

Method Statement Template

This template is intended to be used in conjunction with a Band 1 Marine Licence application. Please complete each section below following the guidance provided (max 500 words per section). For any queries relating to this template please contact: marinelicensing@cyfoethnaturiolcymru.gov.uk

1. Summary

Please provide a brief summary of the application including location of the works (coordinates - lat/long, decimal degrees). For activities that cover a large area please provide coordinates of the approximate extent of works.

Our job reference: MWC0035

Maintenance work to be carried out on behalf of Network Rail to a culvert prior to Penmaenbach Tunnel.

OSGR: SH 74391 78380

A culvert under the rail track just before Penmaenbach Tunnel requires cleaning out from debris and a new tidal flap installed at the outlet end of the culvert, which is located on Penmaenbach Sea Wall.

2. Scope of works

Please provide a full description of all proposed works including:

- *Sequence of works (mobilisation, marine works, site remediation (if required))*
- *Estimated timing of works (duration, working hours, day/night, plus contingency)*
- *Plant, machinery or vessel required*
- *Estimated quantities (removals, deposits, construction materials)*

Under a line block and track protection on a Saturday night a wet waste tanker will be positioned on the landward side, off-track. On the following Sunday morning the culvert will be cleaned out utilising the jetting vacuum unit on the vehicle.

Once the culvert is clear of debris the culvert will be inspected and a CCTV survey undertaken by a specialist contractor.

The surface area around the culvert outlet (where it becomes Penmaenbach Sea Wall) will be made good for a new tidal flap to be fitted (approx. 1sqm to be cut back in readiness). A new concrete repair will be made to create a flush surface (approx. 1sqm x 2" deep). This will be done using hand tools.

The new tidal flap will be installed as per previous flap (750mm x 750mm).

The work is expected to take 2-3 days to complete. After positioning the jetting unit on the Saturday evening, working times will be limited to daytime (07:30 – 16:30). Up to four operatives on site.

Equipment & Materials:

Landward side:

Jetting unit on wet waste tanker
CCTV equipment

On beach:

Trowel, mortar board, chisel, hammer and jointer tools.
Cement/mortar

3. Access and working areas

Please provide details of access to the site and working areas. This should include:

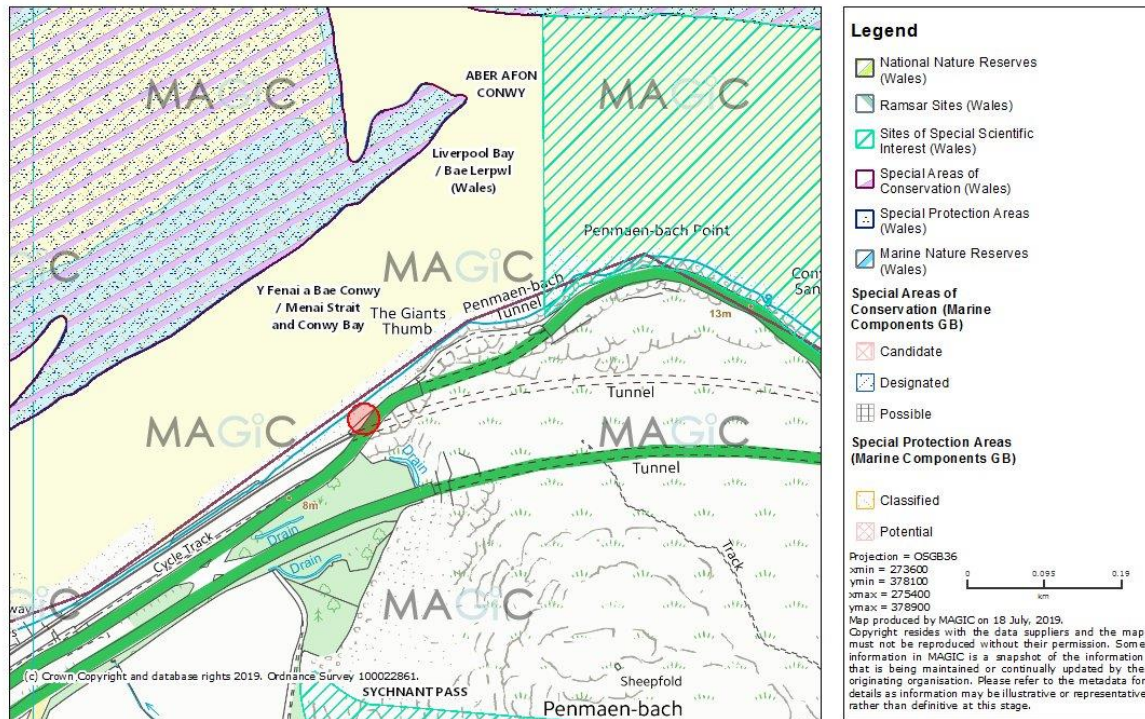
- *Attached map of the access/egress route and working areas (annotated aerial image and/or OS map)*
- *Predicted plant/vehicle movements*
- *Storage areas for plant, equipment and materials (if required)*
- *Risks to navigation*

Jetting vacuum unit will arrive on location via road and will remain landward side to clean out culvert from landward end. CCTV survey will also be carried out from landward end of culvert.

