

## **ABP Group Environmental**

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04<sup>th</sup> January 2022

Our Ref: ABP Wpro 0.1/CC/04/01/2022

Your Ref: P0040-02

1. Desktop review of underlying geological and hydrogeological environments.
2. Excavation of 5no. trial pits at the locations shown on the attached layout drawing. The pits are strategically positioned to allow investigation of the kerosene tank, the HFO bund and the tallow tanks bund. These pits will be excavated to a minimum depth of 1.5m below ground level subject to ground conditions encountered (aiming for 2-3m bgl).
3. Collection of a composite sediment sample from each pit that will be analysed in an appropriately accredited laboratory for a comprehensive suite of parameters. The analytical suite will include metals, hydrocarbons (TPH, Mineral Oil, MTBE, BTEX), PAHs, VOCs, Phenols, and PCB. Samples will be placed in laboratory supplied containers and stored at the appropriate temperature whilst in transit to the laboratory. Leachability testing will also be performed on each of these samples to determine potential for groundwater contamination. This analytical suite is based on the relevant hazardous substances that were formally used, stored and produced at the subject site. If sufficient depth can be achieved in the pits representative samples of shallow (0-1m bgl) and deep (1-3m bgl) profiles may be collected if determined necessary depending on site observations.
4. All reported results will be tabulated and compared with relevant soil quality standards where applicable including: UK Environmental Agency CLEA Framework Soil Guideline Values (SGV), CL:AIRE category 4 screening levels (C4SL's), Dutch Target

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and Intervention Values from the Ministry of Housing, Spatial Planning and Environment, Directorate-General for Environmental Protection, 2000.

5. The ground investigation has been designed in accordance with best practice set out in the British Standards Institution Code of Practice for Investigation of Potentially Contaminated Sites (BS 10175).
6. All unconsolidated deposits encountered will be described in accordance with the British Standards Institution Code of Practice for Site Investigations (BS 5930).

Preparation of a factual report with description of baseline geological and hydrogeological conditions, ground conditions encountered and assessment of analytical results. This assessment will determine whether a further stage of investigation will be required which would include groundwater monitoring

I trust this is to satisfaction of the Agency.

Yours sincerely,



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John Durkan,  
Environmental Manager