



National Pollutant Release Inventory (NPRI) and



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Report Preview

Report Details

Report Year	2013
Report Type:	NPRI,ON MOE TRA
Report Status:	Submitted
Modified Date/Time:	12/05/2014 3:47 PM

Company and Facility Details

Company Name:	Kemira Water Solutions Canada Inc.
Business Number:	101532623
Mailing Address:	Address Line 1: 2810 Sheffield road Road City, Province/Territory, Postal Code: Ottawa Ontario k1b 3v9 Country: Canada
Facility Name:	OTTAWA
NAICS Code:	325999
NPRI ID:	6473
ON Reg 127/01 ID:	10054
Physical Address:	Address Line 1: 2810 Sheffield Road City, Province/Territory, Postal Code: Ottawa Ontario K1B3V9 Country: Canada Latitude: 45.39810 Longitude: -75.60220 UTM Zone: 18 UTM Easting: 452867 UTM Northing: 5027352

Parent Companies

Company Name:	Kemira Oyj
Business Number:	1098230
Mailing Address:	Delivery Mode: PostOfficeBox PO Box: 330 Address Line 1: 3 porkkalankatu City, Province/Territory, Postal Code: Helsinki UnorganizedTerritoryOfTheUnitedStates 358 10 8611 Country: FINLAND

Permits

Number or Permit Number:	325189
Government Department, Agency, or Program Name:	NAICs id

Contacts Details

Contact Type	Technical Contact, Person who prepared the report
Name:	Sylvie Côté
Position:	chimiste
Telephone:	4506520665
Fax:	4506527343
Email:	sylvie.cote@kemira.com
Mailing Address:	Address Line 1: 3405 Marie-Victorin Boulevard City, Province/Territory, Postal Code: Varennes Quebec j3x1p7 Country: Canada
Contact Type	Certifying Official, Highest Ranking Employee, Person who coordinated the preparation of the Toxics Reduction Plan
Name:	André Provost
Position:	directeur d'usine
Telephone:	6137465031
Fax:	6137465858
Email:	andre.provost@kemira.com
Mailing Address:	Address Line 1: 2810 Sheffield Street City, Province/Territory, Postal Code: Ottawa Ontario K1B3V9 Country: Canada

General Information

Number of employees:	12
Activities for Which the 20,000-Hour Employee Threshold Does Not Apply:	None of the above
Activities Relevant to Reporting Dioxins, Furans and Hexacholorobenzene:	None of the above
Activities Relevant to Reporting of Polycyclic Aromatic Hydrocarbons (PAHs):	Wood preservation using creosote: No
Is this the first time the facility is reporting to the NPRI (under current or past ownership):	No
Is the facility controlled by another Canadian company or companies:	No
Did the facility report under other environmental regulations or permits:	Yes
Is the facility required to report one or more NPRI Part 4 substances (Criteria Air Contaminants):	No
Operating Schedule - Days of the Week:	Mon, Tue, Wed, Thu, Fri
Usual Number of Operating Hours per day:	16.00
Usual Daily Start Time (24h) (hh:mm):	06/00

Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
7664-93-9	Sulphuric acid	0.0310	N/A	0.0080	N/A	tonnes

Applicable Programs

CAS RN	Substance Name	NPRI	ON MOE TRA	ON MOE Reg 127/01	First report for this substance to the ON MOE TRA
7664-93-9	Sulphuric acid	Yes	Yes		No

General Information about the Substance - Releases and Transfers of the Substance

CAS RN	Substance Name	Was the substance released on-site	The substance will be reported as the sum of releases to all media (total of 1 tonne or less)	1 tonne or more of a Part 5 Substance (Speciated VOC) was released to air
7664-93-9	Sulphuric acid	Yes	Yes	No

General Information about the Substance - Disposals and Off-site Transfers for Recycling

CAS RN	Substance Name	Was the substance disposed of (on-site or off-site), or transferred for treatment prior to final disposal	Is the facility required to report on disposals of tailings and waste rock for the selected reporting period	Was the substance transferred off-site for recycling
7664-93-9	Sulphuric acid	Yes	No	No

General Information about the Substance - Nature of Activities

CAS RN	Substance Name	Manufacture the Substance	Process the Substance	Otherwise Use of the Substance
7664-93-9	Sulphuric acid		As a reactant	

TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained	Quantity	Use ranges for public reporting
7664-93-9	Sulphuric acid	Use	10915 tonnes	Yes
7664-93-9	Sulphuric acid	Creation	0 tonnes	Yes
7664-93-9	Sulphuric acid	Contained	0 tonnes	Yes

