

From: Darren Green <darren.green@cpccivils.net>
Sent: 11 November 2025 14:17:18 UTC+00:00
To: "Maxwell Griffin" <Maxwell.Griffin@fishergerman.co.uk>
Cc: "James-CA Harris" <james-ca.harris@severntrent.co.uk>; "Richard Bishop" <richard.bishop@cpccivils.net>; "Roxanne vanderMerwe" <roxanne.vandermerwe@severntrent.co.uk>
Subject: Hallgates - Information for EIA Screening submission

Max,

Please find below as requested. Hope this sufficiently outlines our proposals at this stage of the scheme.

Watercourse Crossing #2, Cropston

The proposed pipeline route crosses the watercourse originating from Cropston Reservoir just east of the Cropston Pumping Station. (GR 455339, 311435)

To install the new 1050mm diameter pipe underneath the watercourse at this location a temporary flume arrangement will be proposed. This will consist of a number of 1000mm diameter 12m long large diameter pipes being placed across the watercourse, directly on the bed to maintain the flow and also allow for increased volumes during possible flood events. Temporary head walls will be built at both the upstream and downstream ends of the flume, using prefilled sandbags to direct the flow into the pipes and to reduce erosion at these locations.

Once this temporary arrangement has been installed then the trench for new pipe will be dug underneath the flume pipes from either side. The trench will be approximately 1.5 wide with the top of the new pipe approximately 1.2m below the bed of the watercourse. Once the new pipe has been placed in the trench, a concrete slab will be constructed directly above the main to protect it and then the rest of the trench it will be backfilled with clay up to the level of the watercourse bed. This will create an impermeable layer between the pipe and watercourse.

After completion of the pipe installation, the temporary flume arrangement will be removed from the watercourse so that no construction materials remain in the channel.

The above method will minimise the silt disturbance in the watercourse plus straw bales could be deployed downstream, during both the installation and removal process, to further reduce the impact of any silt disturbance.

It is acknowledged that we will be working in a Flood Zone 2/3 which will require a FRAP to be prepared and submitted for these works. This application will include a layout drawing of the temporary crossing, method statement for the works and considerations with working in a flood zone.

Working in the Flood Zone 2/3 north of the A50 crossing, Glenfield

See layout below to help with explanation.

The proposed pipeline passes through the edge of a Flood Zone 2/3, approx. 7% of the flood plain zone on the west side of Rothley Brook. It is proposed to create the main haul road and hardstanding for the weld machine and material storage out of the flood plain zone. We will require additional working area for this for removes the number of operations within the flood risk area.

Because the proposed working area is at the edge of the Flood Zone 2/3 it is proposed to protect the works by forming an earth bund between the works and the Rothley Brook flood zone. As part of the normal process for pipeline installation, the topsoil is stripped and stockpiled adjacent to the pipe trench. It is proposed to use this topsoil stockpile as the bund, maximum of 1.0m in height (based on topographical information) with a layer of geotextile on the side of the stockpile facing Rothley Brook to prevent any erosion. This will separate the works from the flood waters.

This bund will be approximately 250m in length and will prevent inundation of the works (magenta line on layout). The works will consist of the following:

1. The installation of a new 1200mm dia PE pipe in an open trench along the dark blue line. This trench will be opened, pipe installed and backfilled within 8 days.
2. The installation of 2 no. 800mm dia PE pipes under the A50 by horizontal directional drilling. This is expected to take approximately 8 weeks. The drilling area will be within the bund protected area just to the north of the A50 ie HDD working area shown on the layout.

FRAPs will be prepared and submitted, based on the above, for both the pipe installation and the HDD operations. This will provide details on the flood protection measures outlined above, method statements for the works incorporated risk associated with flood plain working, programme of works, details of materials to be used etc.

Please note that due to the length of drill shot for the HDD there will be no working within the flood zone 2/3 south of the A50 as the drill will exit the ground well beyond the perimeter of the flood zone 2/3.



Darren Green

B Eng C Eng MICE

Pre-Construction Project Manager

M: 07467 764 002

E: darren.green@cpccivils.net

W: www.cpccivils.net

Notice of forthcoming Annual Leave –



Head Office: 11 Hockley Court, 2401 Stratford Road, Hockley Heath, Solihull, B94 6NW Tel: 0121 766 7019

Sheffield Office: Sheffield Business Centre, Suite J1, Europa Link, Sheffield, S9 1XZ

This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. No employee, contractor or agent is authorised to sign or in any other way conclude any binding agreement on behalf of CPC Civils Ltd with another party whether or not by email, unless they are an authorised signatory of CPC Civils Ltd or have specific delegated powers under an existing contract. If you have received this email in error please notify CPC Civils Ltd via one of the methods listed below:

Tel: +44 (0) 121 766 7019

<mailto:info@cpccivils.net>