

Facility Report

Information for Incinérateur

Reporting year	2020
Company	Ville de Québec
Company Mailing Address	2 des Jardins Street, Québec Quebec, G1R 4S9, Canada
Portable Facility?	No
NPRI ID	211
Facility Physical Address	900 Industrielle, Québec Quebec, G1J 3V9, Canada

Facility details

Business number	144247350					
DUNS	0					
Number of full-time employee equivalents	50					
Contact information	Cécile Cognet 418-641-6411 2957 cecile.cognet@ville.quebec.qc.ca					
Parent company	Parent company	Percentage ownership	Address	Business number	DUNS Number	
Typical days of operation	mon /tue /wed /thu /fri /sat /sun					
Operating hours	24.00					
Start time	00:00					
Shutdown periods	Period	Start	End	Duration (day)	Same Time Next Year	Partial Shutdown
Activities	Activities with no employee threshold					
	Non-hazardous solid waste incineration (≥ 26 tonnes/year)					
	Sewage sludge incineration					
Activities	Activities that require Part 3 reporting					
	None of the above					

Report details

Type	NPRI Inventory
Last Updated	2021-07-05 12:33:20 PM
Other years' reports	1996, 1995, 1994, 1993, 2015, 2014, 2013, 2012, 2011, 2017, 2018, 2016, 2010, 2007, 2009, 2006, 2008, 2002, 2001, 2005, 2004, 2003, 2000, 1999, 1998, 1997, 2019, 2021, 2022, 2023, 2024
Facility is case 3	No
Facility is case 4	No

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
Land survey description	
National Topograph Description	B-098-B/021-L-14
Additional information	

Industry details

Key industrial sector	Waste Treatment and Disposal
NAICS2	Administrative and support, waste management and remediation services
NAICS4	Waste treatment and disposal
NAICS6 Primary	Waste treatment and disposal
NAICS6 Secondary	
NAICS6 Tertiary	

Pollution prevention

Plan details

Pollution prevention

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	Releases				Disposals and Transfers				Voluntary Report
			Air	Water	Land	Total	On-site disposals	Off-site disposals	Off-site treatment	Off-site recycling	
Carbon monoxide	630-08-0	tonnes	196.670	-	-	196.670	-	-	-	-	
Dioxins and furans - total	NA - D/F	g TEQ	0.015	-	-	0.015	-	-	-	-	
Hexachloroben zene	118-74-1	grams	27.100	-	-	27.100	-	-	-	-	
Hydrochloric acid	7647-01-0	tonnes	37.530	-	-	37.530	-	-	-	-	

Lead (and its compounds)	NA - 08	kg	1.700	-	-	1.700	-	-	-	-
Mercury (and its compounds)	NA - 10	kg	0.700	-	-	0.700	-	-	-	-
Nitrogen oxides (expressed as nitrogen dioxide)	11104-93-1	tonnes	352.900	-	-	352.900	-	-	-	-
PM10 - Particulate Matter <= 10 Micrometers	NA - M09	tonnes	11.120	-	-	11.120	-	-	-	-
PM2.5 - Particulate Matter <= 2.5 Micrometers	NA - M10	tonnes	11.120	-	-	11.120	-	-	-	-
Sulphur dioxide	7446-09-5	tonnes	22.230	-	-	22.230	-	-	-	-
Volatile Organic Compounds (VOCs)	NA - M16	tonnes	7.900	-	-	7.900	-	-	-	-

Comments

Substance	CAS number	Comment Type	Comment
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Release to air

Substance	CAS number	Units	Stack/Point	Storage/Han dling	Fugitive	Spills	Road Dust	Other	Total
Carbon monoxide	630-08-0	tonnes	196.670	-	-	-	-	-	196.670
Dioxins and furans - total	NA - D/F	g TEQ	0.015	-	-	-	-	-	0.015
Hexachlorobenzene	118-74-1	grams	27.100	-	-	-	-	-	27.100
Hydrochloric acid	7647-01-0	tonnes	37.530	-	-	-	-	-	37.530
Lead (and its compounds)	NA - 08	kg	1.700	-	-	-	-	-	1.700
Mercury (and its compounds)	NA - 10	kg	0.700	-	-	-	-	-	0.700
Nitrogen oxides (expressed as nitrogen dioxide)	11104-93-1	tonnes	352.900	-	-	-	-	-	352.900
PM10 - Particulate Matter <= 10 Micrometers	NA - M09	tonnes	11.120	-	-	-	-	-	11.120
PM2.5 - Particulate Matter <= 2.5 Micrometers	NA - M10	tonnes	11.120	-	-	-	-	-	11.120
Sulphur dioxide	7446-09-5	tonnes	22.230	-	-	-	-	-	22.230
Volatile Organic Compounds (VOCs)	NA - M16	tonnes	7.900	-	-	-	-	-	7.900

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
2024	630-08-0	Carbon monoxide	tonnes	47.770	-	-	47.770	-	-	-	-
2023	630-08-0	Carbon monoxide	tonnes	49.500	-	-	49.500	-	-	-	-
2022	630-08-0	Carbon monoxide	tonnes	48.792	-	-	48.792	-	-	-	-
2021	630-08-0	Carbon monoxide	tonnes	52.700	-	-	52.700	-	-	-	-

