

CD 37: Method Statement to Protect the Adjacent Watercourses from Accidental Spillages, Dust and Debris

**PQ Ventures LLP
Barons Court
Manchester Road
Wilmslow
Cheshire
SK9 1BQ**

**Construction of Four Industrial Units and Associated
Drainage, Hard and Soft Landscaping at Ashbrook
Point, Longstone Road, Heald Green, M22 5LB**

1. Introduction

This method statement covers the pollution prevention protocols to be employed during the developed comprising of four new industrial units, associated drainage, infrastructure, hard and soft landscaping.

The site sits at the rear of the Ashbrook Office Park off Longstone Road and is bounded by the Premier Inn Hotel to the north, Heald Green Railway Station to the east and houses along Irvin Drive to the west. The offices associated with Ashbrook Office Park lie to the south with residential accommodation beyond. Access to the site is from Longstone Road.

The site falls within Woodhouse Park ward of Manchester City Council, the site is, however, in close proximity to the administrative boundary of Stockport Metropolitan Council. The surrounding area is a mixture of housing, offices and operational uses associated with Manchester International Airport. The watercourse running down the western and northern boundary, are part of the Gatley Brook catchment.

2. Objectives

- Prevent pollution during the construction phase of the development.
- Ensure a safe place of work.
- Establish the criteria for Safe Systems of Work.
- Provide protection of staff and the environment from potential exposure to harmful materials.
- Protect the environment from contamination.
- Enable the construction operation to be completed on time and to the required standards.

All works will be carried out to comply to all statutory health, safety and environmental legislation including: the Health and Safety at Work Act 1974, the Construction Design and Management Regulations 2015, The Construction Health Safety and Welfare Regulations 1996, The Special Waste Regulations 1996 and all Duty of Care legislation.

3. Site establishment and Start Up Procedures

Before commencing works, the Site Manager will ensure that all proposed construction procedures are in accordance with appropriate legislation and the Construction Phase Health & Safety Plan, and that all relevant information is available, ensuring:

- An environmental management plan is in place.
- A detailed site waste management plan is in place.
- A spill response plan is in place.
- Certificates are reviewed assessing the competency of the operatives on the project with training provided where appropriate.
- All drawings are available e.g., Setting Out and Service Drawings.
- Permit to dig system is being adhered to.
- The contents of this Method Statement have been discussed with operatives carrying out the works and a record signature obtained.
- Daily briefings are held, with the focus of engaging the workforce.

4. Construction Phase

- Dust Emissions

Construction activities can result in temporary impacts from dust if unmanaged. Dust emissions arising from the construction are a potential physical impact, giving rise to nuisance, soiling of vegetation and are harmful to human health. Dust observational monitoring will be carried out throughout the duration of the works and will be controlled as listed below:

- a) All hard surfaced roads will be wet swept in dry weather conditions.
- b) A maximum speed limit of 5mph will be observed on the site access road.
- c) The loading of road vehicles shall be in such a manner as to minimise the generation of dust and, when necessary, these wagons will be sheeted.
- d) All site activities (cutting, grinding, and welding) are suppressed with water or shielded as necessary.
- e) Avoid storage of soils, stones or other aggregates close to the adjacent water course – rainwater will cause wash off into these water courses.
- f) Ensure all mixing / batching work is undertaken well away from watercourses and drains (when constructed).
- g) Ensure all loading / unloading of bulk materials and works to stockpiled material ceases during high wind events.

- Protection of Public Highway

No vehicle will leave the site and enter the public highway network until it has been cleaned of any spoil or debris. The banksman at the main entrance will control all access and egress to/ from site. Part of the banksman's role will be the checking of vehicles for spoil or debris prior to leaving site with a wheel cleaning system employed when required.

- Surface-water and Ground-water Pollution Prevention

The main risks to the adjacent watercourse during the proposed construction phase of the development are anticipated to be related to the production of silty water during rainfall events or a chemical spillage adversely discharging into the existing surface water drainage network or through infiltration into the ground.

Based on the site investigation reports, it is anticipated that all excavations will be undertaken within the zones above the natural groundwater level. This will ensure that the potential for groundwater contamination is reduced.

In order to seek to prevent any adverse impact to the surrounding surface water regime, soil stripping will take place in a manner not to expose ground unnecessarily for a sustained period.

In accordance with the Construction Phase Health and safety Plan, it is the intention that all necessary works to construct the hard standing areas and compound surfaces will be undertaken as soon as possible. Control measures in the form of silt traps, buffer strips and sandbags will be implemented to prevent silt entering local drains and watercourses.

- Procedures for Re-fuelling and Storage of Waste

- Refuelling

An area within the site compound will be designated for refuelling on site. All bowzers will be bunded capable of holding 110% of the contents of the tank. A drip will be used for all refuelling with a suitable spill kit and granules positioned at the refuelling area. All operatives subject to refuelling duties will receive a toolbox talk on refuelling and the protocol in the event of a spillage. All operatives assigned to refuelling will receive training in the use of a spill kit. For the refuelling of small items of plant at remote areas of the site a drip tray will be used.

Waste Compound

A hardstanding area will be designated for the waste compound as per the site set up plan. The area will be segregated from the main works by Heras fence with segregated skips for different waste streams.

The on-site procedures regarding the segregation and disposal of waste will be communicated during the site induction. The management and segregation of waste will be managed by the site manager on to prevent the build-up of waste around the site and that waste is being designated to the correct skip. Necessary procedures will be implemented to ensure all waste contractors hold valid waste licenses with copies of waste transfer notes retained by site.

General Pollution Prevention Measures

Daily inspections of all site activities will be performed during the construction phase, part of which will cover the monitoring and review of pollution control measures.

The attendant risk of fuel spills has been mitigated by the contractor employing the following spill response plan. Selected individuals will be trained on this procedure. Diesel and Oil spills are the main potential pollution issue that could occur during the construction programme.

The implementation of the following spill response plan will minimise the impact on any surface water flows and groundwater flows beneath the site.

- a) Inform the site manager of any spills.
- b) If possible, identify the liquid and take any necessary Health and Safety guidance from data sheets.
- c) Put on appropriate personal protective equipment.
- d) Isolate the spill by blocking pathways to drains, surface water and open land (e.g., drain covers, booms, sandbags).
- e) Any spillage that is likely to be hazardous to public health or pose a threat of water pollution must be notified immediately to the Environment Agency.
- f) In the event of a major spill a rapid response spill specialist contractor will be appointed to assist.
- g) Site manager to take responsibility for appropriate clean-up activities.
- h) All events must be recorded in the site diary.
- i) All events must be reported to the company Health and Safety Manager within 24 hours of the incident taking place who will then inform the necessary bodies.

Additional Health & Safety Requirements

All relevant certificates of personnel training will be maintained and made available for inspection.

All certificates and daily/ weekly plant checks will be maintained and made available for inspection.

All COSHH lists will be maintained regularly.

Relevant Risk Assessments will support this Method Statement.

Personnel will be trained in the environmental management plan/ spill response plan.

End of Method Statement