Appendix H

Public Summary

Table 1 General Facility Information

Company Name	Neo Performance Materials ULC
Facility Name	Neo Performance Materials ULC - Peterborough Facility
Facility Address	625 Neal Drive, Peterborough, Ontario, K9J 6X7
NPRI ID	11713
Ontario MOE ID	-
Employees (full time)	19
Website Address	www.neomaterials.com
NAICS Code	33, 3314, 331410
UTM Coordinates (Zone, Easting, Northing)	17, 715490, 4906084
Public Contact	Jamie Switzer
Contact Information	625 Neal Drive Peterborough Ontario
Person Who Prepared Report	Trevor Copeland, Cambium Inc., Project Engineer
Contact Information	PO Box 325, 52 Hunter Street East, Peterborough Ontario K9H 6Z3 705-742-7900
Parent Company	Neo Performance Materials ULC
Parent Company Address	121 King Street West, Suite 1740, Toronto ON M5H 3T9
Percent Ownership	100%

Table 2 Summary of reasons for changes from previous year

Hydrochloric Acid	Increased Acid use efficiency, decreased production
Sulphuric Acid	Increased Acid use efficiency, decreased production
Arsenic	Changes in Production
Selenium	Changes in production

Table 3 Reduction Plan Information (Hydrochloric Acid)

Objective	Neo intends to reduce its use of Hydrochloric Acid per kilogram of Gallium or Indium produced by 15-20% in the next 2 years through optimization of current leach practices and the introduction of new processing techniques such as Nitric Acid leaching.
Target	15-20%
Timeframe	1 years
Target Description	The reduction target is based on 15% of 2011's Hydrochloric Acid usage. The reduction target is proportional to the kilograms of Gallium or Indium produced at the facility.
Steps taken in 2015	None

Table 4 Reduction Plan Information (Sulphuric Acid)

Objective	Neo intends to reduce its use of Sulphuric Acid per kilogram of Gallium or Indium produced by 15-20% in the next 2 years through optimization of current leach practices and the introduction of new processing techniques such as Nitric Acid leaching.
Target	15-20%
Timeframe	1 years
Target Description	The reduction target is based on 15% of 2011's Sulphuric Acid usage. The reduction target is proportional to the kilograms of Gallium or Indium produced at the facility.
Steps taken in 2015	None

Table 5 Reduction Plan Information (Arsenic)

Objective	Overall usage of Arsenic cannot be included in the reduction target as it is directly linked to the productivity of our company through our primary feed, Gallium Arsenide.
Target	None
Timeframe	None
Target Description	None
Steps taken in 2015	None planned

Table 6 Reduction Plan Information (Selenium)

Objective	While Neo cannot commit to reducing the use of Selenium at the facility due to the nature of the industry, we will improve our toxic substance accounting practices in order to give us better capability to both receive and process these feeds in the future.
Target	None
Timeframe	None
Target Description	None
Steps taken in 2015	None Planned

Table 7 - 2017 Toxics Reduction Act Accounting Reporting

Substance Name	Units	CAS Number	Quantity					
			Amount MPO'd	Disposed	Transferred For Recycling	Contained in Product	Created On-site	Emitted
Hydrochloric acid	Tonne	7647-01-0	**10-100**	0-1	-	-	-	0-1
Sulphuric acid	Tonne	7664-93-9	**10-100**	10-100	-	-	-	0-1
Arsenic	kg	-	**10000-100000**	10000-100000	-	-	-	1-10
Selenium	kg	-	**1000-10000**	10-100	-	-	-	-

Table 8 - 2017 Toxics Reduction Act Comparison to 2016 (units)

Substance Name	Units	CAS Number	Quantity					
			Amount MPO'd	Disposed	Transferred For Recycling	Contained in Product	Created On-site	Emitted
Hydrochloric acid	Tonne	7647-01-0	**-10-100**	-1-10	-	-	-	0
Sulphuric acid	Tonne	7664-93-9	**-1-10**	-1-10	-	-	-	0
Arsenic	kg	-	**-1000-10000**	-1000-10000	-	-	-	0
Selenium	kg	-	**+1000-10000**	0-1	-	-	-	-

Table 9 - 2017 Toxics Reduction Act Comparison to 2016 (percent)

Substance Name		CAS Number	Quantity					
			Amount MPO'd	Disposed	Transferred For Recycling	Contained in Product	Created On-site	Emitted
Hydrochloric acid		7647-01-0	**1%**	-14%	-	-	-	0%
Sulphuric acid		7664-93-9	**-6%**	-19%	-	-	-	0%
Arsenic		-	**-30%**	-27%	-	-	-	0%
Selenium		-	**825%**	0%	-	-	-	-

PUBLIC REPORT CERTIFICATION STATEMENTS

As required, the highest ranking employee at the Facility must complete the following certification statements for each substance reported under the TRA.

ANNUAL REPORT CERTIFICATION STATEMENT

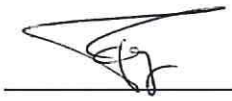
As of June 1st 2018, I, Edgar Peek, certify that I have read the reports on the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the information contained in the reports is factually accurate and the reports comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

[Hydrochloric Acid]

[Sulphuric Acid]

[Arsenic (and its compounds)]

[Selenium (and its compounds)]

Signed:  01/06/2018

Director Technology & Operational Excellence