

Facility Report

Information for Incinérateur

Reporting year	2020
Company	Ville de Québec
Facility	Incinérateur
NPRI ID	211
Address	900 Industrielle Québec Quebec G1J 3V9 Canada

Facility details

Business number	144247350
Number of employees	50
Contact information	Cécile Cognet Position: Phone: 418-641-6411 Ext: 2957 Email: cecile.cognet@ville.quebec.qc.ca
Parent company	N/A
Typical days of operation	mon/tue/wed/thu/fri/sat/sun
Operating hours	24
Start time	00:00
Shutdown periods	N/A
Activities	

Report details

Type	NPRI Inventory
Other years' reports	NPRI Inventory: 2021, 2019, 2018, 2017, 2016, 2015, 2014, 2013, 2012, 2011, 2010, 2009, 2008, 2007, 2006, 2005, 2004, 2003, 2002, 2001, 2000, 1999, 1998, 1997
Facility comments	N/A
Other comments for the facility	N/A
Report comments	N/A

Geographical details

Latitude	46.828385
Longitude	-71.220097
Datum	1983
Census sub-division	Québec
Census division	Québec
Economic area	Capitale-Nationale

Census metropolitan and agglomeration area	Québec
Ecozone	MixedWood Plain
Major drainage area	St. Lawrence Drainage Area

Industry details

Key industrial sector	Waste Treatment and Disposal
NAICS2	56 - Administrative and support, waste management and remediation services
NAICS4	5622 - Waste treatment and disposal
NAICS6	562210 - Waste treatment and disposal

Pollution prevention

Plan details

Does the facility have a P2 plan?	The facility does not have a P2 plan
Reason for plan preparation	
Recent update	The report was not updated during the reporting year
Target of plan	

Activities

Primary activity	Secondary activity	Comment
Equipment or Process Modifications		Installation de brûleurs au gaz naturel sur l'un des quatre fours.
Other Pollution Prevention Activities		Installation de brûleurs au gaz naturel sur l'un des quatre fours

Other environmental programs

Other facility identifiers

ID number	Program
G10582	GHGRP Identification Number

Permits

Permit number	Issuing Agency
L.R.Q., c. Q-2,	Environnement Québec
L.R.Q., c. Q-2,	Environnement Québec

Summary

Substance	CAS number	Units ¹	Releases				Disposals and Transfers				Voluntary Report
			Air	Water	Land	Total ²	On-site disposals ³	Off-site disposals	Off-site treatment	Off-site recycling	
Carbon monoxide	630-08-0	tonnes	196.67	-	-	196.67	-	-	-	-	true
Dioxins and furans - total	NA - D/F	g TEQ	0.0146	-	-	0.0146	-	-	-	-	true
Hexachlorobenzene	118-74-1	grams	27.1	-	-	27.1	-	-	-	-	true
Hydrochloric acid	7647-01-0	tonnes	37.53	-	-	37.53	-	-	-	-	true
Lead (and its compounds)	NA - 08	kg	1.7	-	-	1.7	-	-	-	-	true
Mercury (and its compounds)	NA - 10	kg	0.7	-	-	0.7	-	-	-	-	true
Nitrogen oxides (expressed as nitrogen dioxide)	11104-93-1	tonnes	352.9	-	-	352.9	-	-	-	-	true
PM10 - Particulate Matter <= 10 Micrometers	NA - M09	tonnes	11.12	-	-	11.12	-	-	-	-	true
PM2.5 - Particulate Matter <= 2.5 Micrometers	NA - M10	tonnes	11.12	-	-	11.12	-	-	-	-	true
Sulphur dioxide	7446-09-5	tonnes	22.23	-	-	22.23	-	-	-	-	true
Volatile Organic Compounds (VOCs)	NA - M16	tonnes	7.9	-	-	7.9	-	-	-	-	true

Footnote 1

Units: tonnes; kg (kilograms); g (grams); g TEQ (grams of Toxic Equivalent)

Footnote 2

Total releases include releases to air, water, land and unspecified media (less than one tonne).

