

Facility Report

Information for

Reporting year	2017
Company	STRADA AGGREGATES
Company Mailing Address	30 Floral Parkway,CONCORD (Ontario) L4K4R1,Canada
Portable Facility?	No
NPRI ID	29096
Facility Physical Address	437031 4th Line,MELANCTHON (Ontario) L0N1S6,Canada

Facility details

Business number	892486663					
DUNS	201142903					
Number of full-time employee equivalents	2					
Contact information	Alex Elzbet Environmental Health& Safety and Security 9057382200 aelzbet@strada-aggregates.com					
Parent company	Parent company	Percentage ownership	Address	Business number	DUNS Number	
Typical days of operation	mon /tue /wed /thu /fri					
Operating hours	10.00					
Start time	Dec 30 1899 7:00AM					
Shutdown periods	Period	Start	End	Duration (day)	Same Time Next Year	Partial Shutdown
Activities						

Report details

Type	NPRI Inventory
Last Updated	2018-06-01 1:11:48 PM
Other years' reports	2015, 2016, 2018
Facility is case 3	No
Facility is case 4	No

Geographical details

Latitude	44.13527
Longitude	-80.231963
Datum	1983
Census sub-division	Melancthon
Census division	Dufferin
Economic area	Kitchener--Waterloo--Barrie
Census metropolitan and agglomeration area	
Ecozone	MixedWood Plain
Major drainage area	St. Lawrence Drainage Area
Land survey description	
National Topograph Description	B-069-G/041-A-1
Additional information	

Industry details

Key industrial sector	Mining and Quarrying
NAICS2	Mining, quarrying, and oil and gas extraction
NAICS4	Non-metallic mineral mining and quarrying
NAICS6 Primary	Sand and gravel mining and quarrying
NAICS6 Secondary	
NAICS6 Tertiary	

Pollution prevention

Plan details

Pollution prevention

Does the facility have a P2 plan?	The facility has a P2 plan
Reason for plan preparation	Plan was prepared or implemented on a voluntary basis
Recent update	The report was not updated during the reporting year
Target of plan	Water conservation

Activities

Primary activity	Secondary activity	Comment
Other Pollution Prevention Activities	-	Watering program during dry periods.

Other environmental programs

Other facility identifiers

ID number	Program
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Permits

Permit number	Issuing Agency
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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	
Nitrogen oxides (expressed as nitrogen dioxide)	11104-93-1	tonnes	25.332	-	-	25.332	-	-	-	-	
PM10 - Particulate Matter <= 10 Micrometers	NA - M09	tonnes	13.195	-	-	13.195	-	-	-	-	
PM2.5 - Particulate Matter <= 2.5 Micrometers	NA - M10	tonnes	3.070	-	-	3.070	-	-	-	-	
Total particulate matter	NA - M08	tonnes	40.739	-	-	40.739	-	-	-	-	

Comments

Substance	CAS number	Comment Type	Comment
Nitrogen oxides (expressed as nitrogen dioxide)	11104-93-1	On-site releases comment	Increase in diesel usage.
PM10 - Particulate Matter <= 10 Micrometers	NA - M09	On-site releases comment	Increase in material throughput.
PM2.5 - Particulate Matter <= 2.5 Micrometers	NA - M10	On-site releases comment	Increase in material throughput.
Total particulate matter	NA - M08	On-site releases comment	Increase in material throughput.

Release to air

Substance	CAS number	Units	Stack/Point	Storage/Han dling	Fugitive	Spills	Road Dust	Other	Total
Nitrogen oxides (expressed as nitrogen dioxide)	11104-93-1	tonnes	25.332	-	-	-	-	-	25.332
PM10 - Particulate Matter <= 10 Micrometers	NA - M09	tonnes	1.781	0.298	0.520	-	10.596	-	13.195
PM2.5 - Particulate Matter <= 2.5 Micrometers	NA - M10	tonnes	1.781	0.151	0.078	-	1.060	-	3.070
Total particulate matter	NA - M08	tonnes	1.781	0.618	1.077	-	37.263	-	40.739

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
2016	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	0.000	-	-	0.000	-	-	-	-
2015	11104-93-1	Nitrogen oxides (expressed as nitrogen dioxide)	tonnes	20.732	-	-	20.732	-	-	-	-
2016	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	12.692	-	-	12.692	-	-	-	-
2015	NA - M09	PM10 - Particulate Matter <= 10 Micrometers	tonnes	12.831	-	-	12.831	-	-	-	-
2016	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	2.620	-	-	2.620	-	-	-	-
2015	NA - M10	PM2.5 - Particulate Matter <= 2.5 Micrometers	tonnes	2.724	-	-	2.724	-	-	-	-
2016	NA - M08	Total particulate matter	tonnes	40.125	-	-	40.125	-	-	-	-
2015	NA - M08	Total particulate matter	tonnes	40.371	-	-	40.371	-	-	-	-

Substance detail

PM10 - Particulate Matter <= 10 Micrometers

Releases

Releases to air

Type	Units	Quantity	Basis of estimate
Stack / Point	tonnes	1.780700000	E2 - Published Emission Factors
Storage / Handling	tonnes	0.298100000	E2 - Published Emission Factors
Fugitive	tonnes	0.519600000	E2 - Published Emission Factors
Road dust	tonnes	10.596300000	E2 - Published Emission Factors

Additional information

Contextual information

Nature of activities related to the substance	
Reasons for change from previous year	Other (specify in comments field)
Comments on releases	Increase in material throughput.
Comments on releases to land – other	

Substance detail

Nitrogen oxides (expressed as nitrogen dioxide)

Releases

Releases to air

Type	Units	Quantity	Basis of estimate
Stack / Point	tonnes	25.331900000	E2 - Published Emission Factors

Additional information

Contextual information

Nature of activities related to the substance	
Reasons for change from previous year	Other (specify in comments field)
Comments on releases	Increase in diesel usage.
Comments on releases to land – other	

Substance detail

Total particulate matter

Releases

Releases to air

Type	Units	Quantity	Basis of estimate
Storage / Handling	tonnes	0.618400000	E2 - Published Emission Factors
Fugitive	tonnes	1.076800000	E2 - Published Emission Factors
Road dust	tonnes	37.263300000	E2 - Published Emission Factors
Stack / Point	tonnes	1.780700000	E2 - Published Emission Factors

Additional information

Contextual information

Nature of activities related to the substance	
Reasons for change from previous year	Other (specify in comments field)
Comments on releases	Increase in material throughput.
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	1.780700000	E2 - Published Emission Factors
Storage / Handling	tonnes	0.151000000	E2 - Published Emission Factors
Fugitive	tonnes	0.078400000	E2 - Published Emission Factors
Road dust	tonnes	1.059600000	E2 - Published Emission Factors

Additional information

Contextual information

Nature of activities related to the substance	
Reasons for change from previous year	Other (specify in comments field)
Comments on releases	Increase in material throughput.
Comments on releases to land – other	