2019	630-08-0	Carbon monoxide	tonnes	132.650	-	-	132.650	-	-	-	-
2018	630-08-0	Carbon monoxide	tonnes	84.696	-	-	84.696	-	-	-	-
2017	630-08-0	Carbon monoxide	tonnes	150.500	-	-	150.500	-	-	-	-
2016	630-08-0	Carbon monoxide	tonnes	115.800	-	-	115.800	-	-	-	-
2015	630-08-0	Carbon monoxide	tonnes	98.400	-	-	98.400	-	-	-	-
2014	630-08-0	Carbon monoxide	tonnes	100.600	-	-	100.600	-	-	-	-
2013	630-08-0	Carbon monoxide	tonnes	117.100	-	-	117.100	-	-	-	-
2012	630-08-0	Carbon monoxide	tonnes	149.800	-	-	149.800	-	-	-	-
2011	630-08-0	Carbon monoxide	tonnes	174.100	-	-	174.100	-	-	-	-
2010	630-08-0	Carbon monoxide	tonnes	178.800	-	-	178.800	-	-	-	-
2009	630-08-0	Carbon monoxide	tonnes	169.000	-	-	169.000	-	-	-	-
2008	630-08-0	Carbon monoxide	tonnes	384.000	-	-	384.000	-	-	-	-
2007	630-08-0	Carbon monoxide	tonnes	878.900	-	-	878.900	-	-	-	-
2006	630-08-0	Carbon monoxide	tonnes	665.000	-	-	665.000	-	-	-	-
2005	630-08-0	Carbon monoxide	tonnes	643.200	-	-	643.200	-	-	-	-
2004	630-08-0	Carbon monoxide	tonnes	654.800	-	-	654.800	-	-	-	-
2003	630-08-0	Carbon monoxide	tonnes	771.700	-	-	771.700	-	-	-	-
2002	630-08-0	Carbon monoxide	tonnes	662.700	-	-	662.700	-	-	-	-
2019	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0.000	-	204.000	-	-
2018	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0.000	-	219.000	-	-
2017	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0.000	224.000	-	-	-
2016	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0.000	-	226.000	-	-
2015	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0.000	-	206.000	-	-
2012	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0.000	-	262.000	-	-
2011	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0.000	-	261.670	-	-
2010	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0.000	-	261.670	-	-
2009	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0.000	-	235.280	-	-
2008	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0.000	-	34.700	-	-
2007	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0.000	-	42.150	-	-
2006	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0.000	-	42.150	-	-
2005	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0.000	-	39.350	6.850	-
2004	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0.000	-	34.600	2.370	-
2003	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0.000	-	35.000	0.670	-
2002	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0.000	-	34.000	-	-
2001	NA - 06	Copper (and its compounds)	tonnes	-	-	-	0.000	-	32.610	-	-
2024	NA - D/F	Dioxins and furans - total	g TEQ	0.006	-	-	0.006	-	-	-	-
2023	NA - D/F	Dioxins and furans - total	g TEQ	0.006	-	-	0.006	-	-	-	-
2022	NA - D/F	Dioxins and furans - total	g TEQ	0.006	-	-	0.006	-	-	-	-
2021	NA - D/F	Dioxins and furans - total	g TEQ	0.086	-	-	0.086	-	-	-	-