Footnote 3

As of the 2006 reporting year, the Disposal columns include information on tailings and waste rock disposals. Negative numbers are possible for on-site disposal of tailings and waste rock, which would reflect a net removal of the substances from the tailings or waste rock management area.

Releases to air

Substance	CAS number	Units	Stack/Point	Storage/Handling	Fugitive	Spills	Road Dust	Other	Total
Carbon monoxide	630-08-0	tonnes	196.67	-	-	-	-	-	196.67
Dioxins and furans - total	NA - D/F	g TEQ	0.0146	-	-	-	-	-	0.0146
Hexachlorobenzene	118-74-1	grams	27.1	-	-	-	-	-	27.1
Hydrochloric acid	7647-01-0	tonnes	37.53	-	-	-	-	-	37.53
Lead (and its compounds)	NA - 08	kg	1.7	-	-	-	-	-	1.7

Substance	CAS number	Units	Stack/Point	Storage/Handling	Fugitive	Spills	Road Dust	Other	Total
Mercury (and its compounds)	NA - 10	kg	0.7		-	-	-	-	0.7
Nitrogen oxides (expressed as nitrogen dioxide)	11104-93-1	tonnes	352.9		-	-	-	-	352.9
PM10 - Particulate Matter <= 10 Micrometers	NA - M09	tonnes	11.12		-	-	-	-	11.12
PM2.5 - Particulate Matter <= 2.5 Micrometers	NA - M10	tonnes	11.12		-	-	-	-	11.12
Sulphur dioxide	7446-09-5	tonnes	22.23		-	-	-	-	22.23
Volatile Organic Compounds (VOCs)	NA - M16	tonnes	7.9		-	-	-	-	7.9

Releases to water

No reported data

Releases to land

No reported data

Releases to unspecified media (less than one tonne) ⁴

No reported data

Footnote 4

The NPRI allows for reporting of releases of Part 1A substances as an aggregated total for all media, where the total release quantity is less than one tonne. This approach is only allowed for Part 1A substances.

On-site disposals

No reported data

Off-site disposals

No reported data

Transfers for off-site treatment prior to final disposal

No reported data

Transfers for off-site recycling

No reported data

Other years data

Year	CAS number	Substance	Units	Releases				Disposals and Transfers			
				Air	Water	Land	Total	On-site disposals	Off-site disposals	Off-site treatment	Off-site recycling

Year	CAS number	Substance	Units	Releases				Disposals and Transfers			
				Air	Water	Land	Total	On-site disposals	Off-site disposals	Off-site treatment	Off-site recycling
2021	630-08-0	Carbon monoxide	tonnes	52.7	-	-	52.7	-	-	-	-
2019	630-08-0	Carbon monoxide	tonnes	132.65	-	-	132.65	-	-	-	-
2018	630-08-0	Carbon monoxide	tonnes	84.6962	-	-	84.6962	-	-	-	-
2017	630-08-0	Carbon monoxide	tonnes	150.5	-	-	150.5	-	-	-	-
2016	630-08-0	Carbon monoxide	tonnes	115.8	-	-	115.8	-	-	-	-
2015	630-08-0	Carbon monoxide	tonnes	98.4	-	-	98.4	-	-	-	-
2014	630-08-0	Carbon monoxide	tonnes	100.6	-	-	100.6	-	-	-	-
2013	630-08-0	Carbon monoxide	tonnes	117.1	-	-	117.1	-	-	-	-
2012	630-08-0	Carbon monoxide	tonnes	149.8	-	-	149.8	-	-	-	-
2011	630-08-0	Carbon monoxide	tonnes	174.1	-	-	174.1	-	-	-	-
2010	630-08-0	Carbon monoxide	tonnes	178.8	-	-	178.8	-	-	-	-
2009	630-08-0	Carbon monoxide	tonnes	169	-	-	169	-	-	-	-
2008	630-08-0	Carbon monoxide	tonnes	384	-	-	384	-	-	-	-
2007	630-08-0	Carbon monoxide	tonnes	878.9	-	-	878.9	-	-	-	-
2006	630-08-0	Carbon monoxide	tonnes	665	-	-	665	-	-	-	-
2005	630-08-0	Carbon monoxide	tonnes	643.2	-	-	643.2	-	-	-	-
2004	630-08-0	Carbon monoxide	tonnes	654.8	-	-	654.8	-	-	-	-
2003	630-08-0	Carbon monoxide	tonnes	771.7	-	-	771.7	-	-	-	-
2002	630-08-0	Carbon monoxide	tonnes	662.7	-	-	662.7	-	-	-	-
2019	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0	-	204	-	-
2018	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0	-	219	-	-
2017	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0	224	-	-	-
2016	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0	-	226	-	-
2015	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0	-	206	-	-
2012	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0	-	262	-	-
2011	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0	-	261.67	-	-
2010	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0	-	261.67	-	-
2009	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0	-	235.28	-	-
2008	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0	-	34.7	-	-
2007	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0	-	42.15	-	-
2006	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0	-	42.15	-	-
2005	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0	-	39.35	6.85	-

