

2018 Public Report of Accounting Results for Koch-Glitsch Canada LP, Uxbridge

1. General Information

| Substance Information | | |
|------------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Substance Name | CAS # | |
| Chromium (and its compounds) | NA – 04 | |
| Cobalt (and its compounds) | NA – 05 | |
| Nickel (and its compounds) | NA – 11 | |
| Particulate Matter <=2.5 micrometers | NA – M10 | |
| Particulate Matter <=10 micrometers | NA – M09 | |
| Facility Information | | |
| Company Name | Koch-Glitsch Canada LP | |
| Facility Address | 18 Dallas Street, Uxbridge, Ontario L9P 1C6 | |
| Site Coordinates (main entrance of site) | 650145 E, 4886270 N, Zone 17 | |
| NPRI ID | 7071 | |
| MOE ID | N/A | |
| Number of Full-Time Employees in 2018 | 111 | |
| 2-Digit NAICS Code | 33 – Manufacturing | |
| 4-Digit NAICS Code | 3329 – Other Fabricated Metal Product Manufacturing | |
| 6-Digit NAICS Code | 332999 – All Other Miscellaneous Fabricated Metal Product Manufacturing | |
| Facility Contact Information | | |
| Public Contact | Paul Brown Manager Group Affairs Phone: 613-548-5320 | E-mail: paul.brown@kochps.com Address: 455 Front Street Kingston, ON K7L 4Z6 |

2. Toxic Substance Accounting Summary

Facility-wide Amounts of Toxic Substances Reported for 2018:

| Substance Name | Used | Created | Contained In Product | Release to Air | Disposed / Recycled |
|--------------------------------------|-----------|-----------|----------------------|----------------|---------------------|
| Chromium (and its compounds) | 10 to 100 | -- | 10 to 100 | 0 to 1 | -- / 1 to 10 |
| Cobalt (and its compounds) | 10 to 100 | 0 to 1 kg | 10 to 100 | 1 to 10 kg | 10 to 100 |
| Nickel (and its compounds) | 10 to 100 | -- | 10 to 100 | 0 to 1 | -- / 1 to 10 |
| Particulate Matter <=2.5 micrometers | -- | 0 to 1 | -- | 0 to 1 | -- |
| Particulate Matter <=10 micrometers | -- | 0 to 1 | -- | 0 to 1 | -- |

NOTE: Units are expressed in tonnes, unless otherwise indicated. '--' indicates not applicable.

3. Quantification Comparison to Previous Year

3.1 Chromium (and its compounds)

| | Unit | 2018 | 2017 | Change (Unit) | Change (%) | Rationale for Change |
|---------------------------|--------|-----------|-----------|---------------|------------|-------------------------------------------------------------------|
| Used | Tonnes | 10 to 100 | 10 to 100 | ↓ 1 to 10 | ↓ 23% | Decrease due to decrease in use of materials containing Chromium. |
| Created | -- | -- | -- | -- | -- | -- |
| Contained In Product | Tonnes | 10 to 100 | 10 to 100 | ↓ 1 to 10 | ↓ 26% | Decrease due to decrease in use of materials containing Chromium. |
| Release to Air | Tonnes | 0 to 1 | 0 to 1 | ↑ 0 to 1 | ↑ 0.9% | No significant change. |
| Release to Water | -- | -- | -- | -- | -- | -- |
| On-site Disposal | -- | -- | -- | -- | -- | -- |
| Transferred for Disposal | -- | -- | -- | -- | -- | -- |
| Transferred for Recycling | Tonnes | 1 to 10 | 1 to 10 | ↑ 1 to 10 | ↑ 4.8% | No significant change. |

3.2 Cobalt (and its compounds)

| | Unit | 2018 | 2017 | Change (Unit) | Change (%) | Rationale for Change |
|---------|------|-----------|--------------|---------------|------------|-----------------------------------------------------------------|
| Used | kg | 10 to 100 | 100 to 1,000 | ↓ 10 to 100 | ↓ 47% | Decrease due to decrease in use of materials containing Cobalt. |
| Created | kg | 0 to 1 | 0 to 1 | ↑ 0 to 1 | ↑ 81% | Decrease due to decrease in use of materials containing |

| | | | | | | |
|---------------------------|----|-----------|--------------|-------------|----------|-----------------------------------------------------------------|
| | | | | | | Cobalt. |
| Contained In Product | kg | 10 to 100 | 100 to 1,000 | ↓ 10 to 100 | ↓ 61% | Decrease due to decrease in use of materials containing Cobalt. |
| Release to Air | kg | 1 to 10 | 1 to 10 | ↑ 0 to 1 | ↑ 2.1% | No significant change. |
| Release to Water | -- | -- | -- | -- | -- | -- |
| On-site Disposal | -- | -- | -- | -- | -- | -- |
| Transferred for Disposal | -- | -- | -- | -- | -- | -- |
| Transferred for Recycling | kg | 10 to 100 | 0 to 1 | ↑ 10 to 100 | ↑ 24755% | Increase in the amount of materials containing cobalt. |

