

Water Services Planning Report

Register Reference No.: *SD21A/0167 Clarification of AI*
Development: Construction of a gas fired power plant with an electrical output of up to 125MW with associated balance of plant, equipment and buildings including; an Engine Hall building with a height of 18.9m, comprising 6 gas engines and ancillary infrastructure; an Electrical Annex Building with a height of 18.7m; a Workshop building with a height of 5.1m; a Tank Farm building with a height of 5.68m; a Security hut with a height of 3.27m; an Exhaust Stack with a height of 31.8m; a Gas AGI including a kiosk with height of 3.3m; Radiator Coolers with a height of 8.46m; 2 electrical transformers with a height of 4.98m; Tanks including 2 x Diesel Oil Storage Tanks (volume of 2500m³ combined); SCR Urea Tank (26m³); Lube Oil Storage Tank (26m³); Lube Oil Maintenance Tank (26m³); Pilot Oil Tank (26m³); Fire Water Storage Tank (1000m³); Effluent Collecting Tank (26m³); Underground Surface Water Attenuation Tank (490m³); 2 new access onto the existing private road network with Profile Park; 12 parking spaces, footpaths, landscaping; fencing and all other associated site development plant and equipment and other works including surface water and foul wastewater drainage.

Location: Profile Park, Baldonnel, Dublin 22
Report Date : 10th June 2022

Surface Water Report:

No Objection Subject To:

- 1.1 Prior to commencement of development submit a drawing showing where and how surface water discharge from site will be limited to a maximum of 3.8 litres/second.
- 1.2 All fuel storage proposals on site shall comply with the Greater Dublin Regional Code of Practice for Drainage Works Section 17. All process water and any effluent from the development shall not discharge to the surface water drainage network.

Flood Risk Report:

No Objection Subject To:

- The Developer shall ensure that there is complete separation of the foul and surface water drainage for the proposed development.
 - All new precast surface water manholes shall have a minimum thickness surround of 150mm Concrete Class B.
 - All works for this development shall comply with the requirements of the Greater Dublin Regional Code of Practice for Drainage Works.
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Water Report:

Referred to IW

Foul Drainage Report:

Referred to IW

Signed: _____
 Brian Harkin SEE

Date: _____

Endorsed: _____

Date: _____