

Ancient Monuments and Archaeological Areas Act 1979

It is important that you read the accompanying guidance notes as incorrect completion will delay the processing of your application. You can complete and submit this form by email (scheduledmonumentconsent@hes.scot) or by post to Heritage Management Business Support, Historic Environment Scotland, Longmore House, Salisbury Place, Edinburgh, EH9 1SH.

1 Applicant name and address

Title	Mr	First Name	Paul	Surname	Colenso
Company / Organisation	Scottish Canals				
Building No / Name	Canal House				
Street	1 Applecross Street				
Town / City	Glasgow				
County / Region					
Postcode	G4 9SP				

2 Monument to which application applies

Index no	6771	Name	Glasgow Branch		
Local Authority	Glasgow City Council	Grid Ref	Craigmarloch	NGR:	273692, 677376
		Ruchill	NGR:	257232,	668614
		Wynford	NGR:	277312,	678753
		Shirva	NGR:	269460,	675712
Description of location of land	Forth and Clyde Canal, covering both rural and urban environments				

3 Pre-application discussions

Have you undertaken pre-application discussions with Historic Environment Scotland? (If yes, please give details below)	Y <input checked="" type="checkbox"/>	N <input type="checkbox"/>
Meeting at SC offices with John Malcolm – Friday 11 th Nov 2017		

4 Summary of proposed works (max 20 words)

North Glasgow Integrated Water Management System (NGIWMS) – Geotechnical Investigation to Inform Future Design Stages

5 Description of proposed works

The NGIWMS project is a scheme to manage water levels in the F&C canal summit pound to enable SUDS water to be transported away from new developments sites without affecting flood risk.

As part of this project 3 new discharge structures are required from the F&C summit pound.

This application relates to geotech investigation work required to further the detailed designs for these structures. 4 sites have been chosen for investigation works – but only 3 will be used for the project (Forth being undertaken as a risk contingency).

The works involve the undertaking of a borehole and trial pit at each site. Details and Methodology for these works are attached. For the boreholes an inspection pit (0.5m by 0.5m by 1.2m deep) will be excavated in the soft verge adjacent to the towpath by a mechanical mini-excavator. The borehole will then be sunk within this pit to a depth of 5-6m. The trial pits (1.0m wide by 3-4m by 2 – 4.5m deep) will also be excavated in the soft verge by a mechanical excavator. The ground will be re-instated after the excavations.

In order to protect the weir structures during excavations a 5m exclusion zone will be set in place around each structure.

The exact locations of the trial pits and boreholes will be determined from the results of a Ground Penetrating Radar (GPR) survey (SMC application in process) which is being undertaken to identify the location of possible underground services. If underground services are located the boreholes and trial pits will be repositioned to as near their original position as possible whilst avoiding the services.

The Admiralty pipeline which was constructed during the WWI and historically ran the length of the Forth & Clyde Canal may be one such service. It is visible at Craigmarloch as it spans across the weir in a concrete encasement. Whether it is present on either side of the weir is unknown at present. The GPR survey will help determine its exact location and an exclusion zone will be set to avoid damage to the pipeline.

A protected species survey was undertaken in October 2016 by AECOM on behalf of Scottish Canals at the sites selected for the NGIWMS project. No suitable habitat was found for water vole or great crested newts at any of the sites. Suitable habitat for badger was identified at Wyndford and Shirva, in particular, but both were more than 25m from the boreholes and trial pit locations. No evidence of badgers was found at the sites. The proposed works were not considered likely to have an impact on badgers in the locality of any of the sites. All the sites, with the exception of Ruchill, had suitable habitat for otter, however based on the limited disturbance expected to be generated from the boreholes and trial pits and the distance of the appropriate habitat, impacts on otter was considered unlikely. All trees within disturbance distance of the boreholes and trial pits were noted as having negligible potential to support bat roosts.

6 List of plans, drawings and other documents accompanying application (continue on separate sheet if necessary)

No	Description	Reference	Document emailed	Document posted
1.	Borehole Drilling Methodology	Borehole Drilling Rev 1.docx	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2.	Trial Pit Methodology	Trial Pit Rev 1 .docx	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3.	Location Plans (4 No.)	Craigmarloch.pdf, Shirva.pdf, Ruchill.pdf, Wynford.pdf	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.	Photographs of the Weirs	Photographs	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5.			<input type="checkbox"/>	<input type="checkbox"/>

7 Nature Conservation – Protected Places and Species

Will the proposed works affect any of the following:

Yes No

- Site of Special Scientific Interest
 Special Protection Areas
 Special Areas of Conservation
 European Protected Species

If Yes, please give details below

8 Other information relevant to application

9 Declaration

- I hereby apply for scheduled monument consent for the works described in this application and shown on the accompanying plans and drawings.
 I confirm that the information I have given on this form is true and accurate.

Name Paul Colenso

Date 28/11/16

On behalf of Scottish Canals

Where an application is being dealt with by an agent to whom correspondence should be sent, state the:-

Name of Agent

Tel No

Address

Post Code