

## Releases from the Licensed Site in the year 2021

### Releases into the Air

Substance	Mass released (kg)			
	Release point A1	Release point A2	Fugitives	Site total
Particulate matter	51.36	0.153617309	-	51.52
VOCs (as TOC)	147.52	0.08	-	147.60
Carbon dioxide	51966000	1556000	-	53522000
Hydrogen chloride	1370.83	0.35	-	1371.18
Hydrogen fluoride	0.00	0.03	-	0.03
Carbon monoxide	1689.1	0.06	-	1689.11
Sulphur dioxide	3746.77	1.21	-	3747.99
Nitrogen oxides (as NO2)	35349.89	12.24	-	35362.12
Ammonia	18.34	0.00	-	18.34
Cadmium	0.11	0.000	-	0.11
Thallium	0.083	0.0000	-	0.083
Mercury	0.15	0.000	-	0.15
Antimony	0.111	0.0001	-	0.111
Arsenic	0.12	0.0001	-	0.12
Chromium	7.50	0.001	-	7.5
Cobalt	0.23	0.0001	-	0.23
Copper	1.04	0.000	-	1.04
Lead	1.38	0.000	-	1.38
Manganese	0.41	0.000	-	0.41
Nickel	0.56	0.000	-	0.56
Vanadium	0.069	0.0000	-	0.07
PAHs	0.24	0.00	-	0.24
Dioxin-like PCBs	2.26225E-07	7.24244E-11	-	2.26298E-07
Dioxins + Furans	1.84552E-06	9.58231E-10	-	1.84648E-06

### Releases into Water

Substance	Mass released (kg)			
	Release point W1	Release point W2	Fugitives	Site total
Suspended solids	42.705	375.1275	-	417.8
BOD	60.882	-	-	60.882
COD	-	157.55	-	157.55