

Orlick Industries Ltd. – Toxics Reduction Accounting Report for 2016

Basic Facility Information

Name & CAS # of Substance for this Report	Copper – (N/A-06) Zinc – (N/A-14) Particulate Matter (PM10) – N/A-M09 Particulate Matter (PM2.5) – N/A-M10
NPRI ID Number	5906
O.Reg 127/01 ID Number	5654
Legal name of Facility	Orlick Industries Limited
Address of Facility	20 Teal Avenue, Stoney Creek, Ontario L8E 3Y5
Mailing address of Facility	P.O. Box 5190, Hamilton, Ontario L8L 8G1
Number of Full-time Employees	92
NAICS code for Facility (2, 4 and 6 digit)	33, 3363, 336390
Facility Public Contact	Patrick Peidl, Environmental Services, 905-544-1997
Facility UTM Coordinates	17 (zone), 602983.06 m (east), 4788004.60 m (north)
Reporting Date	June 1, 2017

Summary of Toxic Substance Reduction Activities for 2016 reporting year:

As per the Toxic Substance Reduction Plan for Copper, Zinc, Particulate Matter 10 and Particulate Matter 2.5, no options were identified for implementation of a reduction plan. The method of tracking and quantification of these substances have not changed between reporting years. There were no additional activities outside the scope of the plan.

The name of the substance and the Chemical Abstracts Service (CAS) Registry number for the facility:

Name: Copper

CAS Number: N/A-06

TRA and NPRI quantifications for comparison of 2015 to 2016 for Copper:

Categories	Change in Tracking/Quantification	2015 Reporting Year (metric tonnes)	2016 Reporting Year (metric tonnes)	Percent change
Used	No	>10 to 100	>10 to 100	+13%
Created	No	0	0	N/A
Released (air)	No	>0 to 1	>0 to 1	
Released (land)	No	0	0	N/A
Released (water)	No	0	0	N/A
Disposed of (on-site)	No	0	0	N/A
Disposed of (off-site)	No	>0 to 1	>0 to 1	-75%
Transferred (for recycling)	No	>0 to 10	>0 to 10	-27%
Contained in Product	No	>10 to 100	>10 to 100	+19%

If the comparison indicates changes in the quantification of the substance between calendar years, an explanation of the reasons for the change: The increase in the amount used is due to changes in the method used for tracking. The decrease in the amount released to air and the amount transferred for recycling is due to a decrease in production. The decrease in the amount disposed of can be attributed to the fact that an average concentration level that is used is dependent on sample testing results that may vary.

Name: Zinc

CAS Number: N/A-14

TRA and NPRI quantifications for comparison of 2015 to 2016 for Zinc:

Categories	Change in Tracking/Quantification	2015 Reporting Year (metric tonnes)	2016 Reporting Year (metric tonnes)	Percent change
Used	Yes	>10 to 100	>10 to 100	+14%
Created	No	0	0	NA
Released (air)	No	>0 to 1	>0 to 1	-56%
Released (land)	No	0	0	NA
Released (water)	No	0	0	NA
Disposed of (on-site)	No	0	0	NA
Disposed of (off-site)	No	>0 to 1	>0 to 1	-70%
Transferred (for recycling)	No	>0 to 10	>0 to 10	-39%
Contained in Product	No	>10 to 100	>10 to 100	+21%

If the comparison indicates changes in the quantification of the substance between calendar years, an explanation of the reasons for the change: The increase in the amount used is due to changes in the method used for tracking. The decrease in the amount released to air and the amount transferred for recycling is due to a decrease in production. The decrease in the amount disposed of can be attributed to the fact that an average concentration level that is used is dependent on sample testing results that may vary.

Name: Particulate Matter 10

CAS Number: N/A-M09

TRA and NPRI quantifications for comparison of 2015 to 2016 for PM10:

Categories	Change in Tracking/Quantification	2015 Reporting Year (metric tonnes)	2016 Reporting Year (metric tonnes)	Percent change
Used	No	0	0	NA
Created	No	>1 to 10	>1 to 10	-39%
Released (air)	No	>0 to 1	>0 to 1	-15%
Released (land)	No	0	0	NA
Released (water)	No	0	0	NA
Disposed of (on-site)	No	0	0	NA
Disposed of (off-site)	No	0	0	NA
Transferred (for recycling)	No	0	0	NA
Contained in Product	No	0	0	NA

If the comparison indicates changes in the quantification of the substance between calendar years, an explanation of the reasons for the change: This change shows an overall decrease in production compared to previous reporting year.

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Name: Particulate Matter 2.5

CAS Number: N/A-M10

TRA and NPRI quantifications for comparison of 2015 to 2016 for PM2.5:

Categories	Change in Tracking/Quantification	2015 Reporting Year (metric tonnes)	2016 Reporting Year (metric tonnes)	Percent change
Used	No	0	0	NA
Created	No	>1 to 10	>1 to 10	-40%
Released (air)	No	>0 to 1	>0 to 1	-16%
Released (land)	No	0	0	NA
Released (water)	No	0	0	NA
Disposed of (on-site)	No	0	0	NA
Disposed of (off-site)	No	0	0	NA
Transferred (for recycling)	No	0	0	NA
Contained in Product	No	0	0	NA

If the comparison indicates changes in the quantification of the substance between calendar years, an explanation of the reasons for the change: This change shows an overall decrease in production from previous reporting year.

Certification Statement:

Highest Ranking Employee

As of June 15 2017, I, Grant Panchyson, certify that I have read the reports on the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the information contained in the reports is factually accurate and the reports comply with the *Toxics Reduction Act, 2009* and Ontario Regulation 455/09 (General) made under that Act

Copper (and its component), N/A-06

Zinc (and its component), N/A-14

Particulate Matter 10, N/A-M09

Particulate Matter 2.5, N/A-M10

Grant Panchyson (original signature on file at facility)

Assistant General Manager

Orlick Industries Limited