Year	CAS number	Substance	Units	Releases				Disposals and Transfers			
				Air	Water	Land	Total	On-site disposals	Off-site disposals	Off-site treatment	Off-site recycling
2004	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0	-	34.6	2.37	-
2003	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0	-	35	0.67	-
2002	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0	-	34	-	-
2001	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0	-	32.61	-	-
2021	NA - D/F	Dioxins and furans - total	g TEQ	0.086	-	-	0.086	-	-	-	-
2019	NA - D/F	Dioxins and furans - total	g TEQ	0.0162	-	-	0.0162	-	-	-	-
2018	NA - D/F	Dioxins and furans - total	g TEQ	0.011	-	-	0.011	-	-	-	-
2017	NA - D/F	Dioxins and furans - total	g TEQ	0.5128	-	-	0.5128	-	-	-	-
2016	NA - D/F	Dioxins and furans - total	g TEQ	0.0605	-	-	0.0605	-	-	-	-
2015	NA - D/F	Dioxins and furans - total	g TEQ	0.013	-	-	0.013	-	-	-	-
2014	NA - D/F	Dioxins and furans - total	g TEQ	0.0152	-	-	0.0152	-	-	-	-
2013	NA - D/F	Dioxins and furans - total	g TEQ	0.0029	-	-	0.0029	-	-	-	-
2012	NA - D/F	Dioxins and furans - total	g TEQ	0.0328	-	-	0.0328	-	-	-	-
2011	NA - D/F	Dioxins and furans - total	g TEQ	0.033	-	-	0.033	-	-	-	-
2010	NA - D/F	Dioxins and furans - total	g TEQ	0.0323	-	-	0.0323	-	-	-	-
2009	NA - D/F	Dioxins and furans - total	g TEQ	0.041	-	-	0.041	-	-	-	-
2008	NA - D/F	Dioxins and furans - total	g TEQ	1.0278	-	-	1.0278	-	-	-	-
2007	NA - D/F	Dioxins and furans - total	g TEQ	0.1117	-	-	0.1117	-	-	-	-
2006	NA - D/F	Dioxins and furans - total	g TEQ	0.072	-	-	0.072	-	-	-	-
2005	NA - D/F	Dioxins and furans - total	g TEQ	0.083	-	-	0.083	-	-	-	-
2004	NA - D/F	Dioxins and furans - total	g TEQ	0.02	-	-	0.02	-	20.5	0.013	-
2003	NA - D/F	Dioxins and furans - total	g TEQ	0.04	-	-	0.04	-	20.515	8.371	-
2002	NA - D/F	Dioxins and furans - total	g TEQ	0.039	-	-	0.039	-	28.9	-	-
2001	NA - D/F	Dioxins and furans - total	g TEQ	1.706	-	-	1.706	-	21.37	-	-

