

Protection of Bradley Fold Ponds and the Blackshaw Brook – Method Statement

Silt Fencing

Precautions will be taken when excavating to ensure silts are not allowed to migrate to either the adjacent ponds or brook. Prior to any earthworks activities taking place on site, silt fencing will be erected in the locations shown below:



Silt fencing will consist of a specialist silt fence fabric to intercept any potential silt laden construction site stormwater run-off. Installation as follows:

- Dig 100mm trench or use a trenching machine and bury fence up to the red line
- Make sure backfill is on upslope side of fence and firmly compact
- Position posts on downslope side of fence @ max 1.50m post spacing, min 0.50m in ground
- Secure with 3 nails and washers per post or use cable ties
- Post size minimum 1.20m long and 50mm diameter
- Tension top edge by looping ribbon band over post
- Regularly check site
- Repair any damage
- Remove trapped silt when reaches top of white band or install additional fences

Refueling / Spillages

To minimise the risk of contamination from spills of oil or fuels, they will be stored within a designated area of the contractors compound within the site. Operatives will be trained in the refuelling of vehicles and attendance to spillage and spill procedures. These designated areas will be away from both the ponds and the brook.

The designated areas will be surrounded by suitable bunds, and drip trays will be used to collect material and prevent ground contamination. Fuel will be stored within a bunded fuel bowser.

A spill kit will be located within specific areas on the sites and these areas clearly marked. All operatives will be made aware of this and other site specific controls at induction stage and within subcontract orders.

Dust Control

Potential dust producing activities on site consist of:

- Transportation of plant and materials along site haul roads
- Earthworks and excavations
- Material stockpiles
- Depositing of excavated material on site

The potential for dust will be mitigated as follows:

- Haul roads will be dampened down with a towed water bowser with spray bar as per the image below
- If dust is considered to be an issue during excavations, material will be dampened down as above prior to it being excavated
- A road sweeper will be employed to sweep site entrance and surrounding roads
- To mitigate dust pollution from any stockpiled materials, a dust suppression system consisting of a misting cannon would be utilised.

