

**Toxic Reduction Act, 2009
Public Report - 2017 Reporting Year**

In accordance with Toxics Reduction Act, 2009 and Ontario Regulation 455/09, Revolution VSC Acquisition GP Inc. (formerly Tonolli Canada) provides this public summary report of its 2016 Toxics Reduction Act Report for its Mississauga ON facility located at 1333 Tonolli Road.

Facility Name: Revolution VSC Acquisition GP Inc.
Address 1: 1333 Tonolli Road
City: Mississauga
Province: Ontario
Postal Code: L4Y 4C2

NPRI ID: 2256
Ontario Reg. 127/01 ID: n/a

NAICS 6 Code: 331490 - Non-ferrous metal (except Copper & Aluminum) rolling, drawing and alloying.

Number of full-time equivalent employees at the facility: 85

UTM coordinates: Latitude: 43.60220
Longitude: -79.58110
UTM Zone: 17.00000
UTM Easting: 614516.94
UTM Northing: 4828669.62

Public Contact: Name: Ross Atkinson
Title: V. President
Phone: 905-279-9555

Legal name of Canadian parent company, if your facility is a subsidiary of a Canadian parent company

Parent company name: Terrapure Environmental
Address: 1110 Burloak Drive, Suite 500,
City: Burlington
Province: Ontario
Postal Code: L7L 6B2

Summary of Reported TRA Data (in bands/ranges):

Substance Name	CAS Number	Enters the Facility (Used)	Created	Contained in Product	Units
Acenaphthene	83-32-9	0	>1 to 10	0	kg
Acenaphthylene	208-96-8	0	>100 to 1000	0	kg
Antimony (and its compounds)	NA - 01	>100 to 1,000	0	>100 to 1,000	tonnes
Arsenic (and its compounds)	NA - 02	>10,000 to 100,000	0	>10,000 to 100,000	kg
Benzo(a)anthracene	56-55-3	0	>1 to 10	0	kg
Benzo(b)fluoranthene	205-99-2	0	>0 to 1	0	kg
Benzo(k)fluoranthene	207-08-9	0	>0 to 1	0	kg
Dioxins and Furans	NA - D/F	0	0	0	g (TEQ)
Fluoranthene	206-44-0	0	>10 to 100	0	kg
Fluorene	86-73-7	0	>10 to 100	0	kg
Hexachlorobenzene	118-74-1	0	0	0	grams
Lead (and its compounds)	NA - 08	>10,000,000 to 100,000,000	0	>10,000,000 to 100,000,000	kg
Phenanthrene	85-01-8	0	>100 to 1000	0	kg
PM10 - Particulate Matter <= 10	NA - M09	0	>100 to 1,000	n/a	tonnes
PM2.5 - Particulate Matter <= 2.5	NA - M10	0	>100 to 1,000	n/a	tonnes
Pyrene	129-00-0	0	>10 to 100	0	kg
Selenium (and its compounds)	NA - 12	>1,000 to 10,000	0	>1,000 to 10,000	kg
Sulphur Dioxide	7446-09-5	0	>1,000 to 10,000	n/a	tonnes
Sulphuric Acid	7664-93-9	>1,000 to 10,000	0	0	tonnes
Volatile Organic Compounds	NA - M16	0	>10 to 100	n/a	tonnes

Summary of Other Reported Data (same categories as NPRI):

Substance Name	CAS Number	Release Quantity	Disposal Quantity	Recycle Quantity	Units
Acenaphthene	83-32-9	7.4700	0	0	kg
Acenaphthylene	208-96-8	370.8460	0	0	kg
Antimony (and its compounds)	NA -01	0.0030	10.8560	0	tonnes
Arsenic (and its compounds)	NA - 02	21.0000	6085.0000	0	kg
Benzo(a)anthracene	56-55-3	1.0670	0	0	kg
Benzo(b)fluoranthene	205-99-2	0.2130	0	0	kg
Benzo(k)fluoranthene	207-08-9	0.1210	0	0	kg
Dioxins and Furans	NA - D/F	0.0019	0	0	g (TEQ)
Fluoranthene	206-44-0	74.7030	0	0	kg
Fluorene	86-73-7	71.2350	0	0	kg
Hexachlorobenzene	118-74-1	0	0	0	grams
Lead (and its compounds)	NA - 08	38.0000	761341.0000	0	kg
Phenanthrene	85-01-8	520.2520	0	0	kg
PM10 - Particulate Matter <= 10	NA - M09	3.6221	00	0	tonnes
PM2.5 - Particulate Matter <=	NA - M10	3.2026	0	0	tonnes
Pyrene	129-00-0	34.9500	0	0	kg
Selenium (and its compounds)	NA - 12	0.0060	2673.4800	0	kg
Sulphur Dioxide	7446-09-5	1464.8600	0	0	tonnes
Sulphuric Acid	7664-93-9	0.4710	1095.9960	435.6020	tonnes
Volatile Organic Compounds (VOCs)	NA - M16	30.0000	0	0	tonnes