Year	CAS number	Substance	Units	Releases				Disposals and Transfers			
				Air	Water	Land	Total	On-site disposals	Off-site disposals	Off-site treatment	Off-site recycling
2000	NA - D/F	Dioxins and furans - total	g TEQ	0.03	-	-	0.03	-	1.67	-	-
2021	118-74-1	Hexachlorobenzene	grams	27.6	-	-	27.6	-	-	-	-
2019	118-74-1	Hexachlorobenzene	grams	53.6	-	-	53.6	-	-	-	-
2018	118-74-1	Hexachlorobenzene	grams	56.1	-	-	56.1	-	-	-	-
2017	118-74-1	Hexachlorobenzene	grams	79	-	-	79	-	-	-	-
2016	118-74-1	Hexachlorobenzene	grams	129	-	-	129	-	-	-	-
2015	118-74-1	Hexachlorobenzene	grams	46	-	-	46	-	-	-	-
2014	118-74-1	Hexachlorobenzene	grams	61	-	-	61	-	-	-	-
2013	118-74-1	Hexachlorobenzene	grams	53	-	-	53	-	-	-	-
2012	118-74-1	Hexachlorobenzene	grams	131	-	-	131	-	-	-	-
2011	118-74-1	Hexachlorobenzene	grams	308	-	-	308	-	-	-	-
2010	118-74-1	Hexachlorobenzene	grams	148.053	-	-	148.053	-	-	-	-
2009	118-74-1	Hexachlorobenzene	grams	299	-	-	299	-	-	-	-
2008	118-74-1	Hexachlorobenzene	grams	370	-	-	370	-	-	-	-
2007	118-74-1	Hexachlorobenzene	grams	930	-	-	930	-	-	-	-
2006	118-74-1	Hexachlorobenzene	grams	865	-	-	865	-	-	-	-
2005	118-74-1	Hexachlorobenzene	grams	-	-	-	0	-	-	-	-
2004	118-74-1	Hexachlorobenzene	grams	200.2	-	-	200.2	-	-	-	-
2003	118-74-1	Hexachlorobenzene	grams	306.3	-	-	306.3	-	-	-	-
2002	118-74-1	Hexachlorobenzene	grams	-	-	-	0	-	-	-	-
2001	118-74-1	Hexachlorobenzene	grams	8,108.4	-	-	8,108.4	-	-	-	-
2000	118-74-1	Hexachlorobenzene	grams	8,000	-	-	8,000	-	-	-	-
2021	7647-01-0	Hydrochloric acid	tonnes	48.34	-	-	48.34	-	-	-	-
2019	7647-01-0	Hydrochloric acid	tonnes	36.66	-	-	36.66	-	-	-	-
2018	7647-01-0	Hydrochloric acid	tonnes	26.02	-	-	26.02	-	-	-	-
2017	7647-01-0	Hydrochloric acid	tonnes	52.8	-	-	52.8	-	-	-	-
2016	7647-01-0	Hydrochloric acid	tonnes	51.6	-	-	51.6	-	-	-	-
2015	7647-01-0	Hydrochloric acid	tonnes	46.4	-	-	46.4	-	-	-	-
2014	7647-01-0	Hydrochloric acid	tonnes	45.8	-	-	45.8	-	-	-	-
2013	7647-01-0	Hydrochloric acid	tonnes	53.4	-	-	53.4	-	-	-	-
2012	7647-01-0	Hydrochloric acid	tonnes	56.2	-	-	56.2	-	-	-	-
2011	7647-01-0	Hydrochloric acid	tonnes	50.6	-	-	50.6	-	-	-	-
2010	7647-01-0	Hydrochloric acid	tonnes	71.3	-	-	71.3	-	-	-	-
2009	7647-01-0	Hydrochloric acid	tonnes	90.9	-	-	90.9	-	-	-	-
2008	7647-01-0	Hydrochloric acid	tonnes	96.3	-	-	96.3	-	-	-	-
2007	7647-01-0	Hydrochloric acid	tonnes	118	-	-	118	-	-	-	-
2006	7647-01-0	Hydrochloric acid	tonnes	103	-	-	103	-	-	-	-
2005	7647-01-0	Hydrochloric acid	tonnes	100	-	-	100	-	-	-	-
2004	7647-01-0	Hydrochloric acid	tonnes	67	-	-	67	-	-	-	-
2003	7647-01-0	Hydrochloric acid	tonnes	46	-	-	46	-	-	-	-
2002	7647-01-0	Hydrochloric acid	tonnes	86	-	-	86	-	-	-	-
2001	7647-01-0	Hydrochloric acid	tonnes	70	-	-	70	-	-	-	-