3.3 Nickel (and its compounds)

| | Unit | 2018 | 2017 | Change (Unit) | Change (%) | Rationale for Change |
|---------------------------|--------|-----------|-----------|---------------|------------|-------------------------------------------------------|
| Used | Tonnes | 10 to 100 | 10 to 100 | ↓ 1 to 10 | ↓ 45% | Increase in use of materials containing nickel. |
| Created | -- | -- | -- | -- | -- | -- |
| Contained In Product | Tonnes | 0 to 10 | 10 to 100 | ↓ 1 to 10 | ↓ 49% | Increase in use of materials containing nickel. |
| Release to Air | Tonnes | 0 to 1 | 0 to 1 | ↑ 0 to 1 | ↑ 1% | No significant change. |
| Release to Water | -- | -- | -- | -- | -- | -- |
| On-site Disposal | -- | -- | -- | -- | -- | -- |
| Transferred for Disposal | -- | -- | -- | -- | -- | -- |
| Transferred for Recycling | Tonnes | 1 to 10 | 1 to 10 | ↓ 1 to 10 | ↓ 16% | Decrease in recycling of materials containing Nickel. |

3.4 Particulate Matter <=2.5 micrometers

| | Unit | 2018 | 2017 | Change (Unit) | Change (%) | Rationale for Change |
|--------------------------|--------|--------|--------|---------------|------------|------------------------|
| Used | -- | -- | -- | -- | -- | -- |
| Created | Tonnes | 0 to 1 | 0 to 1 | ↑ 0 to 1 | ↑ 0.8% | No significant change. |
| Contained In Product | -- | -- | -- | -- | -- | -- |
| Release to Air | Tonnes | 0 to 1 | 0 to 1 | ↑ 0 to 1 | ↑ 0.8% | No significant change. |
| Release to Water | -- | -- | -- | -- | -- | -- |
| On-site Disposal | -- | -- | -- | -- | -- | -- |
| Transferred for Disposal | -- | -- | -- | -- | -- | -- |

| | | | | | | |
|---------------------------|----|----|----|----|----|----|
| Transferred for Recycling | -- | -- | -- | -- | -- | -- |
|---------------------------|----|----|----|----|----|----|

3.5 Particulate Matter <=10 micrometers

| | Unit | 2018 | 2017 | Change (Unit) | Change (%) | Rationale for Change |
|---------------------------|--------|--------|---------|---------------|------------|------------------------|
| Used | -- | -- | -- | -- | -- | -- |
| Created | Tonnes | 0 to 1 | 1 to 10 | ↑ 0 to 1 | ↑ 0.8% | No significant change. |
| Contained In Product | -- | -- | -- | -- | -- | -- |
| Release to Air | Tonnes | 0 to 1 | 1 to 10 | ↑ 0 to 1 | ↑ 0.8% | No significant change. |
| Release to Water | -- | -- | -- | -- | -- | -- |
| On-site Disposal | -- | -- | -- | -- | -- | -- |
| Transferred for Disposal | -- | -- | -- | -- | -- | -- |
| Transferred for Recycling | -- | -- | -- | -- | -- | -- |

4. Objectives

Chromium, Cobalt, Nickel, PM10, PM2.5:

Koch-Glitsch Canada LP prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. The objective of this plan is to document the options available to Koch-Glitsch Canada to reduce the creation of particulate matter and use of chromium, and nickel, where feasible and applicable, at the facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time. No options have been identified, and as part of the continuous improvement practices at the facility, technical advances will be monitored for new opportunities to reduce the creation of particulate matter or use of chromium, and nickel in the future.

5. Progress in Implementing Plan

5.1 This section does not apply since no feasible reduction options have been identified for implementation at this time.

For information on on-site releases from the facility, as well as disposal and off-site recycling information, please refer to National Pollutant Release Inventory's website: <http://www.ec.gc.ca/inrp-npri/>.

As of **28 May 2019**, I, Michael McGuire, 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.

Chromium
Cobalt

Nickel

Particulate Matter ≤ 2.5 micrometers

Particulate Matter ≤ 2.5 micrometers

Michael McGuire

President

Koch-Glitsch Canada LP