To install the replacement tidal flap:

Personnel will walk onto the beach via footpath under track, past the groynes, to carry out the tidal flap installation. This will take place at low tide with no risk to sea going vessels or navigation.





Magic Map – red circle indicates culvert location prior to Penmaenbach Tunnel and the corresponding location of outlet on Penmaenbach Sea Wall (tidal flap).

4. Environmental mitigation

Please list appropriate mitigation measures to minimise impacts on the marine environment these may include:

- *Pollution prevention and control procedure (guidance available at: <http://www.netregs.org.uk/media/1304/gpp-5-works-and-maintenance-in-or-near-water.pdf>)*
- *Spill response kits*
- *Minimise plant traffic*
- *Designated access and egress routes*
- *Storage of materials (fuel, chemicals, construction waste)*
- *Biosecurity (guidance available at <http://www.snh.gov.uk/docs/A1294630.pdf>)*

Note: To assist you, the following mitigation statements will be used as conditions within the licence. By signing this method statement you will be agreeing to adhere to these restrictions. If you are unable to do this, the application will not qualify as Band 1.

- ✓ All equipment, temporary structures, access tracks, waste and/or debris associated with the works will be removed on completion of the works.
- ✓ Bunding, storage facilities and spill kits will be employed to contain and prevent the release of fuel, oils and chemicals associated with the plant, refuelling and construction equipment into the marine environment.
- ✓ Plant, vehicles and machinery will not be refuelled on the foreshore.
- ✓ Coatings and treatments will be suitable for use in the marine environment and are used in accordance with best environmental practice.
- ✓ All equipment, materials, machinery and PPE used will be in a clean condition prior to their arrival on site, and upon removal from site, to minimise risk of introducing non-native species into the marine environment.
- ✓ In the event of removal of any sensitive species or habitat designated by NRW under Schedule 7 of the Environment (Wales) Act 2016, no further removals will occur at that location or within 20m of that location.

Please list your bespoke mitigations here:

- Guidance for Pollution Prevention – Works and maintenance in or near water: GPP 5 to be followed.
- Debris within culvert will be cleaned/sucked out utilising a jetting vacuum unit. This will remove debris and keep it contained within unit/vehicle, preventing escape into the environment.
- No refuelling of vehicles will be carried out on site.
- Mortar to be applied with hand tools to limit quantities in use and to prevent excess falling to ground/into water.

- Cement/mortar to be mixed away from beach and drainage systems. Mixing to be carried out over impermeable surface/secondary containment.
- Specification of cement will be suitable for use in wet environments (anti-washout, rapid setting and low in deleterious substances such as alumina and iron. e.g. Tecroc Aquatic Accelerated Mortar or NatCem35.
- All materials and equipment will be stored more than 10m from watercourse.
- Work to replace the tidal flap will be carried out a low tides.
- Site supervisor to sign up to weather warnings and work to be re-assessed/stopped in adverse weather conditions.
- Work activities will be limited to daylight hours to minimise disturbance.
- CHECK-CLEAN-DRY procedure will be implemented to prevent spread of invasive species.
- If any protected species are seen, works will stop and our ecologists called for advice.
- Working areas will be kept clean and free from litter
- All wastes will be removed from site and disposed of correctly; following Waste Duty of Care checks.

5. Additional Information

Please list any additional information that may help with the application:

- Consents/permissions required
- List of plans or drawings attached to method statement
- Emergency procedures
- Contact details

The following Amco Giffen internal guidance shall be used when managing an environmental incident:-

- HS15 – Emergency preparedness and response
 - GEEMS (Guidance for Environmental Emergency Management on Site)
 - 1 – General
 - 2 - Spillage
 - 3 – Nuisance Complaints
 - 4 – Protected Sites, Species and Structures

Third Party Response Companies

Adler and Allan shall provide emergency response where a pollution event is beyond Amco Giffen ability to contain or clean up.

• Environmental Emergency Response	Adler and Allan	0800 592827
• Ecologist	Whitcher Wildlife	01226 753271

6. Customer details

Signature:



Full name: Fiona Bussell

Organisation name (where appropriate): Amalgamated Construction Ltd.

Contact e mail: Fiona.bussell@amcogiffen.co.uk

Contact phone number: 07557 540036