2021	NA - D/F	furans - total	g TEQ	0.086	-	-	0.086	-	-	-	-
2019	NA - D/F	Dioxins and furans - total	g TEQ	0.016	-	-	0.016	-	-	-	-
2018	NA - D/F	Dioxins and furans - total	g TEQ	0.011	-	-	0.011	-	-	-	-
2017	NA - D/F	Dioxins and furans - total	g TEQ	0.513	-	-	0.513	-	-	-	-
2016	NA - D/F	Dioxins and furans - total	g TEQ	0.061	-	-	0.061	-	-	-	-
2015	NA - D/F	Dioxins and furans - total	g TEQ	0.013	-	-	0.013	-	-	-	-
2014	NA - D/F	Dioxins and furans - total	g TEQ	0.015	-	-	0.015	-	-	-	-
2013	NA - D/F	Dioxins and furans - total	g TEQ	0.003	-	-	0.003	-	-	-	-
2012	NA - D/F	Dioxins and furans - total	g TEQ	0.033	-	-	0.033	-	-	-	-
2011	NA - D/F	Dioxins and furans - total	g TEQ	0.033	-	-	0.033	-	-	-	-
2010	NA - D/F	Dioxins and furans - total	g TEQ	0.032	-	-	0.032	-	-	-	-
2009	NA - D/F	Dioxins and furans - total	g TEQ	0.041	-	-	0.041	-	-	-	-
2008	NA - D/F	Dioxins and furans - total	g TEQ	1.028	-	-	1.028	-	-	-	-
2007	NA - D/F	Dioxins and furans - total	g TEQ	0.112	-	-	0.112	-	-	-	-
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	0.020	-	-	0.020	-	20.500	0.013	-
2003	NA - D/F	Dioxins and furans - total	g TEQ	0.040	-	-	0.040	-	20.515	8.371	-
2002	NA - D/F	Dioxins and furans - total	g TEQ	0.039	-	-	0.039	-	28.900	-	-
2001	NA - D/F	Dioxins and furans - total	g TEQ	1.706	-	-	1.706	-	21.370	-	-
2000	NA - D/F	Dioxins and furans - total	g TEQ	0.030	-	-	0.030	-	1.670	-	-
2024	118-74-1	Hexachloroben zene	grams	12.400	-	-	12.400	-	-	-	-
2023	118-74-1	Hexachloroben zene	grams	27.300	-	-	27.300	-	-	-	-
2022	118-74-1	Hexachloroben zene	grams	11.900	-	-	11.900	-	-	-	-
2021	118-74-1	Hexachloroben zene	grams	27.600	-	-	27.600	-	-	-	-
2019	118-74-1	Hexachloroben zene	grams	53.600	-	-	53.600	-	-	-	-
2018	118-74-1	Hexachloroben zene	grams	56.100	-	-	56.100	-	-	-	-
2017	118-74-1	Hexachloroben zene	grams	79.000	-	-	79.000	-	-	-	-
2016	118-74-1	Hexachloroben zene	grams	129.000	-	-	129.000	-	-	-	-
2015	118-74-1	Hexachloroben zene	grams	46.000	-	-	46.000	-	-	-	-
2014	118-74-1	Hexachloroben zene	grams	61.000	-	-	61.000	-	-	-	-
2013	118-74-1	Hexachloroben zene	grams	53.000	-	-	53.000	-	-	-	-
2012	118-74-1	Hexachloroben zene	grams	131.000	-	-	131.000	-	-	-	-
2011	118-74-1	Hexachloroben zene	grams	308.000	-	-	308.000	-	-	-	-
2010	118-74-1	Hexachloroben zene	grams	148.053	-	-	148.053	-	-	-	-
2009	118-74-1	Hexachloroben zene	grams	299.000	-	-	299.000	-	-	-	-
2008	118-74-1	Hexachloroben zene	grams	370.000	-	-	370.000	-	-	-	-
2007	118-74-1	Hexachloroben zene	grams	930.000	-	-	930.000	-	-	-	-
2006	118-74-1	Hexachloroben zene	grams	865.000	-	-	865.000	-	-	-	-

2005	118-74-1	Hexachloroben zene	grams	-	-	-	0.000	-	-	-	-
2004	118-74-1	Hexachloroben zene	grams	200.200	-	-	200.200	-	-	-	-
2003	118-74-1	Hexachloroben zene	grams	306.300	-	-	306.300	-	-	-	-
2002	118-74-1	Hexachloroben zene	grams	-	-	-	0.000	-	-	-	-
2001	118-74-1	Hexachloroben zene	grams	8108.400	-	-	8108.400	-	-	-	-
2000	118-74-1	Hexachloroben zene	grams	8000.000	-	-	8000.000	-	-	-	-
2024	7647-01-0	Hydrochloric acid	tonnes	34.510	-	-	34.510	-	-	-	-
2023	7647-01-0	Hydrochloric acid	tonnes	43.400	-	-	43.400	-	-	-	-
2022	7647-01-0	Hydrochloric acid	tonnes	42.500	-	-	42.500	-	-	-	-
2021	7647-01-0	Hydrochloric acid	tonnes	48.340	-	-	48.340	-	-	-	-
2019	7647-01-0	Hydrochloric acid	tonnes	36.660	-	-	36.660	-	-	-	-
2018	7647-01-0	Hydrochloric acid	tonnes	26.020	-	-	26.020	-	-	-	-
2017	7647-01-0	Hydrochloric acid	tonnes	52.800	-	-	52.800	-	-	-	-
2016	7647-01-0	Hydrochloric acid	tonnes	51.600	-	-	51.600	-	-	-	-
2015	7647-01-0	Hydrochloric acid	tonnes	46.400	-	-	46.400	-	-	-	-
2014	7647-01-0	Hydrochloric acid	tonnes	45.800	-	-	45.800	-	-	-	-
2013	7647-01-0	Hydrochloric acid	tonnes	53.400	-	-	53.400	-	-	-	-
2012	7647-01-0	Hydrochloric acid	tonnes	56.200	-	-	56.200	-	-	-	-
2011	7647-01-0	Hydrochloric acid	tonnes	50.600	-	-	50.600	-	-	-	-
2010	7647-01-0	Hydrochloric acid	tonnes	71.300	-	-	71.300	-	-	-	-
2009	7647-01-0	Hydrochloric acid	tonnes	90.900	-	-	90.900	-	-	-	-
2008	7647-01-0	Hydrochloric acid	tonnes	96.300	-	-	96.300	-	-	-	-
2007	7647-01-0	Hydrochloric acid	tonnes	118.000	-	-	118.000	-	-	-	-
2006	7647-01-0	Hydrochloric acid	tonnes	103.000	-	-	103.000	-	-	-	-
2005	7647-01-0	Hydrochloric acid	tonnes	100.000	-	-	100.000	-	-	-	-
2004	7647-01-0	Hydrochloric acid	tonnes	67.000	-	-	67.000	-	-	-	-
2003	7647-01-0	Hydrochloric acid	tonnes	46.000	-	-	46.000	-	-	-	-
2002	7647-01-0	Hydrochloric acid	tonnes	86.000	-	-	86.000	-	-	-	-
2001	7647-01-0	Hydrochloric acid	tonnes	70.000	-	-	70.000	-	-	-	-
2000	7647-01-0	Hydrochloric acid	tonnes	39.000	-	-	39.000	-	-	-	-
2024	NA - 08	Lead (and its compounds)	kg	1.180	-	-	1.180	-	-	-	-
2023	NA - 08	Lead (and its compounds)	kg	1.950	-	-	1.950	-	-	-	-
2022	NA - 08	Lead (and its compounds)	kg	6.300	-	-	6.300	-	-	-	-
2021	NA - 08	Lead (and its compounds)	kg	2.300	-	-	2.300	-	-	-	-
2019	NA - 08	Lead (and its compounds)	kg	2.000	-	-	2.000	86627.000	-	-	-
2018	NA - 08	Lead (and its compounds)	kg	-	-	-	0.000	93092.000	-	-	-
2017	NA - 08	Lead (and its compounds)	kg	-	-	-	0.000	95354.000	-	-	-
2016	NA - 08	Lead (and its compounds)	kg	-	-	-	0.000	-	96000.000	-	-
2015	NA - 08	Lead (and its compounds)	kg	-	-	-	0.000	-	88000.000	-	-