**Differences between 2016 and 2017 Reporting
Revolution VSC Acquisition GP Inc.**

Substance	CAS No.	Units	TRA Reporting								
			Enters			Created			Contained in Product		
			2016	2017	% diff	2016	2017	% diff	2016	2017	% diff
Acenaphthene	83-32-9	kg	0	0	0.0	>1 to 10	>1 to 10	12.12	0	0	0.0
Acenaphthylene	208-96-8	kg	0	0	0.0	>100 to 1,000	>100 to 1,000	12.19	0	0	0.0
Benzo(a)anthracene	56-55-3	kg	0	0	0.0	>1 to 10	>1 to 10	12.09	0	0	0.0
Benzo(b)fluoranthene	205-99-2	kg	0	0	0.0	>0 to 1	>0 to 1	11.81	0	0	0.0
Benzo(k)fluoranthene	207-08-9	kg	0	0	0.0	>0 to 1	>0 to 1	12.04	0	0	0.0
Fluoranthene	206-44-0	kg	0	0	0.0	>10 to 100	>10 to 100	4.09	0	0	0.0
Fluorene	86-73-7	kg	0	0	0.0	>10 to 100	>10 to 100	12.19	0	0	0.0
Phenanthrene	85-01-8	kg	0	0	0.0	>100 to 1,000	>100 to 1,000	12.19	0	0	0.0
Pyrene	129-00-0	kg	0	0	0.0	>10 to 100	>10 to 100	12.18	0	0	0.0
Arsenic (and its compounds)	NA - 02	kg	>10,000 to 100,000	>10,000 to 100,000	20.10	0	0		>10,000 to 100,000	>10,000 to 100,000	-12.15
Lead (and its compounds)	NA - 08	tonnes	>10,000 to 100,000	>10,000 to 100,000	-1.89	0	0		>10,000 to 100,000	>10,000 to 100,000	2.83
Antimony (and its compounds)	NA -01	tonnes	>100 to 1,000	>100 to 1,000	-26.09	0	0		>100 to 1,000	>100 to 1,000	-22.04
Sulphuric Acid	7664-93-9	tonnes	>1,000 to 10,000	>1,000 to 10,000	-0.52	0	0		0	0	0.0
Selenium (and its compounds)	NA - 12	kg	>1,000 to 10,000	>1,000 to 10,000		0	0		>1,000 to 10,000	>1,000 to 10,000	4.17
Hexachlorobenzene	118-74-1	grams	0	0	0.0	0	0		0	0	0.0
Dioxins and Furans	NA - D/F	g (TEQ)	0	0	0.0	0	0		0	0	0.0
PM10 - Particulate Matter <= 10 Microns	NA - M09	tonnes	0	0	0.0	>100 to 1000	>100 to 1000		N/A	N/A	N/A
PM2.5 - Particulate Matter <= 2.5 Microns	NA - M10	tonnes	0	0	0.0	>100 to 1000	>100 to 1000		N/A	N/A	N/A
Sulphur Dioxide	7446-09-5	tonnes	0	0	0.0	>1,000 to 10,000	>1,000 to 10,000		N/A	N/A	N/A
Volatile Organic Compounds (VOCs)	NA - M16	tonnes	0	0	0.0	>10 to 100	>10 to 100		0	0	0.0%

