

Orlick Industries Ltd. – Toxics Reduction Accounting Report for 2016

Basic Facility Information

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|--|---|
| <b>Name &amp; CAS # of Substance for this Report</b> | Copper – (N/A-06)<br>Zinc – (N/A-14)<br>Particulate Matter (PM10) – N/A-M09<br>Particulate Matter (PM2.5) – N/A-M10 |
| <b>NPRI ID Number</b>                                | 7239  |
| <b>O.Reg 127/01 ID Number</b>                        | 5657  |
| <b>Legal name of Facility</b>                        | Orlick Industries Limited   |
| <b>Address of Facility</b>                           | 500 Seaman Street, Stoney Creek, Ontario L8E 2V9  |
| <b>Mailing address of Facility</b>                   | P.O. Box 5190, Hamilton, Ontario L8L 8G1  |
| <b>Number of Full-time Employees</b>                 | 172   |
| <b>NAICS code for Facility (2, 4 and 6 digit)</b>    | 33, 3363, 336390  |
| <b>Facility Public Contact</b>                       | Patrick Peidl, Environmental Services, 905-544-1997   |
| <b>Facility UTM Coordinates</b>                      | 17 (zone), 604902.8 m (east), 4787355.72 m (north)  |
| <b>Reporting Date</b>                                | June 1, 2017  |

**Summary of Toxic Substance Reduction Activities for 2016 reporting year:**

As per the Toxic Substance Reduction Plan for Copper, Zinc, Lead, 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                          | +3%            |
| Created                     | No                                | 0                                   | 0                                   | N/A            |
| Released (air)              | No                                | >0 to 1                             | >0 to 1                             | +11%           |
| 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                             | -31%           |
| Transferred (for recycling) | No                                | >10 to 100                          | >1 to 10                            | -39%           |
| Contained in Product        | No                                | >10 to 100                          | >10 to 100                          | +11%           |

**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 increase 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. The decrease in the amount transferred for recycling is due to a reduction in the amount of recyclable material generated as part of the production process.

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                        | No                                | >10 to 100                          | >10 to 100                          | +4%            |
| Created                     | No                                | 0                                   | 0                                   | N/A            |
| Released (air)              | No                                | >0 to 1                             | >0 to 1                             | +11%           |
| 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                             | -48%           |
| Transferred (for recycling) | No                                | >10 to 100                          | > 1 to 10                           | -38%           |
| Contained in Product        | No                                | >10 to 100                          | >10 to 100                          | +11%           |

**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 increase 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. The decrease in the amount transferred for recycling is due to a reduction in the amount of recyclable material generated as part of the production process.

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                                   | N/A            |
| Created                     | Yes                               | >1 to 10                            | >1 to 10                            | +369%          |
| Released (air)              | No                                | >0 to 1                             | >1 to 10                            | +47%           |
| 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                                   | 0                                   | N/A            |
| Transferred (for recycling) | No                                | 0                                   | 0                                   | N/A            |
| Contained in Product        | No                                | 0                                   | 0                                   | N/A            |

**If the comparison indicates a change in the quantification of the substance between calendar years, an explanation of the reasons for the change:** This change shows an overall increase in production. The change in the amount created can be attributed to a change in the method of quantification.

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                                   | N/A            |
| Created                     | Yes                               | >0 to 1                             | >1 to 10                            | +381%          |
| Released (air)              | No                                | >0 to 1                             | >1 to 10                            | +45%           |
| 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                                   | 0                                   | N/A            |
| Transferred (for recycling) | No                                | 0                                   | 0                                   | N/A            |
| Contained in Product        | No                                | 0                                   | 0                                   | N/A            |

**If the comparison indicates a change in the quantification of the substance between calendar years, an explanation of the reasons for the change:** This change shows an overall increase in production. The change in the amount created can be attributed to a change in the method of quantification.

**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 (PM10), N/A-M09

Particulate Matter 2.5 (PM2.5), N/A-M10

Grant Panchyson (original signature on file at facility)

Assistant General Manager  
Orlick Industries Limited