2015	NA - 08	compounds)	kg	-	-	-	0.000	-	88000.000	-	-
2014	NA - 08	Lead (and its compounds)	kg	2.900	-	-	2.900	-	105040.000	-	-
2012	NA - 08	Lead (and its compounds)	kg	-	-	-	0.000	-	111190.000	-	-
2011	NA - 08	Lead (and its compounds)	kg	-	-	-	0.000	-	111190.000	-	-
2010	NA - 08	Lead (and its compounds)	kg	17.200	-	-	17.200	-	111190.000	-	-
2009	NA - 08	Lead (and its compounds)	kg	3.000	-	-	3.000	-	121128.000	-	-
2008	NA - 08	Lead (and its compounds)	kg	3.100	-	-	3.100	-	66000.000	-	-
2007	NA - 08	Lead (and its compounds)	kg	3.538	-	-	3.538	-	93400.000	-	-
2006	NA - 08	Lead (and its compounds)	kg	4.700	-	-	4.700	-	93400.000	-	-
2005	NA - 08	Lead (and its compounds)	kg	14.500	-	-	14.500	-	59700.000	31000.000	-
2004	NA - 08	Lead (and its compounds)	kg	17.000	-	-	17.000	-	65500.000	12200.000	-
2003	NA - 08	Lead (and its compounds)	kg	6.300	-	-	6.300	-	66000.000	4670.000	-
2002	NA - 08	Lead (and its compounds)	kg	56.000	-	-	56.000	-	68680.000	-	-
2001	NA - 08	Lead (and its compounds)	tonnes	0.054	-	-	0.054	-	59.270	-	-
2024	NA - 10	Mercury (and its compounds)	kg	0.590	-	-	0.590	-	-	-	-
2023	NA - 10	Mercury (and its compounds)	kg	0.610	-	-	0.610	-	-	-	-
2022	NA - 10	Mercury (and its compounds)	kg	0.700	-	-	0.700	-	-	-	-
2021	NA - 10	Mercury (and its compounds)	kg	1.300	-	-	1.300	-	-	-	-
2019	NA - 10	Mercury (and its compounds)	kg	0.800	-	-	0.800	12.000	-	-	-
2018	NA - 10	Mercury (and its compounds)	kg	1.500	-	-	1.500	12.900	-	-	-
2017	NA - 10	Mercury (and its compounds)	kg	8.500	-	-	8.500	13.200	-	-	-
2016	NA - 10	Mercury (and its compounds)	kg	16.700	-	-	16.700	-	13.300	-	-
2015	NA - 10	Mercury (and its compounds)	kg	-	-	-	0.000	-	12.100	-	-
2014	NA - 10	Mercury (and its compounds)	kg	2.500	-	-	2.500	-	14.600	-	-
2012	NA - 10	Mercury (and its compounds)	kg	-	-	-	0.000	-	15.410	-	-
2011	NA - 10	Mercury (and its compounds)	kg	-	-	-	0.000	-	15.410	-	-
2010	NA - 10	Mercury (and its compounds)	kg	3.300	-	-	3.300	-	15.410	-	-
2009	NA - 10	Mercury (and its compounds)	kg	10.100	-	-	10.100	-	172.800	-	-
2008	NA - 10	Mercury (and its compounds)	kg	7.000	-	-	7.000	-	313.000	-	-
2007	NA - 10	Mercury (and its compounds)	kg	7.100	-	-	7.100	-	388.000	-	-
2006	NA - 10	Mercury (and its compounds)	kg	26.300	-	-	26.300	-	388.000	-	-
2005	NA - 10	Mercury (and its compounds)	kg	21.000	-	-	21.000	-	51.900	271.190	-
2004	NA - 10	Mercury (and its compounds)	kg	13.500	-	-	13.500	-	59.600	266.900	-
2003	NA - 10	Mercury (and its compounds)	kg	14.300	-	-	14.300	-	59.800	236.000	-
2002	NA - 10	Mercury (and its compounds)	kg	17.500	-	-	17.500	-	300.600	-	-
2001	NA - 10	Mercury (and its compounds)	kg	82.500	-	-	82.500	-	225.440	-	-
2000	NA - 10	Mercury (and its compounds)	kg	5.000	-	-	5.000	-	222.000	-	-
2024	11104-93-1	Nitrogen oxides (expressed as nitrogen	tonnes	395.980	-	-	395.980	-	-	-	-