Year	CAS number	Substance	Units	Releases				Disposals and Transfers			
				Air	Water	Land	Total	On-site disposals	Off-site disposals	Off-site treatment	Off-site recycling
2000	7647-01-0	Hydrochloric acid	tonnes	39	-	-	39	-	-	-	-
2021	NA - 08	Lead (and its compounds)	kg	2.3	-	-	2.3	-	-	-	-
2019	NA - 08	Lead (and its compounds)	kg	2	-	-	2	86,627	-	-	-
2018	NA - 08	Lead (and its compounds)	kg	-	-	-	0	93,092	-	-	-
2017	NA - 08	Lead (and its compounds)	kg	-	-	-	0	95,354	-	-	-
2016	NA - 08	Lead (and its compounds)	kg	-	-	-	0	-	96,000	-	-
2015	NA - 08	Lead (and its compounds)	kg	-	-	-	0	-	88,000	-	-
2014	NA - 08	Lead (and its compounds)	kg	2.9	-	-	2.9	-	105,040	-	-
2012	NA - 08	Lead (and its compounds)	kg	-	-	-	0	-	111,190	-	-
2011	NA - 08	Lead (and its compounds)	kg	-	-	-	0	-	111,190	-	-
2010	NA - 08	Lead (and its compounds)	kg	17.2	-	-	17.2	-	111,190	-	-
2009	NA - 08	Lead (and its compounds)	kg	3	-	-	3	-	121,128	-	-
2008	NA - 08	Lead (and its compounds)	kg	3.1	-	-	3.1	-	66,000	-	-
2007	NA - 08	Lead (and its compounds)	kg	3.538	-	-	3.538	-	93,400	-	-
2006	NA - 08	Lead (and its compounds)	kg	4.7	-	-	4.7	-	93,400	-	-
2005	NA - 08	Lead (and its compounds)	kg	14.5	-	-	14.5	-	59,700	31,000	-
2004	NA - 08	Lead (and its compounds)	kg	17	-	-	17	-	65,500	12,200	-
2003	NA - 08	Lead (and its compounds)	kg	6.3	-	-	6.3	-	66,000	4,670	-
2002	NA - 08	Lead (and its compounds)	kg	56	-	-	56	-	68,680	-	-
2001	NA - 08	Lead (and its compounds)	tonnes	0.054	-	-	0.054	-	59.27	-	-
2021	NA - 10	Mercury (and its compounds)	kg	1.3	-	-	1.3	-	-	-	-
2019	NA - 10	Mercury (and its compounds)	kg	0.8	-	-	0.8	12	-	-	-
2018	NA - 10	Mercury (and its compounds)	kg	1.5	-	-	1.5	12.9	-	-	-
2017	NA - 10	Mercury (and its compounds)	kg	8.5	-	-	8.5	13.2	-	-	-

