



**Cyfoeth
Naturiol
Cymru
Natural
Resources
Wales**

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Eich cyf/Your ref: P/2019/0832

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Wrexham County Borough Council
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25/11/2019

For the attention of Matthew Phillips

Dear Matthew,

**BWRIAD / PROPOSAL: DEMOLITION OF THE EXISTING APP CHEM
EXTENSION BUILDING AND CHANGE OF USE OF ADJOINING
BARNs TO PROVIDE MIXED BUSINESS USE (USE CLASSES B1
AND B8) WITH ASSOCIATED CAR PARKING
APP CHEM HUGMORE LANE LLAN Y PWLL WREXHAM**

LLEOLIAD / LOCATION: Barn 1, Holt Lodge Farm, Hugmore Lane, Llanypwll

Thank you for consulting Natural Resources Wales (NRW) about the above, which was received on 11/11/2019.

We have significant concerns with the proposed development as submitted. We recommend you should only grant planning permission if you attach the following conditions to the permission. Otherwise, we would object to this planning application. 5 conditions are listed in the text below for implementation.

Contaminated Land

The site is located on a Principal Aquifer and within a Source Protection Zone for a potable water supply. It is noted that the proposed development is on a site that has previously been used for commercial/industrial use, possibly involving the storage of

chemicals, with the potential for residual contamination. Therefore, additional information is required to confirm the previous use of the building. If contamination is considered to have occurred, then further site investigation will be needed.

Condition 1: No development shall commence until the following components of a scheme to deal with the risks associated with contamination at the site, has been submitted to and approved in writing by the Local Planning Authority.

1. A preliminary risk assessment which has identified:

- all previous uses
- potential contaminants associated with those uses
- a conceptual model of the site indicating sources, pathways and receptors
- potentially unacceptable risks arising from contamination at the site

2. A site investigation scheme, based on (1) to provide information for a detailed assessment of the risk to all receptors that may be affected, including those off site.

3. The results of the site investigation and the detailed risk assessment referred to in (2) 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.

4. A verification plan providing details of the data that will be collected in order to demonstrate that the works set out in the remediation strategy in (3) are complete and identifying any requirements for longer-term monitoring of pollutant linkages, maintenance and arrangements for contingency action.

The remediation strategy and its relevant components shall be carried out in accordance with the approved details.

Justification: To ensure the risks associated with contamination at the site have been fully considered prior to commencement of development as controlled waters are of high environmental sensitivity (site situated within a groundwater source protection zone); and where necessary remediation measures and long-term monitoring are implemented to prevent unacceptable risks from contamination.

Condition 2: Prior to the occupation of the development a verification report demonstrating 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. It shall also include a long-term monitoring and maintenance plan for longer-term monitoring of pollutant linkages, maintenance and arrangements for contingency action, as identified in the verification plan. The long-term monitoring and maintenance plan shall be carried out in accordance with the approved details.

Justification: To ensure the methods identified in the verification plan have been implemented and completed and the risk associated with the contamination at the site has been remediated prior to occupation or operation, to prevent both future

users of the land and neighbouring land are minimised, together with those to controlled waters, property and ecological systems, and to ensure that the development can be carried out safely without unacceptable risks to workers, neighbours and other offsite receptors.

Condition 3: Prior to the occupation of the development, a long term monitoring plan for land contamination shall be submitted and approved in writing by the Local Planning Authority. The long term monitoring plan should include:

- Details of the methods and triggers for action to be undertaken
- Timescales for the long term monitoring and curtailment mechanisms e.g. a scheme of monitoring for 3 years unless the monitoring reports indicate that subsequent monitoring is or is not required (for x years)
- Timescales for submission of monitoring reports to the LPA e.g. annually
- Details of any necessary contingency and remedial actions and timescales for actions
- Details confirming that the contingency and remedial actions have been carried out.

The monitoring plan shall be carried out in accordance with the approved details, within the agreed timescales.

Justification: A long term monitoring plan should be submitted prior to occupation or operation, to ensure necessary monitoring measures are approved to manage any potential adverse impacts as a result of development on controlled waters.

Condition 4: If, during development, contamination not previously identified is found to be present at the site then no further development (unless otherwise agreed in writing with the Local Planning Authority) shall be carried out until a remediation strategy detailing how this unsuspected contamination shall be dealt with has been submitted to and approved in writing by the Local Planning Authority. The remediation strategy shall be carried out as approved.

Justification: To ensure the risks associated with previously unsuspected contamination at the site are dealt with through a remediation strategy, to minimise the risk to both future users of the land and neighbouring land, and to ensure that the development can be carried out safely without unacceptable risks.

These conditions have been recommended as Natural Resources Wales is satisfied that there are generic remedial options available to deal with the risks to controlled waters posed by contamination at this site. However, further details will be required in order to ensure that risks are appropriately addressed prior to development commencing.

In line with the advice given in Planning Policy Wales we understand that the Authority must decide whether to obtain such information prior to determining the application or as a condition of the permission. Should the LPA decide to obtain the necessary information under condition we would request that this condition is applied.

Foul and Surface Water Drainage

The site is located on a Principal Aquifer and within a Source Protection Zone for a potable water supply. There is no information on site drainage and how it will be collected and disposed. Considering the sensitivity of the site additional drainage details are required.

Condition 5: No development shall commence until a drainage scheme has been submitted to and approved in writing by the Local Planning Authority. The drainage scheme shall cover the:

- Disposal of foul drainage
- Disposal of surface water drainage

The drainage scheme shall be carried out in accordance with the approved details.

Justification: A drainage scheme should be submitted to ensure necessary measures are approved prior to commencement of development or phase of development and implemented to prevent the deterioration of water quality within a sensitive site.

Protected Species

We note that there is no information about protected species with the application and, therefore, are assuming that your Authority has screened the application and concluded that there is not a reasonable likelihood of protected species being present.

Other Matters

Our comments above only relate specifically to matters included on our checklist, *Development Planning Advisory Service: Consultation Topics* (September 2018), which is published on our [website](#). We have not considered potential effects on other matters and do not rule out the potential for the proposed development to affect other interests, including environmental interests of local importance.

We advise the applicant that, in addition to planning permission, it is their responsibility to ensure they secure all other permits/consents/licences relevant to their development. Please refer to our [website](#) for further details.

Advice for the Developer:

Contaminated Land

Natural Resources Wales recommends that developers should:

1. Follow the risk management framework provided in CLR11, Model Procedures for the Management of Land Contamination, when dealing with land affected by contamination.

Refer to the Environment Agency's '[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.

Refer to the [Environment Agency's \(2018\) 'Approach to Groundwater Protection'](#)

The treatment and disposal of contaminated soils and groundwater is regulated by waste legislation and requires an environmental permit.

Excavated materials that are recovered via a treatment operation can be re-used on-site under the [CL:AIRE Definition of Waste: Development Industry Code of Practice](#). This voluntary Code of Practice provides a framework for determining whether or not excavated material arising from site during remediation and/or land development works are waste.

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, Natural Resources Wales should be contacted for advice at an early stage to avoid any delays.

Pollution Prevention

All works at the site must be carried out in accordance with PPG6: 'Working at construction and demolition sites' which is available on the following website: <http://www.netregs.org.uk/environmental-topics/pollution-prevention-guidelines-ppgs-and-replacement-series/guidance-for-pollution-prevention-gpps-full-list/>

Yn gywir / Yours faithfully,

Daniel Davies

Daniel Davies

Cynghorydd, Cynllunio Datblygu / Advisor, Development Planning

Cyfoeth Naturiol Cymru / Natural Resources Wales