E3P
Heliport Business Park
Liverpool Road
Eccles
Manchester
M30 7RU

Manchester / London / Edinburgh

info@E3P.co.uk
http://www.E3P.co.uk

Ref: 10-609-L2
Date: 5th December 2016

Allen O'Shaughnessy
Lendlease

BY Email

Dear Allen,

Protection of Surface Water Quality
Potato Wharf, Manchester

E3P has been asked to provide a preliminary response in regards to how the water quality of the Bridgewater Canal and the River Irwell will be protected during development and construction works associated with Phase 2 of the Potato Wharf development (M3 4LA); herein referred to as the site.

This letter sets out details on how the water and towpaths are to be protected from contamination from construction or other materials during the development and construction periods relating to the application proposal, how the scheme will be implemented, and how it will be managed throughout the development period.

For ease the response has been divided into sub-headers as below:

Silt

There will be no works undertaken within the channel of the River Irwell or Bridgewater Canal. Furthermore, the river is channelled by the presence of retaining walls which will serve to prevent any silts being washed into the channel.

Any works by the canal which may generate silts / dust will be mitigated by regularly brushing / scraping the area to prevent particles entering the canal.

Concrete & Cement

Any concrete and cement mixing on site will be;

1) At least 10m from the River Irwell and/or Bridgewater Canal;
2) Include for settlement and re-circulation systems;
3) Have a contained area for washing / cleaning of plants; and
4) Wash waters will be discharged into foul sewer only (with appropriate permission from sewerage undertaker and Local Authority).

Environmental Engineering Partnership Limited trading as E3P
Registered in England No: 08725262 Registered Office: Heliport Business Park, Liverpool Road, Eccles, Salford, M30 7RU

Oils & Chemicals

Any oils or chemical storage containers such as tanks, ICBs, drums and mobile bowsers (over 200litre) will comply with the appropriate current Control of Pollution Regulations.

The containers will be stored on an impermeable base with suitable spill kits kept close to storage area. All plant refuelling will be undertaken in a designated fuelling area under appropriate controls.

Infrastructure

A viaduct and Network rail infrastructure are located adjacent the Bridgewater Canal across the southern portion of the site, however there will be no works to construct or maintain structures which overlay the channel as part of the development.

Summary

At this stage, the aforementioned points are not in operation, however the management of the scheme will include a regular inspection of both the River Irwell and Bridgewater Canal to ensure construction works are not causing any detrimental impacts to either watercourse.

In addition, all storage / fuelling areas and concrete mixing zones will be subject to daily inspections and routine cleaning operations, supervised by the site manager with any potential adverse issues addressed immediately in accordance with industry best practice.

A full and detailed account of the above will be incorporated into the Remediation & Enabling Works Strategy due to be completed following a phase of further intrusive works.

I hope this information is sufficient and if your require any further assistance please don't hesitate to contact me.

Yours sincerely,
For and on behalf of E3P Ltd



Alex Smith
Senior Geo-Environmental Consultant