Year	CAS number	Substance	Units	Releases				Disposals and Transfers			
				Air	Water	Land	Total	On-site disposals	Off-site disposals	Off-site treatment	Off-site recycling
2016	NA - 10	Mercury (and its compounds)	kg	16.7	-	-	16.7	-	13.3	-	-
2015	NA - 10	Mercury (and its compounds)	kg	-	-	-	0	-	12.1	-	-
2014	NA - 10	Mercury (and its compounds)	kg	2.5	-	-	2.5	-	14.6	-	-
2012	NA - 10	Mercury (and its compounds)	kg	-	-	-	0	-	15.41	-	-
2011	NA - 10	Mercury (and its compounds)	kg	-	-	-	0	-	15.41	-	-
2010	NA - 10	Mercury (and its compounds)	kg	3.3	-	-	3.3	-	15.41	-	-
2009	NA - 10	Mercury (and its compounds)	kg	10.1	-	-	10.1	-	172.8	-	-
2008	NA - 10	Mercury (and its compounds)	kg	7	-	-	7	-	313	-	-
2007	NA - 10	Mercury (and its compounds)	kg	7.1	-	-	7.1	-	388	-	-
2006	NA - 10	Mercury (and its compounds)	kg	26.3	-	-	26.3	-	388	-	-
2005	NA - 10	Mercury (and its compounds)	kg	21	-	-	21	-	51.9	271.19	-
2004	NA - 10	Mercury (and its compounds)	kg	13.5	-	-	13.5	-	59.6	266.9	-
2003	NA - 10	Mercury (and its compounds)	kg	14.3	-	-	14.3	-	59.8	236	-
2002	NA - 10	Mercury (and its compounds)	kg	17.5	-	-	17.5	-	300.6	-	-
2001	NA - 10	Mercury (and its compounds)	kg	82.5	-	-	82.5	-	225.44	-	-
2000	NA - 10	Mercury (and its compounds)	kg	5	-	-	5	-	222	-	-
2021	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	248.2	-	-	248.2	-	-	-	-
2019	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	335.6	-	-	335.6	-	-	-	-
2018	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	343.3	-	-	343.3	-	-	-	-
2017	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	453.2	-	-	453.2	-	-	-	-
2016	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	484	-	-	484	-	-	-	-

Year	CAS number	Substance	Units	Releases				Disposals and Transfers			
				Air	Water	Land	Total	On-site disposals	Off-site disposals	Off-site treatment	Off-site recycling
2015	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	442.6	-	-	442.6	-	-	-	-
2014	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	533.3	-	-	533.3	-	-	-	-
2013	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	573.1	-	-	573.1	-	-	-	-
2012	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	569.2	-	-	569.2	-	-	-	-
2011	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	598.1	-	-	598.1	-	-	-	-
2010	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	667.6	-	-	667.6	-	-	-	-
2009	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	708	-	-	708	-	-	-	-
2008	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	586	-	-	586	-	-	-	-
2007	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	582.2	-	-	582.2	-	-	-	-
2006	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	526.3	-	-	526.3	-	-	-	-
2005	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	509.2	-	-	509.2	-	-	-	-
2004	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	556	-	-	556	-	-	-	-
2003	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	700.1	-	-	700.1	-	-	-	-
2002	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	269.2	-	-	269.2	-	-	-	-
2002	NA - P/H	PAHs, total unspeciaded	kg	1.96	-	-	1.96	-	209.21	-	-
2001	NA - P/H	PAHs, total unspeciaded	kg	1.88	-	-	1.88	-	215.54	-	-
2021	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	10.82	-	-	10.82	-	-	-	-

Year	CAS number	Substance	Units	Releases				Disposals and Transfers			
				Air	Water	Land	Total	On-site disposals	Off-site disposals	Off-site treatment	Off-site recycling
2019	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	11.99	-	-	11.99	-	-	-	-
2018	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	3.54	-	-	3.54	-	-	-	-
2017	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	6.23	-	-	6.23	-	-	-	-
2016	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	3.07	-	-	3.07	-	-	-	-
2015	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	2.11	-	-	2.11	-	-	-	-
2014	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	2.79	-	-	2.79	-	-	-	-
2013	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	6.755	-	-	6.755	-	-	-	-
2012	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	3.88	-	-	3.88	-	-	-	-
2011	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	2.958	-	-	2.958	-	-	-	-
2010	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	2.195	-	-	2.195	-	-	-	-
2009	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	1.7	-	-	1.7	-	-	-	-
2008	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	2.3	-	-	2.3	-	-	-	-
2007	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	3.3	-	-	3.3	-	-	-	-
2006	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	4.4	-	-	4.4	-	-	-	-
2004	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	14	-	-	14	-	-	-	-
2003	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	5.3	-	-	5.3	-	-	-	-

