

Bury Metropolitan Borough Council
Town Hall
Knowsley Street
Bury
Lancashire
BL9 0SW

Our ref: SO/2023/123503/01-L01
Your ref: 69940
Date: 04 October 2023

Dear Sir/Madam

DEMOLITION OF EXISTING FIRE STATION AND ERECTION OF NEW FIRE STATION INCLUDING NEW TRAINING TOWER, PARKING/MANOUVERING AREAS, FENCING AND LANDSCAPING; PROVISION OF TEMPORARY FIRE STATION ON SITE FOR THE DURATION OF THE REDEVELOPMENT WHITEFIELD FIRE STATION, BURY NEW ROAD, WHITEFIELD, MANCHESTER, M45 7SY

Thank you for referring the above application to the Environment Agency. We have no objection in principle to the proposed development, but we would wish to make the following comments.

Environment Agency position

We have reviewed the following report: Phase 1 Geo-Environmental Investigation report dated February 2023 by IGE Consulting Ltd regarding the possible risks to Controlled Waters from the current and future condition of the land.

We have also provided additional advice and guidance via our project team. From our earlier conversations with the project team, we have made them aware of the possibility that the use of the land as a Fire Station could have introduced contamination associated with Aqueous Fire Fighting Foam (AFFF).

A major constituent part of AFFF is per- and polyfluoroalkyl substances (PFAS). PFAS contamination is an emerging contaminant of concern in the UK and regulators. We identified that their very presence would impact any future risk assessment that is needed, the way remediation is undertaken and potential how any future generated wastes are safely disposed of.

If the applicant can definitively rule out the presence or use of AFFF at the station, then we will welcome any narrative that supports this and therefore rules out the need for sampling and testing, which we are aware is costly and involves a stringent methodology to prevent cross-contamination. Otherwise, we would recommend a conservative approach to environment protection and site assessment and testing being included.

The application submissions demonstrate that it will be possible to manage the risks posed to controlled waters by this development. Further detailed information will however be required before built development is undertaken.

We believe that it would place an unreasonable burden on the developer to ask for more detailed information prior to the granting of planning permission but respect that this is a decision for the local planning authority.

Considering the above, the proposed development will be acceptable if a planning condition is included requiring the submission of a remediation strategy. This should be carried out by a competent person in line with paragraph 183 of the National Planning Policy Framework.

Without these conditions we would object to the proposal in line with paragraph 174 of the National Planning Policy Framework because it cannot be guaranteed that the development will not be put at unacceptable risk from, or be adversely affected by, unacceptable levels of water pollution.

Condition

No development approved by this planning permission shall commence until a remediation strategy to deal with the risks associated with contamination of the site in respect of the development hereby permitted, has been submitted to, and approved in writing by, the local planning authority. This strategy will include the following components:

1. A site investigation scheme, based on the information already submitted, to provide information for a detailed assessment of the risk to all receptors that may be affected, including those off-site.
2. The results of the site investigation and the detailed risk assessment referred to in (1) and, based on these, an options appraisal and remediation strategy giving full details of the remediation measures required and how they are to be undertaken.
3. A verification plan providing details of the data that will be collected to demonstrate that the works set out in the remediation strategy in (2) are complete and identifying any requirements for longer-term monitoring of pollutant linkages, maintenance, and arrangements for contingency action.

Any changes to these components require the written consent of the local planning authority. The scheme shall be implemented as approved.

Reason

To ensure that the development does not contribute to and is not put at unacceptable risk from or adversely affected by unacceptable levels of water pollution in line with paragraph 174 of the National Planning Policy Framework.

Condition

A scheme for managing any borehole installed for the investigation of soils, groundwater or geotechnical purposes shall be submitted to and approved in writing by the local planning authority. The scheme shall provide details of how redundant boreholes are to be decommissioned and how any boreholes that need to be retained, post-development, for monitoring purposes will be secured, protected, and inspected. The scheme as approved shall be implemented prior to the occupation of any part of the permitted development.

Reason

To ensure that redundant boreholes are safe and secure, and do not cause groundwater pollution or loss of water supplies in line with paragraph 174 of the National Planning Policy Framework and Position Statement J of [‘The Environment Agency’s approach to groundwater protection’](#).

Condition

Piling or any other foundation designs using penetrative methods shall not be permitted other than with the express written consent of the local planning authority, which may be given for those parts of the site where it has been demonstrated that there is no resultant unacceptable risk to groundwater. The development shall be carried out in accordance with the approved details.

Reason

To ensure that the proposed piling, does not harm groundwater resources in line with paragraph 174 of the National Planning Policy Framework and Position Statement J of the [‘The Environment Agency’s approach to groundwater protection’](#).

Condition

Prior to any part of the permitted development/each phase of development being brought into use, a verification report demonstrating the completion of works set out in the approved remediation strategy and the effectiveness of the remediation shall be submitted to, and approved in writing, by the local planning authority. The report shall include results of sampling and monitoring carried out in accordance with the approved verification plan to demonstrate that the site remediation criteria have been met.

Reason

To ensure that the site does not pose any further risk to the water environment by demonstrating that the requirements of the approved verification plan have been met and that remediation of the site is complete. This is in line with paragraph 174 of the National Planning Policy Framework.

Advice and Guidance to Applicant**Model Procedures and good practice**

This development site appears to have been the subject of past industrial activity which may pose a risk of pollution to controlled waters.