Substance	CAS No.	Units	NPRI Reporting								
			Air			Waste			Recycle		
			2017	2016	% diff	2017	2016	% diff	2017	2016	% diff
Acenaphthene	83-32-9	kg	7.4700	6.6624	12.12	0	0	0.0	0.000	0.000	0.0
Acenaphthylene	208-96-8	kg	370.8460	330.5643	12.19	0	0	0.0	0.000	0.000	0.0
Benzo(a)anthracene	56-55-3	kg	1.0670	0.9519	12.09	0	0	0.0	0.000	0.000	0.0
Benzo(b)fluoranthene	205-99-2	kg	0.2130	0.1905	11.81	0	0	0.0	0.000	0.000	0.0
Benzo(k)fluoranthene	207-08-9	kg	0.1210	0.1080	12.04	0	0	0.0	0.000	0.000	0.0
Fluoranthene	206-44-0	kg	74.7030	66.5893	4.09	0	0	0.0	0.000	0.000	0.0
Fluorene	86-73-7	kg	71.2350	63.4976	12.19	0	0	0.0	0.000	0.000	0.0
Phenanthrene	85-01-8	kg	520.2520	463.7414	12.19	0	0	0.0	0.000	0.000	0.0
Pyrene	129-00-0	kg	34.9500	31.1546	12.18	0	0	0.0	0.000	0.000	0.0
Arsenic (and its	NA - 02	kg	21.0000	0.9201	2182.36	6085.0000	6037.1025	0.79	0.000	0.000	0.0
Lead (and its compounds)	NA - 08	kg	38.0000	169.8335	-77.63	761341.0000	764488.0466	0.41	0.000	0.000	0.0
Antimony (and its	NA - 01	tonnes	0.0030	0.0115	-73.91	10.8560	10.6099	2.32	0.000	0.000	0.0
Sulphuric Acid	7664-93-	tonnes	0.4710	0.7014	-32.85	1095.9960	1,328.6922	32.85	435.6020	301.5903	44.44
Selenium (and its	NA - 12	kg	0.0060	0.2753	-97.82	2673.4800	2626.0847	1.80	0.000	0.000	0.0
Hexachlorobenzene	118-74-1	grams	0	0	0	0	0	0.0	0.000	0.000	0.0
Dioxins and Furans	NA - D/F	g (TEQ)	0.0019	0.0011	72.73	0	0	0.0	0.000	0.000	0.0
PM10 - Particulate Matter <= 10 Microns	NA - M09	tonnes	3.6221	2.4161	49.92	0	0	0.0	0.000	0.000	0.0
PM2.5 - Particulate Matter <= 2.5 Microns	NA - M10	tonnes	3.2026	2.0553	55.82	0	0	0.0	0.000	0.000	0.0
Sulphur Dioxide	7446-09-	tonnes	1464.8600	1,405.9201	4.19	0	0	0.0	0.000	0.000	0.0
Volatile Organic Compounds (VOCs)	NA - M16	tonnes	30.0000	29.5555	1.5	0	0	0.0	0.000	0.000	0.0

NOTE: N/A - not applicable

Summary of Reasons for Changes in Quantities

If the change is less than 10%, it is not considered to be significant.

Changes are due to:

- increase in furnace hours
- differences in percentages of materials contained in starting and/or end product
- new stack testing performed in 2015

Toxic Reduction Plan Objectives and Targets

Revolution VSC Acquisition GP Inc. does not currently intend to reduce the use of these toxic substances at the facility because no technically and economically feasible reduction options could be identified. As a result there are no targets set out in the current version of the plans.

ON MOE TRA - Electronic Statement of Certification Annual Report

Certification Statement

TRA Substance List

CAS RN	Substance Name
118-74-1	Hexachlorobenzene
129-00-0	Pyrene
205-99-2	Benzo(b)fluoranthene
206-44-0	Fluoranthene
207-08-9	Benzo(k)fluoranthene
208-96-8	Acenaphthylene
56-55-3	Benzo(a)anthracene
7446-09-5	Sulphur dioxide
7664-93-9	Sulphuric Acid
83-32-9	Acenaphthene
85-01-8	Phenanthrene
86-73-7	Fluorene
NA - 01	Antimony (and its compounds) NA - 02 Arsenic (and its compounds)
NA - 08	Lead (and its compounds)
NA - 12	Selenium (and its compounds) NA - D/F Dioxins and furans - total
NA - M09	PM10 - Particulate Matter <= 10 Microns
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns
NA - M16	Volatile Organic Compounds (VOCs)

Company Name: Revolution VSC Acquisition GP Inc

Highest Ranking Employee: Ross Atkinson

Report Submitted by (or authorized delegate): Demiss Belette

I, the highest ranking employee, agree with the certification statement(s) above and acknowledge that by checking the box I am electronically signing the statement(s). I also acknowledge that by pressing the 'Submit Report(s)' button I am submitting the facility record(s)/report(s) for the identified facility to the Director under the Toxics Reduction Act, 2009. I also acknowledge that the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 provide the authority to the Director under the Act to make certain information as specified in subsection 27(5) of Ontario Regulation 455/09 available to the public.

Report submitted:

Period	Submission	Facility Name	Province	City	Programs
2017	01/06/2017	(see above)	Ontario	Mississauga	NPRI, ON MOE TRA