TRA Quantifications - Others

CAS RN	Substance Name	Change in Method of Quantification	Reasons for Change	Description of how the change impact tracking and quantification of the substance	Incidents out of the normal course of events	Significant Process Change
7664-93-9	Sulphuric acid					No

Total Quantity Released (All Media)

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
7664-93-9	Sulphuric acid	Total Quantity Released	C - Mass Balance		0.031 tonnes

On-site Releases - Total

On-site Releases - Reasons for Changes in Quantities Released from Previous Year

CAS RN	Substance Name	Reasons for Changes in Quantities Disposed from Previous Year	Comments (Disposals)
7664-93-9	Sulphuric acid	No significant change (i.e. < 10%) or no change	

Disposals - Off-site Transfers (excluding Tailings and Waste Rock)

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
7664-93-9	Sulphuric acid	Chemical Treatment	C - Mass Balance		0.008 tonnes

Disposals - Off-site Transfers (excluding Tailings and Waste Rock) - Total

CAS RN	Substance Name	Total - Treatment Prior to Final Disposal
7664-93-9	Sulphuric acid	0.008 tonnes

Disposals - Off-site Transfers (excluding Tailings and Waste Rock) - By Facilities

CAS RN	Substance Name	Category	Off-site Name	Off-site Address	Quantity
7664-93-9	Sulphuric acid	Chemical Treatment	Drain All Ltd.	1611 Liverpool Court, Ottawa, ON, Canada	0.008 tonnes

Disposals - Off-site Transfers (excluding Tailings and Waste Rock) - Dioxins and Furans Breakdown List By Facility

Category	CAS RN	Substance Name	Off-site Name	Quantity
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Disposals - Total Quantity Disposed (All Media)

CAS RN	Substance Name	Total Quantity Disposed (All Media)
7664-93-9	Sulphuric acid	0.008 tonnes

Disposals - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Disposed	Reasons for Changes in Quantities Disposed from Previous Year	Comments (Disposals)
7664-93-9	Sulphuric acid	Other	No significant change (i.e. < 10%) or no change	

Recycling - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Recycled	Reasons for Changes in Quantities Recycled from Previous Year	Comments
7664-93-9	Sulphuric acid		No significant change (i.e. < 10%) or no change	

Comparison Report - Enters, Creation, Contained in Product

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
7664-93-9	Sulphuric acid	No	Enters the facility (Use)	10915 tonnes	10179 tonnes	2012	736	7.23
7664-93-9	Sulphuric acid	No	Creation	0 tonnes	0 tonnes	2012	0	
7664-93-9	Sulphuric acid	No	Contained	0 tonnes	0 tonnes	2012	0	

Comparison Report - Enters, Creation, Contained in Product : Reason(s) for Change

CAS RN	Substance Name	Reason(s) for Change	Other Reason
7664-93-9	Sulphuric acid	No reasons - quantities approximately the same	

Comparison Report - On-site Releases

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
7664-93-9	Sulphuric acid	No	Total Releases to Air	0 tonnes				
7664-93-9	Sulphuric acid	No	Total Releases to Water	0 tonnes				
7664-93-9	Sulphuric acid	No	Total Releases to Land	0 tonnes				
7664-93-9	Sulphuric acid	No	Total Releases to All Media	0.031 tonnes	0.0284 tonnes	2012	0.0026	9.15

Comparison Report - On-site Releases - Reason(s) for Change

CAS RN	Substance Name	Reason(s) for Change	Other Reason
7664-93-9	Sulphuric acid	No reasons - quantities approximately the same	

Comparison Report - Disposals On-site, Off-site and Tailings and Waste Rock

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
7664-93-9	Sulphuric acid	No	Total On-site Disposals	0 tonnes	0 tonnes	2012	0	
7664-93-9	Sulphuric acid	No	Total Off-site Disposals	0 tonnes	0 tonnes	2012	0	
7664-93-9	Sulphuric acid	No	Total Off-site transfer for treatment Prior to Final Disposal	0.008 tonnes	0.008 tonnes	2010	0.000	0
7664-93-9	Sulphuric acid	No	Total On-site Disposal of Tailings and Waste Rock	0 tonnes	0 tonnes	2012	0	
7664-93-9	Sulphuric acid	No	Total Off-site Disposal of Tailings and Waste Rock	0 tonnes	0 tonnes	2012	0	

Comparison Report - Disposals On-site, Off-site and Tailings and Waste Rock - Reason(s) for Change

CAS RN	Substance Name	Reason(s) for Change	Other Reason
7664-93-9	Sulphuric acid	No reasons - quantities approximately the same	

Pollution Prevention

Does the facility have a documented pollution prevention plan?

