



SELOXIUM

Point Source Emissions

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Seloxium Limited

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1 Emissions to air, water and land

Tell us about every point source emission to air, water or land from your waste operation.

You must create a new table for each waste operation.

[Read more guidance about emissions](#)

Give us the details of each point source emission

You can reference another document you've uploaded (or will upload) that contains the information we need, which is listed in the table below:

Document reference: SLXDOC-04-EA-B2-6 Environmental Risk Assessment

Or you can fill in this table:

Name of the waste operation		Seloxium Ltd – Wilton Site Waste Processing		
Point source emissions to air				
Emission point reference and location	Source	Parameter	Amount	Unit
V1 Innovation Accelerator shared vent including Pod 8 vent streams. See Plot Plan in SLXDOC-04-EA-B2-6 Environmental Risk Assessment. There is no normal flow to the ventilation system. If the system requires venting, then this is via a condenser set a 3°C. The areas linked to this vent area primarily used for lab activities, but if larger work is undertaken it will be used for metal adsorption activities as per SLXDOC-04-EA-PFD Typical Batch CSTR Processing.	Vent from adsorption process equipment and Local Exhaust Ventilation system.	Volatile Organic Compound (VOC) Total	Annual mean of 160 mg/m ³ and one hour mean concentration to 320 mg/m ³ .	mg/m ³
V2 TS Cleanroom Vent. See Plot Plan in IEXTL-EA-B2-6 Environmental Risk Assessment. There is no normal flow to the ventilation system. If the system requires venting, then this is via a condenser set a 3°C. The area associated with this vent is used for metal adsorption activities as per SLXDOC-04-EA-PFD Typical Batch CSTR Processing.	Vent from adsorption process equipment and Local Exhaust Ventilation system.	Volatile Organic Compound (VOC) Total	Annual mean of 160 mg/m ³ and one hour mean concentration to 320 mg/m ³ .	mg/m ³

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Point source emissions to water (other than sewers)				
Emission point reference and location	Source	Parameter	Amount	Unit
N/A				
Point source emissions to sewers, effluent treatment plants or other transfers off site				
Emission point reference and location	Source	Parameter	Amount	Unit
Transfer of processed waste offsite.	All process units.	Hazardous Lq. Waste	0.7	Tonnes/day (Ave.)
Point source emissions to land				
Emission point reference and location	Source	Parameter	Amount	Unit
N/A				

Guide to table info

- Emission point reference and location:** Give us a unique reference for each emission point and a description of the location, including the site plan reference that shows the emission point.
For example: Emission point A1 from the roof of the building (ST 58201 72717), as shown on the site plan "Emission Point Plan 1".
- Source:** Tell us the origin of the emission.
For example: an emission to air could be 'CHP engine 1' and an emission to water could be 'Uncontaminated site surface water from roofs and non-operational areas'.
- Parameter:** Tell us the substances and characteristics that will be present in the emission.
For example: an emission to air could contain NO₂ (oxides of nitrogen) and SO₂ (sulphur

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dioxide), or an emission to water could have a BOD (biochemical oxygen demand) or pH range.

4. **Amount:** The maximum amount justified by the risk assessment.
5. **Unit:** Provide the unit of measurement for the parameter.
For example: mg/m³