



CONSTRUCTION SURFACE WATER MANAGEMENT PLAN

AFAF Car Park
BAE Systems (Samlesbury Site)
January 2026 Rev 1.0

O'Callaghan Ltd

Showley Fold
Showley Road
Clayton-Le-Dale,
Blackburn BB1 9DR

01254814281
stuart@ocallaghan-ltd.co.uk

CONTENTS

1.0 INTRODUCTION

1.1 Project Description

1.2 Brief

1.3 Location

1.4 Key Contacts

2.0 SITE DRAINAGE STRATEGY

2.1 Existing Drainage

2.2 Temporary Drainage During Construction

3.0 SEDIMENT AND POLLUTION CONTROL

3.1 Silt Management

3.2 Concrete and Chemical Management

4.0 WEATHER MONITORING & EMERGENCY RESPONSE

4.1 Weather Triggers

4.2 Spill Response

5.0 INSPECTION AND MAINTENANCE

6.0 DECLARATION

1. INTRODUCTION

1.1 Project Description

This plan outlines the procedures for managing surface water and preventing pollution during the construction of the AFAF car park.

The works include excavation, sub-base installation, drainage installation, and surfacing.

1.2 Brief

Car Park Construction

The project requires a new car park to be constructed on previously undeveloped land to offset parking lost by the construction of the new extension to building 127. The car park will provide 90 spaces and feature column lighting and EV charging (by others). Several service diversions and a new attenuation tank will be required as part of these works, as well as the ducting for EV Chargers and minor amendments to the existing surrounding car parks.

1.3 Location

Site Address:

Samlesbury Aerodrome, Blackburn, Lancashire, England, BB2 7LF

1.4 Key Contacts

Client	- BAE Systems	- Oliver Cookson	- 03300496540
Project Manager	-Ridge	- Andrew Quinn	- 0151 2360946
Principal Designer	- Wilson Mason	- Keith Cheshire	- 01772 877455
Architect	- Wilson Mason	- John Lewis	- 01772 877455
Structural Engineer	- TRP Consulting	- Tim Royal	- 0161 8399113
Contractor	- T Clarke	- Dave Plumb	- 07896 327602
Civils Contractor	- O'Callaghan Ltd	- Stuart O'Callaghan	- 07966 381152
Site Manager	- T Clarke	- Gary	- 07816 139561

2. SITE DRAINAGE STRATEGY

2.1 Existing Drainage

Before works begin, all existing drainage inlets will be identified and marked. Where these are to be retained, they will be protected using [e.g., silt socks/sandbags] to prevent construction debris entry.

2.2 Temporary Drainage During Construction

Runoff Control: Temporary grips and swales will be excavated at the perimeter to divert clean runoff away from the active construction zone.

Attenuation: A temporary settlement lagoon using Straw Bales Kelly Tank Siltbuster will be used to treat water before it is discharged into existing Surface water system.

3. SEDIMENT AND POLLUTION CONTROL

3.1 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 road gullies will be fitted with geotextile "hats" or filters to trap sediment.

Plant Nappies: All static plant and refueling equipment will be placed on absorbent "plant nappies" or drip trays.

3.2 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 meters away from any drainage point.

4. WEATHER MONITORING & EMERGENCY RESPONSE

4.1 Weather Triggers

The Site Manager will review the Met Office 5-Day Forecast daily.

Amber/Red Warning: Excavation works will be suspended. Temporary pumps will be checked for fuel and functionality. All loose materials will be secured.

4.2 Spill Response

In the event of a fuel or chemical leak:

Stop: Cease the source of the leak.

Contain: Use the spill kits located at Site Office / Store and to block drainage entries.

Notify: Inform the Project Manager and, if necessary, the Environment Agency Incident Hotline (0800 80 70 60).

5. INSPECTION AND MAINTENANCE

Item	Frequency	Action Required
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).
Spill Kits	Weekly	Check contents are complete and accessible.

6. DECLARATION

I confirm that the works will be carried out in accordance with this Surface Water Management Plan and all relevant environmental legislation.

Signed: Stuart O'Callaghan

Position: Director

Date: 06th Jan 2026



O'CALLAGHAN Ltd
CIVIL ENGINEERING CONTRACTORS