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:

Or you can fill in this table:

Name of the waste operation	**Blandford Waste Management Centre**			
Point source emissions to air				
Emission point reference and location	**Source**	**Parameter**	**Amount**	**Unit**
Outlet for the air filtration system from the Barn see drawing no 1553	From the Barn building	Dust	Limit will be if can be seen ie visual monitoring	n/a
		Odour	Limit will be if it can be detected with olfactory monitoring	n/a
Point source emissions to water (other than sewers)				
Emission point reference and location	**Source**	**Parameter**	**Amount**	**Unit**
Outlet from the Suds drainage lagoon to highway drain see drawing nos 70076888-WSP-00-XX-DR-C-204 and 205, updated to 206	EQS	pH	6-9	pH units
	Half DWS	Electrical Conductivity	1250	uS/cm
	DWS	aluminium	200	ug/l
	DWS	antimony	5	ug/l
	Double MRV/LOD*	Arsenic	1	ug/l
	DWS	boron	1000	ug/l
	DWS	cadmium	5	ug/l
	Double MRV/LOD*	chromium	2	ug/l
	DWS	copper	2000	ug/l
	DWS	iron	200	ug/l
	Double MRV/LOD*	lead	0.4	ug/l
	DWS	manganese	50	ug/l
	Double MRV/LOD*	mercury	0.02	ug/l
	DWS	molybdenum	70	ug/l
	DWS	nickel	20	ug/l
	DWS	selenium	10	ug/l
	DWS	Nitrate (NO3)	50000	ug/l
	DWS	Chloride	250000	ug/l
	DWS	Sulphate	250000	ug/l

	Double MRV/LOD*	TPH (total aliphatic and aromatic >EC5-EC35)	20	ug/l
	Double MRV/LOD*	PAH total 16	0.2	ug/l
	Double MRV/LOD*	Benzene	2	ug/l
	Double MRV/LOD*	toluene	8	ug/l
	Double MRV/LOD*	ethylbenzene	2	ug/l
	Double MRV/LOD*	xylene	6	ug/l
	DWS	MTBE	0.015	ug/l
Point source emissions to sewers, effluent treatment plants or other transfers off site				
Emission point reference and location	**Source**	**Parameter**	**Amount**	**Unit**
Sewer from the foul drainage system only	**n/a**	**n/a**	**n/a**	**n/a**
	Domestic site facilities to existing Wessex Water foul sewer.			
Point source emissions to land				
Emission point reference and location	**Source**	**Parameter**	**Amount**	**Unit**
Outlet from the Suds drainage lagoon to highway drain which then discharges to land see drawing nos 70076888-WSP-00-XX-DR-C-204 and 205, updated to 206	EQS	pH	6-9	pH units
	Half DWS	Electrical Conductivity	1250	uS/cm
	DWS	aluminium	200	ug/l
	DWS	antimony	5	ug/l
	Double MRV/LOD*	Arsenic	1	ug/l
	DWS	boron	1000	ug/l
	DWS	cadmium	5	ug/l
	Double MRV/LOD*	chromium	2	ug/l
	DWS	copper	2000	ug/l
	DWS	iron	200	ug/l
	Double MRV/LOD*	lead	0.4	ug/l
	DWS	manganese	50	ug/l
	Double MRV/LOD*	mercury	0.02	ug/l
	DWS	molybdenum	70	ug/l
	DWS	nickel	20	ug/l
	DWS	selenium	10	ug/l
	DWS	Nitrate (NO3)	50000	ug/l
	DWS	Chloride	250000	ug/l
	DWS	Sulphate	250000	ug/l
	Double MRV/LOD*	TPH (total aliphatic and aromatic >EC5-EC35)	20	ug/l
	Double MRV/LOD*	PAH total 16	0.2	ug/l
	Double MRV/LOD*	Benzene	2	ug/l
	Double MRV/LOD*	toluene	8	ug/l

	Double MRV/LOD*	ethylbenzene	2	ug/l
	Double MRV/LOD*	xylene	6	ug/l
	DWS	MTBE	0.015	ug/l

* In recognition of the prevent obligations for hazardous substances under the Water Framework Directive, the minimum reporting value (MRV) / limit of detection (LOD) has been adopted. This has been doubled acknowledging the discharge point is not directly into groundwater but a transport pathway exists along the highway drainage and unsaturated zone (between the discharge to ground and the water table) allowing further attenuation of these substances (if present) before they reach the water table.

Guide to table info

1. **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".

2. **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'.

3. **Parameter:** Tell us the substances and characteristics that will be present in the emission.
   For example: an emission to air could contain NO_2 (oxides of nitrogen) and SO_2 (sulphur 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/m^3