

Document Title: **Construction Surface Water Management Plan.**

Project: **Modular Building, CEB Replacement, BAE Systems, Samlesbury**

Project Ref: **225/011**

Date: **14 May 2026**

Engineer: **M Billington**

Sleater & Watson have been commissioned to provide a Construction Surface Water Management Plan for the proposed development for Modular Building (CEB Replacement) at their BAE Systems, Samlesbury site in conjunction with Ribble Valley Council's planning permission notice referenced 3/2025/0852 dated 01 April 2026 and specifically condition number 8, as follows;

***No development shall commence in any phase until a Construction Surface Water Management Plan, has been submitted to and approved in writing by the Local Planning Authority. The plan shall detail how surface water and stormwater will be managed on site during all construction activities, including demolition, site clearance, earthworks, and temporary drainage installation, to prevent runoff and pollution.***

***The submitted shall include, as a minimum:***

***a) A timetable for implementation of any surface water management proposals;***  
***b) A method statement of the surface water management proposals for each construction phase, including temporary drainage arrangements and contingency measures for extreme weather events.***

***c) Evidence of how surface water flows will be discharged, demonstrating that discharge rates will be restricted to no greater than the equivalent greenfield runoff rate.***

***d) Measures to prevent siltation and pollutants from entering any receiving groundwater and/or surface water bodies, including watercourses, with reference to published guidance.***

***e) A site plan of the proposed surface water management proposals and pollution prevention measures, including locations of temporary drainage features, bunds, silt fences, settlement tanks, and spill response equipment.***

***The plan shall be implemented in full and thereafter managed and maintained in accordance with the approved plan for the duration of construction works.***

***Reason: To ensure the development is served by satisfactory arrangements for the disposal of surface water during all construction phases, so it does not pose an undue surface water flood risk on-site or elsewhere, and to prevent pollution of receiving waters, in accordance with Paragraph 181 of the National Planning Policy Framework and the principles of the National Standards for Sustainable Drainage Systems.***

The existing site is brownfield, formerly the CEB modular office building, and comprises of existing CEB modular building foundations, external hardstandings and car parking areas.

The site is known to have existing functioning below ground foul and surface water drainage systems. As part of the proposed works, new below ground foul and surface water drainage systems will be provided.

In the interim period, during the construction period, it will be required to use and maintain the existing below ground drainage systems until such a time that the new systems have been installed and commissioned.

For the retained existing hardstanding and car parks, their connection to the below ground drainage and the below ground drainage system on or off-site drainage will be retained until such a time that the new drainage is installed and commissioned. Therefore, the surface water run-off direction and flow rates for the existing building will be as per the existing scenario.

Where the previously sited CEB modular office buildings have been removed and areas of external works, the existing drainage provisions will be utilised. These will be retained until such a time that the new drainage is installed and commissioned. In these situations, the surface water run-off direction and flow rates will be as per the existing scenario.

Where the existing car parks and hardstandings are to be redeveloped in the North-Western part site as part of proposed car parking and landscaping, the existing surface water drainage is to be retained, until such a time that the new below ground drainage is installed and commissioned. In these situations, the surface water run-off direction and flow rates will be as per the existing scenario.

The Proposed Construction Surface Water Management Plan is shown upon drawing number CEB-SAW-XX.00-52-DR-C-5230-S0-P1.

This should be read in conjunction with the Proposed Foul and Surface Water Drainage Layout shown on drawing number CEB-SAW-XX.00-52-DR-C-5201-S0-P5.

The Contractor is to implement the Proposed Surface Water Management Plan and ensure that the proposals are continued throughout the duration of the construction contract to ensure that the surface water flow direction and flow rates do not exceed the existing situation prior to development. Furthermore, the system should be suitably maintained to prevent silt and pollutants being discharged from site, either via the below ground drainage system or groundwater.

## EXISTING DRAINAGE

- Before works begin, all existing drainage inlets will be identified and marked. Where these are retained they will be protected using (e.g. silt socks / sand bags) to prevent construction debris entry.

## SEDIMENT AND POLLUTION CONTROL

### Silt Management

- Silt Fencing: will be installed around all soil stockpiles to prevent wash-off during rain events.
- Gully Protection: All newly installed and existing gullies will be fitted with geotextile 'hats' or filters to trap sediment.
- Plant nappies: All static plant and refuelling equipment will be placed on absorbent 'plant nappies' or drip trays.

## CONCRETE AND CHEMICAL MANAGEMENT

- Concrete Washout: A designated, lined washout skip will be used. No concrete truck washing is permitted directly on the ground.
- Fuel Storage: All fuels will be stored in double bunded tanks within a designated COSHH area located at least 10 metres away from any drainage point.

## EMERGENCY RESPONSE

### Spill Response

- In the event of a fuel or chemical leak.
- Contain: Use the spill kits located at the site office / store and to block drainage entries.
- Notify: Inform the project manager.

## INSPECTION AND MAINTENANCE

Item	Frequency	Action Required
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- Silt Fences: Weekly / after rain check for tears or bypass, remove accumulated silt.
- Gully Filters: Daily Ensure filters are not blocked, replace if saturated with silt.
- Discharge Point: Daily Inspect for water clarity and signs of hydrocarbons (oil sheen).
- Spil Kits; Weekly Check contents are complete and accessible.

Additionally, where shown, all existing foul water drainage is to be grubbed-up as part of the permanent works, including, but not limited to the removal and decommissioning, where appropriate, of all foul water drainage pipework, access points (manholes, etc.).