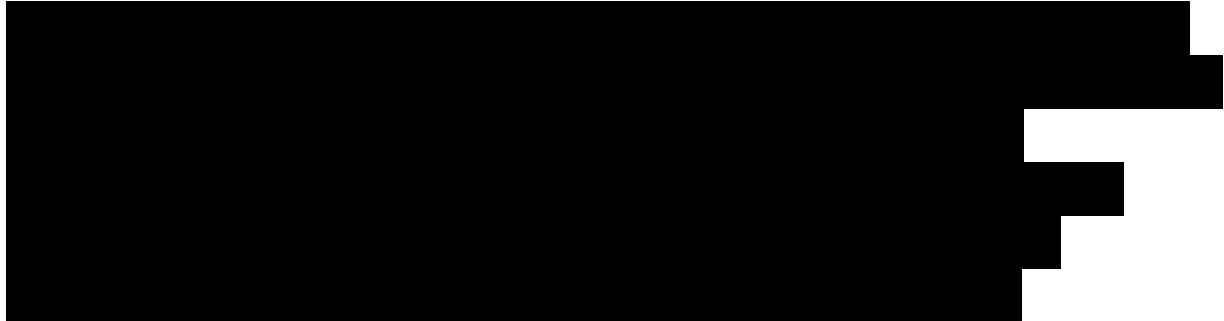


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Section 01





In-line and in accordance with our company policies the project team will complete a Project Sustainability Plan prior to any works starting on-site. This will be reviewed at a maximum of every 3 months throughout the project or when there is a specific change to the project.

The plan will identify environmental risks, define objectives and target methods to manage these risks.

Project Sustainability Plan

- Project details
- Checklist
- Risk Assessment

- Targets
- Emergency Plan
- Training

- Records
- Legal Register
- Communication



[Top of the page](#)

Status: **Not Complete**

Complete the yellow cells

Project Name:	
Project Number:	
Address:	
ISG Project Manager:	

Issue	Date	Description of changes	Updated by	Approved by (HSQE/Sus Team)

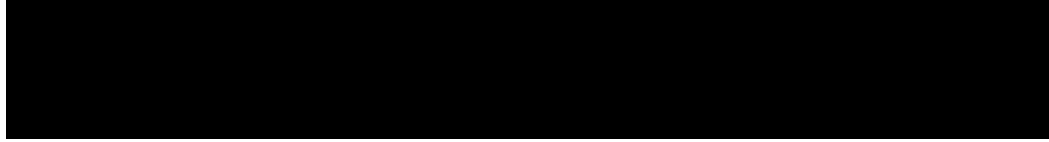
<p>Aims of the plan</p> <ul style="list-style-type: none"> - Assisting with the planning of the environmental management of the site - Identifying environmental risks - Ensuring legal compliance - Defining objectives and targets <p>When to complete and review</p> <ul style="list-style-type: none"> - Complete before starting on site - Review every three months as a minimum, or every time circumstances change (e.g. changes in legislation, changes in scope of work, environmental incidents) <p>Responsibilities</p> <p>The Project Manager is responsible for completing and reviewing this plan and circulating it to the project team and subcontractors as appropriate. The Project Manager is also responsible for making sure the plan is applied.</p> <p>Support</p> <p>The sustainability manager / HSQE advisor of your region/business unit can help if you need; feel free to get in touch for help or advice.</p>
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Page 1

We have identified alongside the planning condition that a management plan of surface water and pollution prevention will be required on-site.

The following information is specific to **Management of Surface Water and Pollution Prevention During Construction**. It is split into sub sections and highlights specific information which is applicable to the site as determined by the scope of the works.

Section 02



[REDACTED]

The project is to construct a new 4 story SLA block at Wattisham Barracks. The site is located within the perimeter fence line of Wattisham Army Base and the new building is to be constructed on the site of an existing redundant SLA block.

