



**CONSTRUCTION SURFACE WATER
MANAGEMENT PLAN FOR BARTON ROAD,
BARLESTONE**

Revision: First Issue (19/08/24)

Revision Notes:

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Contents

1.0 Introduction & Aim..... 3

2.0 Site Details 3

3.0 Roles & Responsibilities 4

4.0 Managing Surface Water During Construction 4

5.0 Flood & Weather Alert 7

6.0 Legislation & Guidance..... 9

1.0 Introduction & Aim

1.1 The requirement for a Construction Surface Water Management Plan (CSWMP) is based on the duty to ensure that surface water quality and quantity is managed throughout the construction process to mitigate impacts off site.

2.0 Site Details

2.1 The site is located to the West of Barlestone. The site resides within the administrative area of Leicestershire County council and Hinckley & Bosworth Borough Council.

2.2 Site Location Plan



3.0 Roles & Responsibilities

Role	Contact Details	Key Responsibilities
Technical Manager	Matt Lonie Matt.lonie@mypadgroup.co.uk	Ensure the CSWMP is completed to cover all outcomes.
Senior Engineer	Tom Botterill Tom.botterill@mypadgroup.co.uk	Complete the CSWMP design and provide the maintenance regime required.
Construction Director	Dave Holland Dave.holland@mypadgroup.co.uk	Ensure the Construction Programme and the Construction Management Plan factor in the requirements of the CSWMP
Contracts Manager	TBC 07xxx xxxxxx xxx@mypadgroup.co.uk	Provide the facilities to enable the Site Manager to comply with the CSWMP and check it is being satisfactorily followed.
Site Manager	TBC 07xxx xxxxxx xxx@mypadgroup.co.uk	Ensure the CSWMP is being complied with and maintain periodically

4.0 Managing Surface Water During Construction

4.1 It is proposed to build the surface water drainage system and utilise this for managing the surface water drainage generated for the duration of the build.

4.2 CSWMP Design

N20.020_ENG260 Construction surface water management plan

4.5 Flood Risk Controls

As per the CSWMP the overland flow routes are direct to the pond as this is the lowest point of the development. We are going to leave a 10m vegetation buffer on the east of the development this will stop any possible silt that could run off from the development before reaching the ditch, this will prevent polluting the water course and blocking the downstream STW network.

4.6 Pollution, Water Quality & Emergency Control Measures

All workers should be made aware as part of the induction that any pollution should be reported to the Site Manager to enable an immediate clear up. In addition, they should also be made aware that any plant requiring refuelling or refilling of any fluids other than water should be carried out within the compound area.

4.7 Construction Management Plan

N20.020_ENG260 Construction management plan



5.0 Flood & Weather Alert

5.1 Flood Alert (River and Sea Flood Risk)

The Flood Alert procedure below is not applicable as the development is within flood zone 1

Alert Level	Definition	Action	Responsibility
Flooding Alert	Flooding is possible – be prepared	No further action should be required with being in flood zone 1	N/A
Flood Warnings	Flooding is expected – immediate action required	No further action should be required with being in flood zone 1	N/A
Severe Flood Warning	Severe flooding danger to life	No further action should be required with being in flood zone 1	N/A

5.2 Weather Alerts (Surface Water Flood Risk)

The Contracts Manager and Site Manager should sign up to the Met Office weather warning system
<https://www.metoffice.gov.uk/public/weather/warnings>

Alert Level	Definition	Action	Responsibility
Yellow: Be Aware	Yellow warnings can be issued for a range of weather situations. Many are issued when it is likely that the weather will cause some lowlevel impacts, including some disruption to travel in a few places. Other yellow warnings are issued when the weather could bring much more severe impacts to many people but the certainty of those impacts occurring is much lower. It is important to read the content of yellow warnings to determine which weather situation is being covered by the yellow warning.	The works programme is to be reviewed to ascertain if any activities could be affected by the Weather forecast. Works carried out to date to be reviewed to ascertain whether protective measures need to be carried out	Contracts Manager/Site Manager
Amber: Be Prepared	There is an increased likelihood of impacts from severe weather, which could potentially disrupt your works plans. This means there is the possibility of travel delays, road and rail closures, power cuts and the potential risk to life and property.	The works programme is to be reviewed to ascertain if any activities could be affected by the Weather forecast and if so these should be suspended until the weather risk reduces. Works carried out to date to be reviewed to ascertain whether protective measures need to be carried out and if so these should be implemented	Contracts Manager/Site Manager
Red: Take Action	Dangerous weather is expected and, if you haven't already done so, you should take action now to keep yourself and your works force safe from the impact of the severe weather. It is very likely that there will be a risk to life, with substantial disruption to travel, energy supplies and possibly widespread. You should avoid	The priority is to suspend all activities until protective measures to the works to date has been to be carried out. and if so, these should be implemented. Only at this point should works unaffected by the weather resume commencement.	Contracts Manager/Site Manager

	travelling, where possible, and follow the advice of the emergency services and local authorities.		
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6.0 Legislation & Guidance

The Water Environment (England and Wales) regulation 2009
Land Drainage Act 1991
SEPA Engineering in the Water Environment Good Practice Guide Temporary Construction Methods

Methods
Control of Water Pollution from Construction Sites – Guide to Good Practice (SP156)
Control of Water Pollution from Construction Sites – Guidance for Consultants and Contractors (C532)
Control of Water Pollution from Linear Construction Projects – Technical Guidance (C648)
Control of Water Pollution from Linear Construction Projects – Site Guide (C649)
Environmental Good Practice – Site Guide (C650)
The SUDS Manual (C753)
BS 8582:2013 Code of practice for surface water management for development sites
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