We recommend that you should:

- Follow the risk management framework provided in Guidance on Land contamination risk management (LCRM) [Land contamination risk management \(LCRM\) - GOV.UK \(www.gov.uk\)](#), when dealing with land affected by contamination
- Refer to our [Guiding principles for land contamination](#) for the type of information that we require in order to assess risks to controlled waters from the site - the local authority can advise on risk to other receptors, such as human health

- Consider using the [National Quality Mark Scheme for Land Contamination Management](#) which involves the use of competent persons to ensure that land contamination risks are appropriately managed
- Refer to the [contaminated land](#) pages on gov.uk for more information
- Refer to [‘The Environment Agency’s approach to groundwater protection’](#)

All investigations of land potentially affected by contamination should be carried out by or under the direction of a suitably qualified competent person and in accordance with BS 10175 (2001) Code of practice for the investigation of potentially contaminated sites.

Where the remediation / redevelopment of the site will involve waste management issues we offer the following advice:

Waste on-site

The CL:AIRE Definition of Waste: Development Industry Code of Practice (version 2) provides operators with a framework for determining whether excavated material arising from site during remediation and/or land development works is waste or has ceased to be waste. Under the Code of Practice:

- excavated materials that are recovered via a treatment operation can be reused on-site providing they are treated to a standard such that they are fit for purpose and unlikely to cause pollution
- treated materials can be transferred between sites as part of a hub and cluster project
- some naturally occurring clean material can be transferred directly between sites

Developers should ensure that all contaminated materials are adequately characterised both chemically and physically, and that the permitting status of any proposed on-site operations are clear. If in doubt, the Environment Agency should be contacted for advice at an early stage to avoid any delays.

We recommend that developers should refer to:

- the [position statement](#) on the Definition of Waste: Development Industry Code of Practice
- The [waste management](#) page on GOV.UK

Waste to be taken off-site

Contaminated soil that is (or must be) disposed of is waste. Therefore, its handling, transport, treatment, and disposal are subject to waste management legislation, which includes:

- Duty of Care Regulations 1991
- Hazardous Waste (England and Wales) Regulations 2005
- Environmental Permitting (England and Wales) Regulations 2016
- The Waste (England and Wales) Regulations 2011

Developers should ensure that all contaminated materials are adequately characterised both chemically and physically in line with British Standard BS EN 14899:2005 'Characterization of Waste - Sampling of Waste Materials - Framework for the Preparation and Application of a Sampling Plan' and that the permitting status of any proposed treatment or disposal activity is clear. If in doubt, the Environment Agency should be contacted for advice at an early stage to avoid any delays.

If the total quantity of hazardous waste material produced or taken off-site is 500kg or greater in any 12-month period, the developer will need to register with us as a hazardous waste producer. Refer to the [hazardous waste](#) pages on GOV.UK for more information.

Piling and Penetrative ground improvement methods:

Piling or any other foundation designs using penetrative methods can result in risks to potable supplies from, for example, pollution / turbidity, risk of mobilising contamination, drilling through different aquifers, and creating preferential pathways. Thus, it should be demonstrated that any proposed piling will not result in contamination of groundwater.

Dewatering

Dewatering is the removal/abstraction of water (predominantly, but not confined to, groundwater) to locally lower water levels near the excavation. This can allow operations to take place, such as mining, quarrying, building, engineering works or other operations, whether underground or on the surface. Any dewatering activities on-site could have an impact upon local wells, water supplies and/or nearby watercourses and environmental interests. This activity was previously exempt from requiring an abstraction licence. Since 1 January 2018, most cases of new planned dewatering operations above 20 cubic metres a day will require a water abstraction licence from us prior to the commencement of dewatering activities at the site. More information is available on gov.uk:

<https://www.gov.uk/guidance/water-management-apply-for-a-water-abstraction-or-impoundment-licence#apply-for-a-licence-for-a-previously-exempt-abstraction>.

Regulatory position statements

Discharges from dewatering to surface water or groundwater will require an Environmental Permit unless you can meet the conditions of the RPS or exemptions or exclusions for groundwater activities. The following Regulatory Position Statement will apply: 'Temporary dewatering from excavations to surface water.'

<https://www.gov.uk/government/publications/temporary-dewatering-from-excavations-to-surface-water>

Note to applicant

Should you wish us to review any technical documents or want further advice to address any of the environmental issues raised in this response, we may be able to do this as part of our charged for planning advice service. Further engagement will provide you with certainty of our position as to what our response to a planning application will be. It should also result in a better quality and more environmentally sensitive development.

As part of our charged for service we will provide a dedicated project manager to act as a single point of contact to help resolve any problems. We currently charge £100 per person per hour, plus VAT. We will provide you with an estimated cost for any further discussions or review of documents. Our standard terms and conditions are available to view online at www.gov.uk/government/publications/planning-and-marine-licenceadvice-standard-terms-for-our-charges/planning-and-marine-licence-advice-standardterms-for-our-charges.

If you would like more information on our planning advice service, including a cost estimate, please contact us at SPPlanning.RFH@environment-agency.gov.uk

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Should you have any queries regarding this response, then please do not hesitate to contact me.

Please forward a copy of this letter to the applicant.

Yours faithfully

Mrs. SYLVIA WHITTINGHAM
Planning Advisor

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