2024	11104-93-1	dioxide)	tonnes	395.980	-	-	395.980	-	-	-	-
2023	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	363.420	-	-	363.420	-	-	-	-
2022	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	345.479	-	-	345.479	-	-	-	-
2021	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	248.200	-	-	248.200	-	-	-	-
2019	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	335.600	-	-	335.600	-	-	-	-
2018	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	343.300	-	-	343.300	-	-	-	-
2017	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	453.200	-	-	453.200	-	-	-	-
2016	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	484.000	-	-	484.000	-	-	-	-
2015	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	442.600	-	-	442.600	-	-	-	-
2014	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	533.300	-	-	533.300	-	-	-	-
2013	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	573.100	-	-	573.100	-	-	-	-
2012	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	569.200	-	-	569.200	-	-	-	-
2011	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	598.100	-	-	598.100	-	-	-	-
2010	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	667.600	-	-	667.600	-	-	-	-
2009	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	708.000	-	-	708.000	-	-	-	-
2008	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	586.000	-	-	586.000	-	-	-	-
2007	11104-93-1	Nitrogen	tonnes	582.200	-	-	582.200	-	-	-	-

2007	11104-93-1	oxides (expressed as nitrogen dioxide)	tonnes	582.200	-	-	582.200	-	-	-	-
2006	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	526.300	-	-	526.300	-	-	-	-
2005	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	509.200	-	-	509.200	-	-	-	-
2004	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	556.000	-	-	556.000	-	-	-	-
2003	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	700.100	-	-	700.100	-	-	-	-
2002	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	269.200	-	-	269.200	-	-	-	-
2024	NA - P/H	PAHs, total unspeciated	kg	1.710	-	-	1.710	-	-	-	-
2023	NA - P/H	PAHs, total unspeciated	kg	7.400	-	-	7.400	-	-	-	-
2022	NA - P/H	PAHs, total unspeciated	kg	1.300	-	-	1.300	-	-	-	-
2002	NA - P/H	PAHs, total unspeciated	kg	1.960	-	-	1.960	-	209.210	-	-
2001	NA - P/H	PAHs, total unspeciated	kg	1.880	-	-	1.880	-	215.540	-	-
2024	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	1.130	-	-	1.130	-	-	-	-
2023	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	14.340	-	-	14.340	-	-	-	-
2022	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	12.110	-	-	12.110	-	-	-	-
2021	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	10.820	-	-	10.820	-	-	-	-
2019	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	11.990	-	-	11.990	-	-	-	-
2018	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	3.540	-	-	3.540	-	-	-	-
2017	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	6.230	-	-	6.230	-	-	-	-
2016	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	3.070	-	-	3.070	-	-	-	-
2015	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	2.110	-	-	2.110	-	-	-	-
2014	NA - M09	PM10 - Particulate	tonnes	2.790	-	-	2.790	-	-	-	-

2014	NA - M09	Matter <= 10 Micrometers	tonnes	2.790	-	-	2.790	-	-	-	-
2013	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	6.755	-	-	6.755	-	-	-	-
2012	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	3.880	-	-	3.880	-	-	-	-
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	1.700	-	-	1.700	-	-	-	-
2008	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	2.300	-	-	2.300	-	-	-	-
2007	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	3.300	-	-	3.300	-	-	-	-
2006	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	4.400	-	-	4.400	-	-	-	-
2004	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	14.000	-	-	14.000	-	-	-	-
2003	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	5.300	-	-	5.300	-	-	-	-
2002	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	6.400	-	-	6.400	-	-	-	-
2024	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	0.770	-	-	0.770	-	-	-	-
2023	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	14.340	-	-	14.340	-	-	-	-
2022	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	12.110	-	-	12.110	-	-	-	-
2021	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	10.820	-	-	10.820	-	-	-	-
2019	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	11.990	-	-	11.990	-	-	-	-
2018	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	3.540	-	-	3.540	-	-	-	-
2017	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	6.230	-	-	6.230	-	-	-	-
2016	NA - M10	PM2.5 - Particulate Matter <= 2.5	tonnes	3.070	-	-	3.070	-	-	-	-

