



Environmental Management Plan Crovraghan Slipway

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Works Description

This project consists of the construction of a new concrete slipway into the water at Crovraghan Pier and also construction of concrete retaining wall on one side of the slipway.

Boundaries – outfalls from drainage

The Project Site is made up of a gravel(Shale Chip) roadway down to the rivers edge at present. There will be no runoff from the site to the public road as the slope is going the opposite direction towards the river Fergus. The site will be excavated to a level below road level so there will be no outfalls from the site. A silt trap will be excavated down at the waters edge before any other works takes place. There is a shale chip finish on the slip way at present and this will be excavated on site and levelled on site once the project is complete. There will be no waste rubble removed from site as part of this project.

Routing of Construction Traffic

All construction traffic will enter the site from the R 473 road. This entrance is already in place and is splayed to give visibility for trucks exiting the site. The primary heavy traffic entering the site will be trucks delivering, steel rebar, ready mix for foundations, trucks shuttering. Due to the nature of the project there will not be a huge amount of deliveries to the site. No work shall take place outside of the hours of 08:00 to 18.00 hours daily. All deliveries to site will be coordinated in advance so there is no disruption to normal road traffic if there is a funeral etc. Deliveries and work will be stood down if necessary anytime. There will be no disruption to the public road or footpaths outside the site boundary.

Storm Drains



No storm drains on the site at present. As the shale chip slipway will be excavated at part of this project a silt trap will be created before any work takes place. This will be at the end of the slip way and all silt flowing down from the works will be trapped here and not allowed to enter the water and interfere negatively with aquatic life on the river.

Noise

No demolition planned on this project except for the excavating of the existing shale chip slipway.

Noise levels will be kept as low as reasonably practicable by the use of the following measures

- Machinery is maintained in good working condition on site.
- All works will take place upon prior notification to the client and within the site working hours.
- Consideration will be given to noise emissions when hiring equipment onto site
- All equipment will have silencers/mufflers fully functional at all times

Particular care will be taken to reduce exterior noise levels onsite so as not to cause inconvenience outside of the site boundary.

Demolition Dust

Care will be taken to keep demolition dust to a minimum. Dry conditions cause problems and so dust suppression techniques will be used to damp down the dust as required.

The primary method of dust suppression will be the use of sprinkler spray hoses. It is of course weather dependent and will be reviewed on an ongoing basis. The only dust envisaged at this stage of the project is the excavating. As the work is taking place in the next few weeks it not envisaged that there will be an issue with dust on site

Site Barrier

The complete site at the front will be completely hoarded out and stepped back from the entrance so as not to impact on sight lines. Signage will be erected on the gates for the duration of the project including emergency nos.

Fire

All Works will be coordinated and communicated via SSWPs for each task which is carried out onsite. The area will have a fixed fire point local to the site office and at the entrance to the site



In the event of a fire occurring on site, Crowley Plant Hire Ltd emergency action plan will be put in place. It is not anticipated that a fire will take place onsite as there will be very little hot work to be done on site **In the event of any emergency, contact: 999 or 112**

Fuel

- Diesel will be brought to site and the machines will be refuelled directly with no storage on site
- Engine and Hydraulic Oils, will be brought to site as needed and taken away again
- Petrol will be stored in steel jerry cans. Only small quantities will be stored.

Sewage

Construction staff will use a portaloos for the duration of the works. Canteen facilities on site to be utilised for site staff to eat at break times.

Roads

In conjunction with the design team, all surrounding areas to the Construction site will be visually assessed as part of the Crowley Plant Hire Ltd prestart checklist and photographically recorded to show the conditions prior to starting any works.

Access areas within the site area will be checked daily and hand swept as required. Footpaths and roadways around the immediate site will be visually assessed daily and as and when required swept to ensure the condition of the footpath is maintained for the duration of the works. No muck or debris will be allowed out of the site onto the public road. Wheels will be cleaned before exiting the site.

Emergency Response Plan

A Site Emergency Response Plan has been developed to provide guidance and emergency procedures for dealing with occurrences that could jeopardise the Health and Safety of operatives and the general site users as well as the environment applicable to these works.

This plan forms part of the overall plan and as such should be read in conjunction with the Risk Assessments and subsequent Method Statement. Risk assessments will be ongoing throughout the contract.

The plan will include response to environmental problems.



Environmental Emergency Equipment

The major potential environmental ill effects that can be identified are the contamination of water courses (ie the River Fergus), Shannon Estuary and the surface and subsurface soils. Due to the site and the small amount of plant on site this would be deemed to be minimal

Emergency equipment should include:-

- Fire Extinguishers are to be located around the work area and throughout the project
- Site Excavator Machines on site will be reviewed as per requirements weekly and operated under prestart checked on site daily
- Oil dri and soak socks will be onsite to soak/dri any oil in the event of an emergency.

Information Instruction and Training

The Company will ensure that personnel are instructed in the Company Environmental Policy and its requirements and are fully trained and competent for the work that they have to undertake.

All staff will be inducted when arriving onto site firstly by Crowley Plant Hire Ltd. which will incorporate main site specific elements of Health, Safety & Environmental controls to be implemented on-site. These inductions will be supplemented by Task Specific Method Statements and Risk Assessments and Daily / Weekly Toolbox Talks.