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CONSULTING ENGINEERS

Project: BP ROLLS, NASHMEAD, QUEENSWAY MEADOWS, NEWPORT

Project Number: 1228223

Project Description: CONSTRUCTION ENVIRONMENTAL PLAN

CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN

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Project Name: BP Rolls, Nashmead Fire Damage

Site Address: Unit 3, Nash Mead, Queensway Meadows Industrial Estate
Newport, Gwent, NP19 4SU

Client: Morspan

Compiled By: Steve Morgan

Contracts Manager: Tom Arthur

Revision	Date	Description
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1.0 INTRODUCTION

1.1 Description of Project

BP Rolls occupies Unit 3 at Nashmead, Queensway Industrial Estate to service, repair and MOT commercial vehicles. A fire caused extensive damage to the property in 2023 with the steel frame having to be demolished and rebuilt. The project involves the demolition of the fire damaged steel frame and associated cladding and the reconstruction of the building. The building size, location and layout remain as the original building.

The slab to the building was not affected by the fire and has been retained with only superficial repair. The slab comprises a flat slab on piles.

1.2 Site Location

Unit 3, Nash Mead, Queensway Meadows, Newport.

1.3 Project Organisation and Responsibilities

Demolition will be undertaken by GD Environmental. Project Manager - Oliver Hazell. The new steel frame and cladding will be installed by Morspan. Project Manager - Tom Arthur. Structural repairs to the original slab will be undertaken by Carver and Beese. Site Responsibilities - Lee Carver. Environmental responsibilities will be shared between GD Environmental during the demolition stage and Tom Arthur during the construction stage.

Project Managers will be on site intermittently during their relevant disciplines to advise and ensure that all potential risks are mitigated against throughout the operations. It is not envisaged that any environmental permits are required for the treatment of contaminated land as the site will not be affected by the proposed works.

G D Environmental will collate all waste movements to and from the site during the project to input into the final Health and safety files.

1.4 CEMP Review and updating

The CEMP is designed to be dynamic in nature throughout the course of the project. It will be updated at regular intervals as the project progresses and as and when different milestones are reached, such as the completion of different phases.

2.0 Scope and Benefits of CEMP and Regulations

2.1 Purpose of CEMP

The CEMP is written to provide all relevant parties to the site information of all potential environmental concerns and issues that could result from the activities being carried out, and the measures to be put in place to mitigate against any negative consequences. The CEMP allows all parties to provide their input into the site and to discuss any other relevant environmental concerns.

2.2 Regulatory framework

This CEMP has been compiled with consideration given to the following environmental legislations.

Environmental Factor	Status/Legal Protections
Wildlife Sites, e.g., SSSI's	The Wildlife and Countryside Act 1981 (Amendment) (Wales) 2004
	Natural Environment and Rural Communities Act 2006 (Commencement) (Wales) Order 2006
	Countryside Rights of Way (CROW) Act (2000)
European Protected Species: e.g., Bats & Dormice	Conservation (Natural Habitats, &c.) Regulations 1994
	The Conservation of Habitats and Species Regulations 2017
Other Protected Species: e.g., Nesting Birds, Reptiles, Badgers	The Wildlife and Countryside Act 1981 (Amendment) (Wales) Regulations 2004
	Protection of Badgers Act 1992
Invasive Plant Species	Wildlife and Countryside Act 1981 (Schedule 9) <i>(It is an offence to cause the spread of Japanese Knotweed or Giant Hogweed)</i>
Fuel Storage and Handling	Oil Storage Regulations 2002 <i>(Applicable to storage of fuels outside in containers with a capacity greater than 200 litres.)</i>
Waste	Environmental Protection Act 1990
	Hazardous Waste (England and Wales) Regulations 2005
	The Waste (England and Wales) Regulations 2011 (as amended)
	Waste Management, The Duty of Care Code of Practice (2016 update)
Water	Water Resources Act 1991 <i>(It is an offence to pollute any controlled waters)</i>
Environmental Incidents	Water Resources Act 1991
	Environmental Protection Act 1990

3.0 Communications

3.1 Meetings

Monthly progress meetings will take place on site between all parties. Environmental concerns will be on the agenda for each of these meetings. Records of these meetings will be recorded.

3.2 Sub-contractors and supply chain

As Principal Contractor, Morspan will be responsible for the site sub-contractors and supply chain and ensure the highest standard of environmental safety is upheld across the project.

3.3 Training

Toolbox talks shall be provided to all operatives on site on a basis as required by the training provider and daily briefings will be given to the site team by the site supervisor. Only suitably trained and qualified operatives shall operate the plant and machinery. Environmental awareness and methods of works will be a regular topic to ensure it is always fresh in the operative's minds.

3.4 Environmental Records

Records will be kept in the site file of any environmental incidents on site. All monitoring records and sample results will be kept throughout the project and records of material movements around the site and imported materials and exported wastes will be kept throughout the project. It should be noted that no groundworks or earthworks are anticipated as part of this contract.

4.0 Site Requirements

4.1 Site Operations

The site operations are limited to the following-

- 1 Removal of the debris following the fire.
- 2 Preparation of concrete slab with localised repairs.
- 3 Installation of new steel frame.
- 4 Installation of cladding.
- 5 Internal fit out.

4.2 Pollution Control and Contingency Plan

Each phase will employ pollution controls to mitigate any impact onsite or to the surrounding environment.

Controls that will be in place for the duration of the project, will include.

