

# Attachment E

## Emissions

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## **E.1 Emissions to Atmosphere.**

Emissions to Atmosphere incorporate Dust, Odours, Engine Emissions from CHP and Road Vehicles.

In the Supporting EIS accompanying this application, emissions are assessed in Section 3.5, 5.3, 6.5, 6.6 and Section 7.

Also Drawing No 003-2 WL shows the locations of the emission monitoring points.

## **E.2 Emissions to Surface Water**

Emissions to Surface Waters are from two sources within the facility: (i) from the roofs of the buildings and structures which are ducted through Monitoring Point SW1 NS (ii) paved yard areas which are ducted separately to an Integrated Constructed Wetlands

In the Supporting EIS accompanying this application, emissions are assessed in Section 3.5, 6.4, and Section 7

Also Drawing No 003-2 WL shows the locations of the stormwater monitoring points SW1 & SW2.

## **E.3 Emissions to Sewers**

There will be no discharges to sewers from the facility. This is due to the fact that discharges from the staff facilities will be directed to the reception tank for the biogas process and waste generated from the facility will be pasteurised and processed through the Biogas Plant.

## **E.4 Emissions to Groundwater**

There will be no discharges of any emissions to groundwater on this site. The surface water from the roofed buildings and paved yards will be routed to the constructed wetlands as explained in E.2 above.

## E.5 Noise Emissions

Noise related emissions as a result of activities at the facility will be limited to that arising from the operation of the generator and the Combined Heat and Power Unit (CHP). The CHP Unit will be housed within a sound proof enclosure, specifically constructed for this purpose helping to contain any nuisance noise. The generator and all other components of the facility will also be housed in sound proofed buildings. These noise emissions should not be an issue outside of the site boundary.

Sections 5.3.4, 6.10, 7.3 and 7.14 of the Environmental Impact Statement deal with the issues of noise.

## E.6 Tabular Data on Emission Points

| <b>Point Code</b> | <b>Point Type</b> | <b>Easting</b> | <b>Northing</b> | <b>Verified</b>     | <b>Emission</b>  |
|-------------------|-------------------|----------------|-----------------|---------------------|------------------|
| SW1               | SW=Surface Water  | 146422.36      | 42476.26        | N = GPS<br>not used | H <sub>2</sub> O |
| SW2               | SW=Surface Water  | 146662.41      | 42723.32        | N = GPS<br>not used | H <sub>2</sub> O |

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