2016	NA - M10	Micrometers	tonnes	3.070	-	-	3.070	-	-	-	-
2015	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	2.110	-	-	2.110	-	-	-	-
2014	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	2.790	-	-	2.790	-	-	-	-
2013	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	6.750	-	-	6.750	-	-	-	-
2012	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	3.880	-	-	3.880	-	-	-	-
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	1.700	-	-	1.700	-	-	-	-
2008	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	2.300	-	-	2.300	-	-	-	-
2007	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	3.300	-	-	3.300	-	-	-	-
2006	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	4.400	-	-	4.400	-	-	-	-
2005	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	4.300	-	-	4.300	-	-	-	-
2004	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	8.000	-	-	8.000	-	-	-	-
2003	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	4.500	-	-	4.500	-	-	-	-
2002	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	3.800	-	-	3.800	-	-	-	-
2024	7446-09-5	Sulphur dioxide	tonnes	9.890	-	-	9.890	-	-	-	-
2023	7446-09-5	Sulphur dioxide	tonnes	8.998	-	-	8.998	-	-	-	-
2022	7446-09-5	Sulphur dioxide	tonnes	5.524	-	-	5.524	-	-	-	-
2021	7446-09-5	Sulphur dioxide	tonnes	28.140	-	-	28.140	-	-	-	-
2019	7446-09-5	Sulphur dioxide	tonnes	19.990	-	-	19.990	-	-	-	-
2018	7446-09-5	Sulphur dioxide	tonnes	59.640	-	-	59.640	-	-	-	-
2017	7446-09-5	Sulphur dioxide	tonnes	43.700	-	-	43.700	-	-	-	-
2016	7446-09-5	Sulphur dioxide	tonnes	43.700	-	-	43.700	-	-	-	-
2015	7446-09-5	Sulphur dioxide	tonnes	30.300	-	-	30.300	-	-	-	-
2014	7446-09-5	Sulphur dioxide	tonnes	34.600	-	-	34.600	-	-	-	-

2013	7446-09-5	Sulphur dioxide	tonnes	49.200	-	-	49.200	-	-	-	-
2012	7446-09-5	Sulphur dioxide	tonnes	67.700	-	-	67.700	-	-	-	-
2011	7446-09-5	Sulphur dioxide	tonnes	56.200	-	-	56.200	-	-	-	-
2010	7446-09-5	Sulphur dioxide	tonnes	53.000	-	-	53.000	-	-	-	-
2009	7446-09-5	Sulphur dioxide	tonnes	96.000	-	-	96.000	-	-	-	-
2008	7446-09-5	Sulphur dioxide	tonnes	94.800	-	-	94.800	-	-	-	-
2007	7446-09-5	Sulphur dioxide	tonnes	177.500	-	-	177.500	-	-	-	-
2006	7446-09-5	Sulphur dioxide	tonnes	69.200	-	-	69.200	-	-	-	-
2005	7446-09-5	Sulphur dioxide	tonnes	67.000	-	-	67.000	-	-	-	-
2004	7446-09-5	Sulphur dioxide	tonnes	87.000	-	-	87.000	-	-	-	-
2003	7446-09-5	Sulphur dioxide	tonnes	40.700	-	-	40.700	-	-	-	-
2002	7446-09-5	Sulphur dioxide	tonnes	111.000	-	-	111.000	-	-	-	-
2005	7664-93-9	Sulphuric acid	tonnes	-	-	-	0.000	-	-	-	-
2004	7664-93-9	Sulphuric acid	tonnes	-	-	-	0.000	-	-	-	-
2003	7664-93-9	Sulphuric acid	tonnes	-	-	-	0.000	-	-	-	-
2002	7664-93-9	Sulphuric acid	tonnes	-	-	-	0.000	-	-	-	-
2001	7664-93-9	Sulphuric acid	tonnes	-	-	-	0.000	-	-	0.000	-
2000	7664-93-9	Sulphuric acid	tonnes	-	-	-	0.000	-	-	-	-
1999	7664-93-9	Sulphuric acid	tonnes	-	-	-	0.000	-	-	-	-
1998	7664-93-9	Sulphuric acid	tonnes	-	-	-	0.000	-	-	-	-
1997	7664-93-9	Sulphuric acid	tonnes	-	-	-	0.000	-	-	-	-
1996	7664-93-9	Sulphuric acid	tonnes	-	-	-	0.000	-	-	-	-
1995	7664-93-9	Sulphuric acid	tonnes	-	-	-	0.000	-	-	-	-
1994	7664-93-9	Sulphuric acid	tonnes	-	-	-	0.000	-	-	-	-
1993	7664-93-9	Sulphuric acid	tonnes	-	-	-	0.000	-	-	-	-
2016	NA - M08	Total particulate matter	tonnes	13.100	-	-	13.100	-	-	-	-
2015	NA - M08	Total particulate matter	tonnes	10.800	-	-	10.800	-	-	-	-
2014	NA - M08	Total particulate matter	tonnes	12.450	-	-	12.450	-	-	-	-
2013	NA - M08	Total particulate matter	tonnes	5.450	-	-	5.450	-	-	-	-
2012	NA - M08	Total particulate matter	tonnes	8.840	-	-	8.840	-	-	-	-
2011	NA - M08	Total particulate matter	tonnes	10.860	-	-	10.860	-	-	-	-
2010	NA - M08	Total particulate matter	tonnes	16.310	-	-	16.310	-	-	-	-
2009	NA - M08	Total particulate matter	tonnes	3.330	-	-	3.330	-	-	-	-
2008	NA - M08	Total particulate matter	tonnes	12.500	-	-	12.500	-	-	-	-
2007	NA - M08	Total particulate matter	tonnes	14.500	-	-	14.500	-	-	-	-
2006	NA - M08	Total particulate matter	tonnes	24.700	-	-	24.700	-	-	-	-
2005	NA - M08	Total particulate matter	tonnes	23.900	-	-	23.900	-	-	-	-
2004	NA - M08	Total particulate matter	tonnes	15.200	-	-	15.200	-	-	-	-
2003	NA - M08	Total	tonnes	8.400	-	-	8.400	-	-	-	-