As part of the assessment the existing storm water drainage is currently going through a design process to confirm capacity allowances and subsequently a proposal will be issued for consideration. As part of this assessment the current flow rates will be determined and this will inform the exact requirements regarding what the maximum flow rate are that can be used through the construction phase until the new scheme is in place and operational. Alongside this pollution prevention measure will be utilised,

The site compound is located on a field adjacent to the construction site on. The majority of materials will be stored at this location so it will be at this point where material storage measure will be put in place.

There are no know main water ways other than drainage routes in the location of the works. However, it has been identified that there is potential for surface water flooding adjacent to the building or from the site itself as highlighted below:

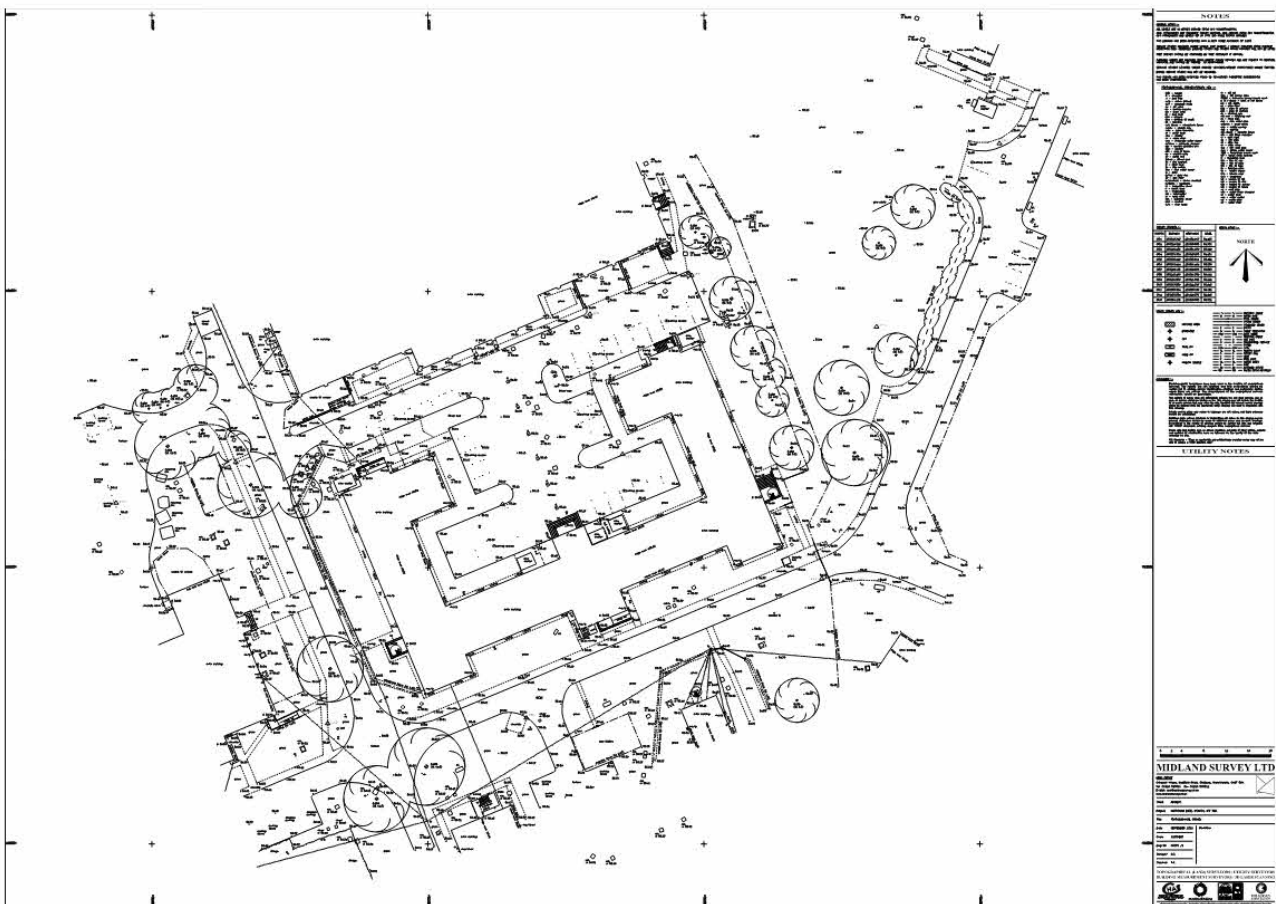


We have identified the following sources of pollution that are relevant to this project:

