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12/05/2020

Annwyl Syr/Madam / Dear Sir/Madam,

BWRIAD / PROPOSAL: INSTALLATION OF A 6.2MW CONTAINERISED GROUND SOURCE HEAT PUMP SYSTEM TOGETHER WITH 40 NO. 100M DEEP BOREHOLES.

LLEOLIAD / LOCATION: KEPAK GROUP LTD, PENGARNDDU INDUSTRIAL ESTATE

Thank you for consulting Cyfoeth Naturiol Cymru / Natural Resources Wales about the above, which we received on 27/04/2020.

We have no objection to the proposed development as submitted and provide the following advice for the Applicant with regards to permits and licences.

The Dowlais Slaughterhouse is regulated under the Environmental Permitting Regulations (2016 as amended), and as such, the above proposals may require a permit variation.

From the information submitted it is not known if the proposed ground sources heating and cooling system will be an open loop or closed loop scheme. We advise you to consider the relevant guidance (link below). Whilst this information relates to England, the principles are similar for Wales and a similar process is followed. <https://www.gov.uk/guidance/open-loop-heat-pump-systems-permits-consents-and-licences>

For open loop systems, where the abstraction of groundwater is greater than 20 m³/day from the wellfield, a Water Resources Licence will be required and, dependent on the reinjection method, volumes and temperature difference, an Environmental Permit (Groundwater Activity) will be required. Please contact our Water Resources and Water Quality Permitting Teams for more information, however, below are some useful links.

WRC form - <https://naturalresourceswales.gov.uk/permits-and-permissions/water-abstraction-and-impoundment/what-to-do-before-applying-for-a-water-abstraction-or-impoundment-licence/?lang=en> – form and guidance are at the bottom of the webpage.

Water Resources Abstraction Licence - <https://naturalresourceswales.gov.uk/permits-and-permissions/water-abstraction-and-impoundment/apply-for-a-water-abstraction-or-impoundment-licence/?lang=en>

Reinjection - <https://naturalresourceswales.gov.uk/permits-and-permissions/water-discharges-and-septic-tanks/discharges-to-surface-water-and-groundwater/water-discharge-and-groundwater-activity-exemptions/?lang=en> – please note if using an exemption then this will need to be registered; forms included in link at bottom of webpage.

The Applicant should note that any grant of planning permission does not guarantee that other permits and licences will be granted. The applicant is therefore advised to hold discussions with relevant teams (0300 065 3000) at the earliest opportunity, to try to ensure that there is no conflict between any planning permission granted and permit/licence requirements.

The Applicant should ensure that they have all the required permissions, consents, permits and any other approvals in place prior to commencement of works on the site.

Waste produced during construction

Waste produced during the construction phase of the development must be dealt with appropriately, and be in line with all relevant waste legislation including Duty of Care Regulations and Hazardous Waste Regulations. As part of your waste duty of care the Developer must classify the waste produced:

- before it is collected, disposed of or recovered
- to identify the controls that apply to the movement of the waste
- to complete waste documents and records
- to identify suitably authorised waste management options
- to prevent harm to people and the environment.

Any waste removed from site will be subject to waste management controls. The links below provided information on how to classify waste and register as a waste carrier or hazardous waste producer:

Further guidance can be found on the GOV website here: <https://www.gov.uk/managing-your-waste-an-overview/duty-of-care>

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.

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.

If you have any queries on the above, please do not hesitate to contact us.

Yn gywir / Yours faithfully

Annabelle Evans

Cynghorydd - Cynllunio Datblygu / Advisor - Development Planning
Cyfoeth Naturiol Cymru / Natural Resources Wales