Year	CAS number	Substance	Units	Releases				Disposals and Transfers			
				Air	Water	Land	Total	On-site disposals	Off-site disposals	Off-site treatment	Off-site recycling
2002	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	6.4	-	-	6.4	-	-	-	-
2021	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	10.82	-	-	10.82	-	-	-	-
2019	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	11.99	-	-	11.99	-	-	-	-
2018	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	3.54	-	-	3.54	-	-	-	-
2017	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	6.23	-	-	6.23	-	-	-	-
2016	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	3.07	-	-	3.07	-	-	-	-
2015	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	2.11	-	-	2.11	-	-	-	-
2014	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	2.79	-	-	2.79	-	-	-	-
2013	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	6.75	-	-	6.75	-	-	-	-
2012	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	3.88	-	-	3.88	-	-	-	-
2011	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	2.958	-	-	2.958	-	-	-	-
2010	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	2.195	-	-	2.195	-	-	-	-
2009	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	1.7	-	-	1.7	-	-	-	-
2008	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	2.3	-	-	2.3	-	-	-	-
2007	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	3.3	-	-	3.3	-	-	-	-
2006	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	4.4	-	-	4.4	-	-	-	-

Year	CAS number	Substance	Units	Releases				Disposals and Transfers			
				Air	Water	Land	Total	On-site disposals	Off-site disposals	Off-site treatment	Off-site recycling
2005	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	4.3	-	-	4.3	-	-	-	-
2004	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	8	-	-	8	-	-	-	-
2003	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	4.5	-	-	4.5	-	-	-	-
2002	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	3.8	-	-	3.8	-	-	-	-
2021	7446-09-5	Sulphur dioxide	tonnes	28.14	-	-	28.14	-	-	-	-
2019	7446-09-5	Sulphur dioxide	tonnes	19.99	-	-	19.99	-	-	-	-
2018	7446-09-5	Sulphur dioxide	tonnes	59.64	-	-	59.64	-	-	-	-
2017	7446-09-5	Sulphur dioxide	tonnes	43.7	-	-	43.7	-	-	-	-
2016	7446-09-5	Sulphur dioxide	tonnes	43.7	-	-	43.7	-	-	-	-
2015	7446-09-5	Sulphur dioxide	tonnes	30.3	-	-	30.3	-	-	-	-
2014	7446-09-5	Sulphur dioxide	tonnes	34.6	-	-	34.6	-	-	-	-
2013	7446-09-5	Sulphur dioxide	tonnes	49.2	-	-	49.2	-	-	-	-
2012	7446-09-5	Sulphur dioxide	tonnes	67.7	-	-	67.7	-	-	-	-
2011	7446-09-5	Sulphur dioxide	tonnes	56.2	-	-	56.2	-	-	-	-
2010	7446-09-5	Sulphur dioxide	tonnes	53	-	-	53	-	-	-	-
2009	7446-09-5	Sulphur dioxide	tonnes	96	-	-	96	-	-	-	-
2008	7446-09-5	Sulphur dioxide	tonnes	94.8	-	-	94.8	-	-	-	-
2007	7446-09-5	Sulphur dioxide	tonnes	177.5	-	-	177.5	-	-	-	-
2006	7446-09-5	Sulphur dioxide	tonnes	69.2	-	-	69.2	-	-	-	-
2005	7446-09-5	Sulphur dioxide	tonnes	67	-	-	67	-	-	-	-
2004	7446-09-5	Sulphur dioxide	tonnes	87	-	-	87	-	-	-	-
2003	7446-09-5	Sulphur dioxide	tonnes	40.7	-	-	40.7	-	-	-	-
2002	7446-09-5	Sulphur dioxide	tonnes	111	-	-	111	-	-	-	-
2005	7664-93-9	Sulphuric acid	tonnes	-	-	-	0	-	-	-	-
2004	7664-93-9	Sulphuric acid	tonnes	-	-	-	0	-	-	-	-
2003	7664-93-9	Sulphuric acid	tonnes	-	-	-	0	-	-	-	-
2002	7664-93-9	Sulphuric acid	tonnes	-	-	-	0	-	-	-	-
2001	7664-93-9	Sulphuric acid	tonnes	-	-	-	0	-	-	0	-
2000	7664-93-9	Sulphuric acid	tonnes	-	-	-	0	-	-	-	-
1999	7664-93-9	Sulphuric acid	tonnes	-	-	-	0	-	-	-	-
1998	7664-93-9	Sulphuric acid	tonnes	-	-	-	0	-	-	-	-
1997	7664-93-9	Sulphuric acid	tonnes	-	-	-	0	-	-	-	-
2016	NA - M08	Total particulate matter	tonnes	13.1	-	-	13.1	-	-	-	-
2015	NA - M08	Total particulate matter	tonnes	10.8	-	-	10.8	-	-	-	-