A Road sweeping as necessary

All pollution control systems will be checked routinely for integrity and effectiveness.

No herbicides shall be used on the site.

Diesel for site plant shall be stored in off site at the facility of the main contractor/sub-contractors.

An enclosed skip will be situated in the site compound area for the disposal of any rags and grease cartridges.

All plant contains drip and spillage trays to control any fuel spills and will be stored near to the site compound area when not in use.

Should any pollution occur, the works will be halted immediately and the Project Manager will be informed, an action plan will then be put in place to control the pollution event the spillage will be cleaned up immediately using the site spill kits.

The site access road at the entrance to the car park will be cleaned using a road sweeper as necessary to prevent any debris being taken out onto the surrounding roads during periods of vehicle movement. It should be noted that no earthworks or groundworks are planned for the site.

5.0 Effects

5.1 Landscape Effects

Existing Environment

The proposal will have no effect on the landscape as the proposal replicates the original building.

Changes to Existing Environment

There is no change to the existing environment

Potential Construction Impacts

The construction sequence will temporarily alter the site with the storage of structural steelwork for the construction together with the associated lifting plant.

5.2 Ecological Effects

Existing Environment.

The existing site has existing landscaping and trees to the perimeter which will be unaffected as a result of the development. There is no known Japanese Knotweed on the site.

Potential Effects.

The construction operations will not alter the existing landscape in the short-term.

Management and Mitigation

A preventative approach outlined in section 4.2. will be utilised to prevent and mitigate against a pollution event.

5.3 Water Quality Effects.

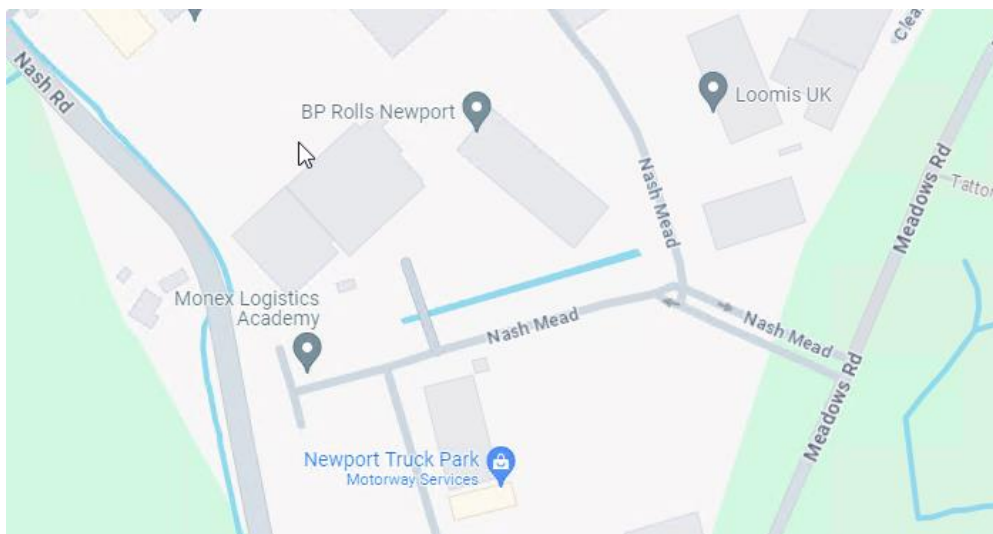


Figure 1
Reens in the proximity of the site.

Existing Environment.

There are several reens to the perimeter of the site, both to the south and the western boundaries. (See Figure 1.)

Potentials Effects.

The operations on site do not provide a risk of contamination to the watercourses. All fire damaged cladding will be removed from site by a specialist contractor. There is no risk of silt arising from the site operations and no contaminated materials to be used in the construction.

Management and Mitigation.

Based on the above, there is no requirement for further management or mitigation.

5.4 Waste Management (duty of care)

No landfill waste will be encountered on site will be processed as a result of the construction works. The fire damaged cladding will be taken from site by a specialist licenced contractor and treated as necessary.

5.5 Nuisance (inc. noise and dust)

Existing Environment.

The existing environment is within an established area of commercial properties.

Potential Effects.

The site activities have the potential to produce noise during normal working hours. The generation of dust will be minimal during the preparation of the concrete slab and for a very limited period.

Management and mitigation.

Working hours shall be limited to 08:00 to 17:00 Monday to Friday and 09:00 to 13:00 on Saturdays. No works shall be permitted on Sundays or bank holidays.

Dust will be monitored during the slab preparation. In the instance where dust may become an issue, such as during periods of dry weather, the company will utilise tractor and bowzers to dampen down materials. Materials will not be dampened to the point where materials are saturated so as to prevent silt production.

All plant and machinery used shall be well maintained and thoroughly checked before being used on site to ensure noise is kept within the operating standards. Dust shall be controlled on site by a towable water bowser, which will be used to dampen down haul roads or a portable dust boss suppression system where works are carried out adjacent to residential properties.

6.0 CEMP Contact Directory

Role	Organisation	Name	E-mail Address	Number
Contracts Manager	Morspan	Tom Arthur	tom@morspan.co.uk	07526 674298

7.0 External Emergency Contact Directory

Emergency Services	Police, Fire, Ambulance	999
Health and Safety Executive (HSE)	For major injuries or fatality	0345 300 9923 (Office) 0151 922 9235 (Out of Hours)
Natural Resources Wales	Environmental Incident Hotline 24/7	0300 065 3000
Biffa	Emergency Spill Response 24/7	08455 216 666