp 240v fused spur outlet to be provided by the Main Contractor and connected to the electrical supply by the Main Contractor.

4. Each positive pressurisation unit requires a 3 pair low voltage signal cable linking it to the remote status indicator panel. The cable and any associated ducting are to be provided by the Main Contractor.

5. The positive pressure units are commissioned in accordance with Prestige Air's installation procedure.

6. Risk Assessment No. 1, 2, 3, 4 and COSHH assessment for use of Sulphur Hexaflouride to apply.

7. All systems installers where required to attend site induction before commencing work.

PRESTIGE AIR-TECHNOLOGY

RISK ASSESSMENT SHEET

ON SITE CLEAN AIR BLANKET SYSTEM INSTALLATION ASSESSMENT No.1	**DATE:** September 2008
LOCATION On site	
OPERATION/PROCESS: **Manipulation of 100mm/150mm plastic pipework and associated fittings**	
EQUIPMENT USED N/A	
SUBSTANCES USED N/A	**COSHH ASSESSMENT** N/A
HAZARDS IDENTIFIED: Manipulation of pipes and fittings and attempting to lift excessive weights	NOISE ASSESSMENT: Not done
SECONDARY HAZARDS None	
EXPOSED PERSONS Personnel involved	**EXPOSURE TO OTHER PERSONNEL** None
FREQUENCY OF EXPOSURE: **Every** day	**DURATION OF EXPOSURE** 8 hours per day
CONTROLS MEASURES P.P.E. Ensure – 1) Personnel are fully trained 4)fluorescent jackets/waistcoats. 5) weight per single person (20kg) 7)All with teams of 2no. personnel.	2)Safety footwear. 3)Hard hats Gloves at discretion 6)Limited Pipework installation to be carried out
MONITORING RESULTS: No accidents recorded	
RISK ASSESSMENT Low	
ASSESSOR: Richard Stevens	POSITION: Health & Safety Officer

PRESTIGE AIR-TECHNOLOGY

RISK ASSESSMENT SHEET

ON SITE CLEAN AIR BLANKET SYSTEM INSTALLATION ASSESSMENT No.2	**DATE:** September 2008
LOCATION On site	
OPERATION/PROCESS: Plastic pipe cutting	
EQUIPMENT USED Hand saw, hand file	
SUBSTANCES USED N/A	**COSHH ASSESSMENT** N/A
HAZARDS IDENTIFIED: Minor cuts and abrasions	NOISE ASSESSMENT: Not done
SECONDARY HAZARDS None	
EXPOSED PERSONS Personnel involved	
FREQUENCY OF EXPOSURE: Every day	**DURATION OF EXPOSURE** 8 hours per day
CONTROLS MEASURES P.P.E	
Ensure - 1) Personnel are fully trained	2) Safety footwear
3) Hard hats	4) Florescent jackets/waistcoats
5) Gloves at all times	
MONITORING RESULTS: No accidents recorded	
RISK ASSESSMENT Low	
ASSESSOR: Richard Stevens	POSITION: Health & Safety Officer

PRESTIGE AIR-TECHNOLOGY

RISK ASSESSMENT SHEET

ON SITE CLEAN AIR BLANKET SYSTEM INSTALLATION ASSESSMENT No.3	**DATE:** September 2008
LOCATION On site	
OPERATION/PROCESS: Production of electric power	
EQUIPMENT USED Generator	
SUBSTANCES USED Petrol	**COSHH ASSESSMENT** Not done
HAZARDS IDENTIFIED: Petrol spillage whilst refilling	NOISE ASSESSMENT: Not done
SECONDARY HAZARDS Heat from engine body	
EXPOSED PERSONS Operator and assistant	**EXOSURE TO OTHER PERSONNEL** To be excluded from 1 m radius
FREQUENCY OF EXPOSURE: Every day	**DURATION OF EXPOSURE** 8 hours per day
CONTROLS MEASURES P.P.E. Ensure – 1) Equipment is well maintained to lift equipment. 3) Necessary fuelling. 4) Gloves at all times earth.	2)A minimum of two people are available containers/funnels are available for re- 5) Equipment to have separate
MONITORING RESULTS: No accidents recorded	
RISK ASSESSMENT Low	
ASSESSOR: Richard Stevens	POSITION: Health & Safety Officer

PRESTIGE AIR-TECHNOLOGY

RISK ASSESSMENT SHEET

ON SITE CLEAN AIR BLANKET SYSTEM INSTALLATION ASSESSMENT No.4	**DATE:** September 2008
LOCATION On site	
OPERATION/PROCESS: Use of electric power tools.	
EQUIPMENT USED 200mm angle grinder and drill	
SUBSTANCES USED N/A	**COSHH ASSESSMENT** Not done
HAZARDS IDENTIFIED: Cuts and abrasions	NOISE ASSESSMENT: Not done
SECONDARY HAZARDS None	
EXPOSED PERSONS Personnel involved	
FREQUENCY OF EXPOSURE: Every day	**DURATION OF EXPOSURE** 8 hours per day
CONTROLS MEASURES P.P.E. Ensure – 1) Personnel are fully trained 3) Gloves at all times 4) Safety Goggles	2) Equipment is fully maintained. 5) Safety shoes
MONITORING RESULTS: No accidents recorded	
RISK ASSESSMENT Low	
ASSESSOR: Richard Stevens	POSITION: Health & Safety Officer

COSHH ASSESSMENT

MATERIAL: Sulphur Hexafluoride

HAZARDS IDENTIFICATION

- Liquified gas
- In high concentrations may cause asphyxiation

FIRST AID MEASURES

Contact with Skin/Eyes

- Immediately flush eyes thoroughly with water for at least 15 minutes
- In case of frostbite spray with water for a least 15 minutes. Apply a sterile dressing
- Obtain medical assistance

Ingestion

- Ingestion is not considered a potential route of exposure

Inhalation

- In high concentration may cause asphyxiation. Symptoms may include loss of mobility/consciousness. Victim may not be aware of asphyxiation.
- Remove victim to uncontaminated area. Keep victim warm and rested.
- Call a doctor. Apply artificial respiration if breathing stopped.

FIRE-FIGHTING MEASURES

- Exposure to fire may cause containers to rupture/explode
- Non-flammable
- If involved in a fire the following toxic and/or corrosive fumes may be produced by thermal decomposition:

Hydrogen fluoride
Sulphur dioxide

- All known extinguishants can be used
- If possible stop flow of product
- Move container away or cool with water from a protected position
- Use self-contained breathing apparatus and chemically protective clothing

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MATERIAL: Sulphur Hexafluoride - continued

ACCIDENTAL RELEASE MEASURES

- Evacuate area
- Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe
- Ensure adequate air ventilation
- Try to stop release
- Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous
- Ventilate area

HANDLING AND STORAGE

- Suck back of water into the container must be prevented
- Do not allow backfeed into the container
- Use only properly specified equipment which is suitable for this product, its supply pressure and temperature. Contact your gas supplier if in doubt
- Refer to supplier's container handling instructions
- Keep container below 50° C in a well ventilated place

EXPOSURE CONTROLS/PERSONAL PROTECTION

- Exposure limit value for country : Gt Britain: LTEL 1000ppm STEL: 1250ppm
- Ensure adequate ventilation
- Do not smoke while handling product