- Oil above ground.
- Solvents
- Material wash off
- Wheel washing
- Waste skip / bin wash off
- Jet washing
- Surface water carrying site materials

Topographical & Existing Drainage / Utility Survey

A topo and utility survey has been carried out across the existing project site which has identified the location of drain outlets and falls on the current site. This in turn highlights initially where the implementation measures will be put in place.



We are aware that the 'lay of the land' will change as the project progresses so the implementation measure will be relocated to suit the falls and location of the water.

CCTV Drainage Survey

A CCTV drainage surveys has been carried out on the existing drainage system which will be reviewed to identify the following:

- Location of the drains and exit points from site.
- Type of drain (Foul / Storm)
- Direction of flow.
- Any potential issues within the drain runs.

This information will also influence the new drainage design works and associated calculations.



As part of the project's predevelopment stage, and in-line with the Project Sustainability Plan, an Environmental Emergency Plan will be developed. This plan identifies the procedures to be immediately put in place and also local contacts to support in resolving any emergencies.

The project will also implement best practice techniques with regards to the general management of the site activities and materials. An aspect of this is the availability of spill kits across the site.

The project team will be implementing the following to manage and control the prevention of pollution:

Oil above ground

Any fuel, oils or gases will be stored on-site in accordance with a materials COSHH assessment.

Fuels will be stored in bunded vessels with 110% capacity.

Gases will be secured or stored in cages.

A specific spill kit will be available for any site spillages and the site team will implement the environmental emergency procedures in-line with level of the spillage.

Solvents

Solvents will be stored on-site in accordance with a materials COSHH assessment.

A specific spill kit will be available for any site spillages and the site team will implement the environmental emergency procedures in-line with level of the spillage.

Material wash off

Where possible materials will be store in site containers to prevent damage from site activities or weather.

If this is not possible, any materials that may be susceptible to degrade due to weather will be covered on-site.

All materials will be stored in specific material storage areas.

Wheel washing

Where wheel washing will be carried out any residue resulting from the activity will be captured in line with the surface water protection measures below.

A road sweeper will pick up any mud from the sites construction activities on roads leaving the site.

Waste skip / bin wash off

A specific spill kit will be available for any site spillages and the site team will implement the environmental emergency procedures in-line with level of the spillage.

Jet washing

Where jet washing will be carried out any residue resulting from the activity will be captured in line with the surface water protection measures below.

Surface water carrying site materials

Any specific and localised contamination will be dealt with through the project's environmental emergency procedures.

General surface water measures are as described in the section below.



The site team will put measure in place to manage any surface water and in particular any siltation. Any surface water runoff will be managed with any of the following: cut-off trench, on-site bunding, sandbags and equipment / plant in place such as silt trap or settlement tank and water pump to discharge the water into the nearest appropriate drain where required.



During our site set up all existing drainage manhole and gullies on the construction site will be covered and protected to prevent any discharge. Any other manholes, for services / ducting etc, on-site will be covered to prevent water and siltation ingress.

Site activities such as the demolition and ground works will be fully risk assessed. S/C will be submitting their RAMS for review which will include measure to manage surface water runoff. As a matter of course dust suppression will be appropriate for the task whilst not flooding the area in question; For example, atomisers will be used in place of water hoses. All S/C RAMS will go through both an internal review and a TSP review to ensure compliance.



The site team will carry out regular inspections of the above on-site construction processes through their weekly inspections and this in turn will highlight if any maintenance or relocation of equipment is required.

A regular review of any supporting documentation will also be carried out in-line with the recommended guidance or if there are any major changes to the projects.



1. Topographical Survey Drawing
2. Existing Drainage & Utilities Drawing



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Chain, Bar Cleckheaton, BD19 6BW