2003	NA - M08	particulate matter	tonnes	8.400	-	-	8.400	-	-	-	-
2002	NA - M08	Total particulate matter	tonnes	18.300	-	-	18.300	-	-	-	-
2024	NA - M16	Volatile Organic Compounds (Total)	tonnes	12.380	-	-	12.380	-	-	-	-
2023	NA - M16	Volatile Organic Compounds (Total)	tonnes	4.850	-	-	4.850	-	-	-	-
2022	NA - M16	Volatile Organic Compounds (Total)	tonnes	4.570	-	-	4.570	-	-	-	-
2021	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	2.300	-	-	2.300	-	-	-	-
2019	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	12.100	-	-	12.100	-	-	-	-
2018	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	12.150	-	-	12.150	-	-	-	-
2017	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	205.000	-	-	205.000	-	-	-	-
2016	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	201.000	-	-	201.000	-	-	-	-
2015	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	185.000	-	-	185.000	-	-	-	-
2014	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	209.440	-	-	209.440	-	-	-	-
2013	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	21.100	-	-	21.100	-	-	-	-
2012	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	204.100	-	-	204.100	-	-	-	-
2011	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	227.400	-	-	227.400	-	-	-	-
2010	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	220.000	-	-	220.000	-	-	-	-
2009	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	220.000	-	-	220.000	-	-	-	-
2008	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	226.000	-	-	226.000	-	-	-	-
2007	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	232.900	-	-	232.900	-	-	-	-
2006	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	232.900	-	-	232.900	-	-	-	-

2005	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	225.900	-	-	225.900	-	-	-	-
2004	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	225.000	-	-	225.000	-	-	-	-
2003	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	223.600	-	-	223.600	-	-	-	-
2002	NA - M16	Volatile Organic Compounds (VOCs)	tonnes	212.700	-	-	212.700	-	-	-	-
2004	NA - 14	Zinc (and its compounds)	tonnes	-	-	-	0.000	-	230.200	34.800	-
2003	NA - 14	Zinc (and its compounds)	tonnes	-	-	-	0.000	-	232.100	10.970	-
2002	NA - 14	Zinc (and its compounds)	tonnes	-	-	-	0.000	-	235.400	-	-
2001	NA - 14	Zinc (and its compounds)	tonnes	-	-	-	0.000	-	206.910	-	-

Substance detail

Dioxins and furans - total

Releases

Releases to air

Type	Units	Quantity	Basis of estimate
Stack / Point	g TEQ	0.014556000	M3 - Source Testing

Additional information

Contextual information

Nature of activities related to the substance	Otherwise Use - By-Product
Reasons for change from previous year	No Significant Change (i.e. < 0 - 10%)
Comments on releases	
Comments on releases to land – other	

Quarterly releases

Quarter	Release percentage
Q1	21.000000
Q2	25.000000
Q3	28.000000
Q4	26.000000

Additional information on disposals

Contextual information

Reason(s) for substance disposal	
Reasons for change from previous year	Not Applicable (First year reporting this substance)
Comments on disposals	
Comments on exclusions in tailing and waste rock	

Additional information on off-site recycling

Contextual information

Transfers for off-site recycling

Reason(s) for substance recycling	
Reasons for change from previous year	Not Applicable (First year reporting this substance)

Substance detail

Hexachlorobenzene

Releases

Releases to air

Type	Units	Quantity	Basis of estimate
Stack / Point	grams	27.10000000	M2 - Predictive Emission Monitoring

Additional information

Contextual information

Nature of activities related to the substance	Otherwise Use - By-Product
Reasons for change from previous year	Pollution Prevention Activities
Comments on releases	
Comments on releases to land – other	

Quarterly releases

Quarter	Release percentage
Q1	21.000000
Q2	25.000000
Q3	28.000000
Q4	26.000000

Additional information on disposals

Contextual information

Reason(s) for substance disposal	
Reasons for change from previous year	Not Applicable (First year reporting this substance)
Comments on disposals	
Comments on exclusions in tailing and waste rock	

Additional information on off-site recycling

Contextual information

Transfers for off-site recycling

Reason(s) for substance recycling

Reasons for change from previous year

Not Applicable (First year reporting this substance)

Substance detail

Nitrogen oxides (expressed as nitrogen dioxide)

