

**Redcar & Cleveland Borough Council**  
**Adults and Communities**

# Memo

From: <b>Mr Mick Gent</b>	To: Development Department
Job Title: <b>Contaminated Land Officer</b>	
Email:	Name: Mr D Pedlow
Our Ref: 167058	Your Ref: R/2021/0439/CD
Date: 17/06/2021	Response: Planning Consultation Con Land
Tel Ext: 01287 612429	

## Environmental Protection Planning Consultation Response

<b>Proposal:</b>	<b>PARTIALLY DISCHARGE CONDITION 16 OF PLANNING PERMISSION R/2020/0357/OOM OF PHASE 2 FOR OUTLINE PLANNING APPLICATION FOR DEMOLITION OF EXISTING STRUCTURES ON SITE AND THE DEVELOPMENT OF UP TO 418,000 SQM (GROSS) OF GENERAL INDUSTRY (USE CLASS B2) AND STORAGE OR DISTRIBUTION FACILITIES (USE CLASS B8) WITH OFFICE ACCOMMODATION (USE CLASS B1), HGV AND CAR PARKING AND ASSOCIATED INFRASTRUCTURE WORKS ALL MATTERS RESERVED OTHER THAN ACCESS</b>
<b>Premises:</b>	<b>Tees Works, Trunk Road, TS10 5QW</b>

### Comments:

With reference to the above planning application, I would confirm that I have assessed the following environmental impacts which are relevant to the development and would comment as follows:

I note that an Enabling Earthworks and Remediation Strategy Report has been submitted in support of partially discharging condition 16 of outline planning permission R/2020/0357/OOM.

At the time of the condition discharge application further ground investigation of the southern area of the site is been carried out in order to inform current data gaps and to investigate the current geo-environmental conditions.

The findings of these works shall be reviewed once complete to confirm the accuracy of the conceptual site model, contaminant distribution and the requirements of the remediation strategy.

The Remedial Strategy will address the risks to Human Health by capping in situ as the appropriate remedial technology to address all contaminants with the exception of volatile contaminants (e.g. benzene / naphthalene (when associated with NAPL).

Soils containing free phase NAPL or soils exceeding the hydrocarbon reuse criteria will be treated to reduce hydrocarbon concentrations. Once hydrocarbon concentrations are below the reuse criteria; these soils will be reused as fill. In order to facilitate development a temporary cover system will be installed across the footprint of the site; comprising 200mm of site won or certified imported materials. The purpose of this capping layer is to mitigate the direct contact, or inhalation/ingestion of dust pathways that may be associated with other contaminants which may be present, such as heavy metals or low levels of asbestos.

The proviso is that a permanent cover system will be incorporated into the design and construction works on future development.

The remediation will be conducted alongside the enabling earthworks.

Recent amendments to the strategy have been proposed by the applicant following the earthworks outlined in the strategy, whereby a specialist contractor will be employed to begin installation of a new quay wall (subject to a separate planning application). This quay wall installation will require excavation along a 110m wide strip parallel to the Tees prior to installing piles and anchor walls which will form the new quay, then filling to final levels.

To minimise any unnecessary double handling of material which will involve significant cost and time. It is proposed that works are carried out in a slightly different manner as outlined below:

- Made Ground excavated to 3.5m AOD in stippled area by main earthworks contractor.
- Excavated material and base and sides of excavation validated by Arcadis.
- Suitable material stockpiled, unsuitable material disposed of offsite or treated as appropriate.
- Arcadis to prepare interim validation report covering base of excavation and stockpiled materials.
- Quay wall contractor carries out piling and associated works and completes filling of stippled area to finished site levels using stockpiled material.
- Quay Works contractor provides validation report for backfilling to support MMP and planning application.

In tandem, the remediation strategy will be carried out as originally proposed within the remaining footprint of the R/2021/0439/CD red line boundary, with excavation and validation carried out by Halls and Arcadis.

This amendment will not materially affect the aims or outcome of the remedial works but will alter the timing and responsibilities for certain elements of the works.

The strategy report and amended proposals are satisfactory and therefore condition 16 can be partially discharged.

However, Chapter 5 discusses reporting and preparation of pre-commencement plans covering Enabling Earthworks Remediation Implementation Plan, Materials Management Plan and a Construction Environmental Management Plan which will

need to be supplied to the LA for approval prior to commencement of the enabling works.

Also, because data gaps exist in the south of the site in the vicinity of the potential source area no detailed characterisation has been undertaken in this area of the site. Further data is currently being collected from across the site, including addressing these data gaps, the Conceptual Site Model and Remediation Strategy shall be reviewed based on the findings of these works and where required updated to ensure that the strategy remains valid and comprehensive.

Additionally, changes to the remediation strategy may be required during the remediation works, as a result of encountering unexpected contamination. Should unexpected contamination be encountered, then further characterisation and risk assessment will be undertaken as required.

In the event that contamination is found at any time when carrying out the approved development that was not previously identified it must be reported in writing immediately to the Local Planning Authority. prior to implementation of any amendments to the agreed strategy. An investigation and risk assessment must be undertaken, and where remediation is necessary a remediation scheme must be prepared which is subject to the approval in writing of the Local Planning Authority.

Any such amendments to the remediation strategy shall be required to be fully documented within the Verification Report (on completion of the works)