Yes

a) Please check all that apply

Plan was required by a P2 Planning Notice published under the Canadian Environmental Protection Act, 1999? Specify name in comments field below.

b) Did the facility update their plan in the current reporting year?

No

c) Does the plan address substances, energy conservation, or water conservation?

Substances

Please summarize your pollution prevention plan and/or your pollution prevention activities (this information will be publicly available)

7664-93-9, Acide sulfurique

Did the facility complete any pollution prevention activities in the current NPRI reporting year

No

Progress on TRA Plan - Objectives

CAS RN	Substance Name	Objectives
7664-93-9	Sulphuric acid	Kemira Water Solutions is part of an international company, specializing in development of drinking water treatment chemicals, specifically coagulants. The Ottawa location produces ALS used in water treatment for municipal and industrial applications, shipping over 39 453 tonnes in 2011. As the use of SA is mandatory in our chemical process, it is impossible for us to reduce the amount used. In order to maintain our high standard of environmental practice, we strive to create minimal pollution, and go to great lengths to assure that risks of air, water, and land contamination are minimal.

Progress on TRA Plan - Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
7664-93-9	Sulphuric acid	No quantity target	No timeline target	

Progress on TRA Plan - Description

CAS RN	Substance Name	Quantity	Years	Description of Target
7664-93-9	Sulphuric acid	No quantity target	No timeline target	

Progress on TRA Plan - Additional Actions

CAS RN	Substance Name	Were there any additional actions outside the plan taken during the reporting period to reduce the use and/or creation of the substance?	Describe any additional actions that were taken during the reporting period to achieve the plan's objectives	Provide a public summary of the description of the additional action taken
7664-93-9	Sulphuric acid	No		

Progress on TRA Plan - Reductions due to additional actions taken

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
7664-93-9	Sulphuric acid	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
7664-93-9	Sulphuric acid	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
7664-93-9	Sulphuric acid	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
7664-93-9	Sulphuric acid	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the additional actions.	
7664-93-9	Sulphuric acid	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the additional actions.	
7664-93-9	Sulphuric acid	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
7664-93-9	Sulphuric acid	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
7664-93-9	Sulphuric acid	The amount of reduction in the substance disposed off-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
7664-93-9	Sulphuric acid	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	

Progress on TRA Plan - Amendments

CAS RN	Substance Name	Were any amendments made to the toxic substance reduction plan during the reporting period	Description any amendments that were made to the toxic substance reduction plan during the reporting period	Provide a public summary of the description of any amendments that were made to the toxic substance reduction plan during the reporting period
7664-93-9	Sulphuric acid	No		

Report Submission and Electronic Certification

NPRI - Electronic Statement of Certification

Specify the language of correspondence

French

Comments (optional)

I hereby certify that I have exercised due diligence to ensure that the submitted information is true and complete. The amounts and values for the facility(ies) identified below are accurate, based on reasonable estimates using available data. The data for the facility(ies) that I represent are hereby submitted to the programs identified below using the Single Window Reporting Application.

I also acknowledge that the data will be made public.

Note: Only the person identified as the Certifying Official or the authorized delegate should submit the report(s) identified below.

Company Name

Kemira Water Solutions Canada Inc.

Certifying Official (or authorized delegate)

André Provost

Report Submitted by

Sylvie Côté

I, the Certifying Official or authorized delegate, agree with the statements above and acknowledge that by pressing the "Submit Report(s)" button, I am electronically certifying and submitting the facility report(s) for the identified company to its affiliated programs.

ON MOE TRA - Electronic Certification Statement

Annual Report Certification Statement

As of 12/05/2014, I, André Provost, 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.

TRA Substance List

CAS RN

Substance Name

7664-93-9

Sulphuric acid

Company Name

Kemira Water Solutions Canada Inc.

Highest Ranking Employee

André Provost

Report Submitted by

Sylvie Côté

Website address

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.

Submitted Report

Period

Submission Date

Facility Name

Province

City

Programs

2013

12/05/2014

OTTAWA

Ontario

Ottawa

NPRI, ON MOE TRA

Note: If there is a change in the contact information for the facility, a change in the owner or operator of the facility, if operations at the facility are terminated, or if information submitted for any previous year was mistaken or inaccurate, please update this information through SWIM or by contacting the National Pollutant Release Inventory directly.





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