Releases

Releases to air

Type	Units	Quantity	Basis of estimate
Stack / Point	tonnes	352.900000000	M3 - Source Testing

Additional information

Contextual information

Nature of activities related to the substance

Reasons for change from previous year

No Significant Change (i.e. < 0 - 10%)

Comments on releases

Comments on releases to land – other

Substance detail

Carbon monoxide

Releases

Releases to air

Type	Units	Quantity	Basis of estimate
Stack / Point	tonnes	196.670000000	M1 - Continuous Emission Monitoring

Additional information

Contextual information

Nature of activities related to the substance

Reasons for change from previous year

Changes in quantity and/or composition of combusted materials or fuels

Comments on releases

Comments on releases to land – other

Substance detail

Sulphur dioxide

Releases

Releases to air

Type	Units	Quantity	Basis of estimate
Stack / Point	tonnes	22.230000000	M1 - Continuous Emission Monitoring

Additional information

Contextual information

Nature of activities related to the substance	
Reasons for change from previous year	Changes in quantity and/or composition of combusted materials or fuels
Comments on releases	
Comments on releases to land – other	

Substance detail

PM10 - Particulate Matter <= 10 Micrometers

Releases

Releases to air

Type	Units	Quantity	Basis of estimate
Stack / Point	tonnes	11.120000000	M1 - Continuous Emission Monitoring

Additional information

Contextual information

Nature of activities related to the substance	
Reasons for change from previous year	No Significant Change (i.e. < 0 - 10%)
Comments on releases	
Comments on releases to land – other	

Substance detail

PM2.5 - Particulate Matter <= 2.5 Micrometers

Releases

Releases to air

Type	Units	Quantity	Basis of estimate
Stack / Point	tonnes	11.120000000	M1 - Continuous Emission Monitoring

Additional information

Contextual information

Nature of activities related to the substance	
Reasons for change from previous year	No Significant Change (i.e. < 0 - 10%)
Comments on releases	
Comments on releases to land – other	

Substance detail

Volatile Organic Compounds (VOCs)

Releases

Releases to air

Type	Units	Quantity	Basis of estimate
Stack / Point	tonnes	7.900000000	M3 - Source Testing

Additional information

Contextual information

Nature of activities related to the substance	
Reasons for change from previous year	Pollution Prevention Activities
Comments on releases	
Comments on releases to land – other	

Substance detail

Mercury (and its compounds)

Releases

Releases to air

Type	Units	Quantity	Basis of estimate
Stack / Point	kg	0.700000000	M3 - Source Testing

Additional information

Contextual information

Nature of activities related to the substance	Otherwise Use - By-Product
Reasons for change from previous year	Pollution Prevention Activities
Comments on releases	
Comments on releases to land – other	

Quarterly releases

Quarter	Release percentage
Q1	21.000000
Q2	25.000000
Q3	28.000000
Q4	26.000000

Additional information on disposals

Contextual information

Reason(s) for substance disposal

Reasons for change from previous year	Not Applicable (First year reporting this substance)
Comments on disposals	
Comments on exclusions in tailing and waste rock	

Additional information on off-site recycling

Contextual information

Transfers for off-site recycling

Reason(s) for substance recycling	
Reasons for change from previous year	Not Applicable (First year reporting this substance)

Substance detail

Lead (and its compounds)

Releases

Releases to air

Type	Units	Quantity	Basis of estimate
Stack / Point	kg	1.70000000	M3 - Source Testing

Additional information

Contextual information

Nature of activities related to the substance	Otherwise Use - By-Product
Reasons for change from previous year	Pollution Prevention Activities
Comments on releases	
Comments on releases to land – other	

Quarterly releases

Quarter	Release percentage
Q1	21.000000
Q2	25.000000
Q3	28.000000
Q4	26.000000

Additional information on disposals

Contextual information

Reason(s) for substance disposal	
Reasons for change from previous year	Not Applicable (First year reporting this substance)
Comments on disposals	
Comments on exclusions in tailing and waste rock	

Additional information on off-site recycling

Contextual information

Transfers for off-site recycling

Reason(s) for substance recycling

Reasons for change from previous year

Not Applicable (First year reporting this substance)

Substance detail

Hydrochloric acid

Releases

Releases to air

Type	Units	Quantity	Basis of estimate
Stack / Point	tonnes	37.53000000	M1 - Continuous Emission Monitoring

Additional information

Contextual information

Nature of activities related to the substance

Otherwise Use - By-Product

Reasons for change from previous year

No Significant Change (i.e. < 0 - 10%)

Comments on releases

Comments on releases to land – other

Quarterly releases

Quarter	Release percentage
Q1	21.000000
Q2	25.000000
Q3	28.000000
Q4	26.000000

Additional information on disposals

Contextual information

Reason(s) for substance disposal

Reasons for change from previous year

Not Applicable (First year reporting this substance)

Comments on disposals

Comments on exclusions in tailing and waste rock

Additional information on off-site recycling

Contextual information

Transfers for off-site recycling

Reason(s) for substance recycling

Reasons for change from previous year

Not Applicable (First year reporting this substance)