Year	CAS number	Substance	Units	Releases				Disposals and Transfers			
				Air	Water	Land	Total	On-site disposals	Off-site disposals	Off-site treatment	Off-site recycling
2014	NA - M08	Total particulate matter	tonnes	12.45	-	-	12.45	-	-	-	-
2013	NA - M08	Total particulate matter	tonnes	5.45	-	-	5.45	-	-	-	-
2012	NA - M08	Total particulate matter	tonnes	8.84	-	-	8.84	-	-	-	-
2011	NA - M08	Total particulate matter	tonnes	10.86	-	-	10.86	-	-	-	-
2010	NA - M08	Total particulate matter	tonnes	16.31	-	-	16.31	-	-	-	-
2009	NA - M08	Total particulate matter	tonnes	3.33	-	-	3.33	-	-	-	-
2008	NA - M08	Total particulate matter	tonnes	12.5	-	-	12.5	-	-	-	-
2007	NA - M08	Total particulate matter	tonnes	14.5	-	-	14.5	-	-	-	-
2006	NA - M08	Total particulate matter	tonnes	24.7	-	-	24.7	-	-	-	-
2005	NA - M08	Total particulate matter	tonnes	23.9	-	-	23.9	-	-	-	-
2004	NA - M08	Total particulate matter	tonnes	15.2	-	-	15.2	-	-	-	-
2003	NA - M08	Total particulate matter	tonnes	8.4	-	-	8.4	-	-	-	-
2002	NA - M08	Total particulate matter	tonnes	18.3	-	-	18.3	-	-	-	-
2021	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	2.3	-	-	2.3	-	-	-	-
2019	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	12.1	-	-	12.1	-	-	-	-
2018	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	12.15	-	-	12.15	-	-	-	-
2017	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	205	-	-	205	-	-	-	-
2016	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	201	-	-	201	-	-	-	-
2015	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	185	-	-	185	-	-	-	-
2014	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	209.44	-	-	209.44	-	-	-	-
2013	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	21.1	-	-	21.1	-	-	-	-
2012	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	204.1	-	-	204.1	-	-	-	-
2011	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	227.4	-	-	227.4	-	-	-	-
2010	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	220	-	-	220	-	-	-	-

Year	CAS number	Substance	Units	Releases				Disposals and Transfers			
				Air	Water	Land	Total	On-site disposals	Off-site disposals	Off-site treatment	Off-site recycling
2009	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	220	-	-	220	-	-	-	-
2008	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	226	-	-	226	-	-	-	-
2007	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	232.9	-	-	232.9	-	-	-	-
2006	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	232.9	-	-	232.9	-	-	-	-
2005	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	225.9	-	-	225.9	-	-	-	-
2004	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	225	-	-	225	-	-	-	-
2003	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	223.6	-	-	223.6	-	-	-	-
2002	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	212.7	-	-	212.7	-	-	-	-
2004	NA - 14	Zinc (and its compounds)	tonnes	-	-	-	0	-	230.2	34.8	-
2003	NA - 14	Zinc (and its compounds)	tonnes	-	-	-	0	-	232.1	10.97	-
2002	NA - 14	Zinc (and its compounds)	tonnes	-	-	-	0	-	235.4	-	-
2001	NA - 14	Zinc (and its compounds)	tonnes	-	-	-	0	-	206.91	-	-