



National Pollutant Release Inventory (NPRI) and



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Report Preview

Report Details

Report Year	2015
Report Type:	NPRI,ON MOE TRA
Report Status:	Submitted
Modified Date/Time:	31/05/2016 4:48 PM

Company and Facility Details

Company Name:	Ampacet Canada Co.
Business Number:	896699220
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 101 Sasaga Drive City, Province/Territory, Postal Code: Kitchener Ontario N2C 2G8 Country: Canada
Facility Name:	Ampacet Canada Co.
NAICS Code:	326198
NPRI ID:	931
ON Reg 127/01 ID:	1280500
Physical Address:	Address Line 1: 101 Sasaga Drive City, Province/Territory, Postal Code: Kitchener Ontario N2C2G8 Country: Canada Latitude: 43.40610 Longitude: -80.45310 UTM Zone: 17 UTM Easting: 544332 UTM Northing: 4806047

Permits

Number or Permit Number:	0740-6VSRBC
Government Department, Agency, or Program Name:	MOE

Contacts Details

Contact Type	Technical Contact, Person who prepared the report, Person who coordinated the preparation of the Toxics Reduction Plan
Name:	Gerry Smith
Position:	ISO/H&S Administrator
Telephone:	5197485576

Fax:	5197489767
Email:	gerald.smith@ampacet.com
Contact Type	Certifying Official, Highest Ranking Employee
Name:	Keith Walton
Position:	Plant Manager
Telephone:	5197485576
Fax:	5197489767
Email:	keith.walton@ampacet.com

General Information

Number of employees:	72
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

Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
NA - 19	Hexavalent chromium (and its compounds)	N/A	N/A	109.0000	602.0000	kg
NA - 08	Lead (and its compounds)	N/A	N/A	602.0000	3311.0000	kg

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
NA - 19	Hexavalent chromium (and its compounds)	Yes	Yes		No
NA - 08	Lead (and its compounds)	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
NA - 19	Hexavalent chromium (and its compounds)	No	No	No
NA - 08	Lead (and its compounds)	No	No	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
NA - 19	Hexavalent chromium (and its compounds)	Yes	No	Yes
NA - 08	Lead (and its compounds)	Yes	No	Yes

General Information about the Substance - Nature of Activities

CAS RN	Substance Name	Manufacture the Substance	Process the Substance	Otherwise Use of the Substance
NA - 19	Hexavalent chromium (and its compounds)	For on-site use/processing	As a formulation component	
NA - 08	Lead (and its compounds)	For on-site use/processing	As a formulation component	

TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained	Quantity	Use ranges for public reporting
NA - 19	Hexavalent chromium (and its compounds)	Use	20419 kg	Yes
NA - 19	Hexavalent chromium (and its compounds)	Creation	0 kg	Yes
NA - 19	Hexavalent chromium (and its compounds)	Contained	19707 kg	Yes
NA - 08	Lead (and its compounds)	Use	112941 kg	Yes
NA - 08	Lead (and its compounds)	Creation	0 kg	Yes
NA - 08	Lead (and its compounds)	Contained	109028 kg	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
NA - 19	Hexavalent chromium (and its compounds)	The mass balance is performed using the reportable raw material throughput as a percentage of the total raw material throughput versus the previous year's calculation of reportable raw material throughput calculated from finished good production.	For the purposes of complying with a requirement under an Act, an Act of Canada, or a municipal by-law	Simplifies the reporting calculation.		No
NA - 08	Lead (and its compounds)	The mass balance is performed using the reportable raw material throughput as a percentage of the total raw material throughput versus the previous year's calculation of reportable raw material throughput calculated from finished good production.	For the purposes of complying with a requirement under an Act, an Act of Canada, or a municipal by-law	Simplifies the reporting calculation.		No

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)
NA - 08	Lead (and its compounds)	Changes in production levels Changes in estimation methods	There are no on-site releases.
NA - 19	Hexavalent chromium (and its compounds)	Changes in production levels Changes in estimation methods	There were no on-site releases.

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

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
NA - 19	Hexavalent chromium (and its compounds)	Landfill	C - Mass Balance		109 kg
NA - 08	Lead (and its compounds)	Landfill	C - Mass Balance		602 kg

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

CAS RN	Substance Name	Total - Off-site Disposals
NA - 19	Hexavalent chromium (and its compounds)	109 kg
NA - 08	Lead (and its compounds)	602 kg

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

CAS RN	Substance Name	Category	Off-site Name	Off-site Address	Quantity
NA - 08	Lead (and its compounds)	Landfill	Panda Environmental	132 Earl Thompson Place, North Dumphries, ON, Canada	602 kg
NA - 19	Hexavalent chromium (and its compounds)	Landfill	Panda Environmental	132 Earl Thompson Place, North Dumphries, ON, Canada	109 kg

Disposals - Off-site Disposal (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)
NA - 19	Hexavalent chromium (and its compounds)	109 kg
NA - 08	Lead (and its compounds)	602 kg

Disposals - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Disposed	Reasons for Changes in Quantities Disposed from Previous Year	Comments (Disposals)
NA - 08	Lead (and its compounds)	Production residues Off-specification products	Changes in production levels Changes in estimation methods Other (specify in On-site Releases comment field)	Waste was sent to hazardous waste landfill without treatment through Panada Environmental Services instead of for treatment and disposal through New Alta.
NA - 19	Hexavalent chromium (and its compounds)	Production residues Off-specification products	Changes in production levels Changes in estimation methods	Waste was sent to hazardous waste landfill without treatment through Panada Environmental Services instead of for treatment and disposal through New Alta.

Recycling - Off-site Transfers for Recycling

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
NA - 19	Hexavalent chromium (and its compounds)	Other	C - Mass Balance		602 kg
NA - 08	Lead (and its compounds)	Other	C - Mass Balance		3311 kg

Recycling - Off-site Transfers for Recycling - Total

CAS RN	Substance Name	Total - Off-site Transfers for Recycling
NA - 19	Hexavalent chromium (and its compounds)	602 kg
NA - 08	Lead (and its compounds)	3311 kg

Recycling - Off-site Transfers for Recycling - By Facility

CAS RN	Substance Name	Category	Off-site Name	Off-site Address	Quantity
NA - 08	Lead (and its compounds)	Other	Paradise Distribution and Recycling	574 Sewell Rd, Toronto, ON, Canada	1255 kg
NA - 08	Lead (and its compounds)	Other	Alloy Trading	292 Elgin St. N., Cambridge, ON, Canada	1253 kg
NA - 08	Lead (and its compounds)	Other	Cascades Recovery	66 Shorncliffe Road, Toronto, ON, Canada	803 kg
NA - 19	Hexavalent chromium (and its compounds)	Other	Alloy Trading	292 Elgin St. N., Cambridge, ON, Canada	228 kg
NA - 19	Hexavalent chromium (and its compounds)	Other	Cascades Recovery	66 Shorncliffe Road, Toronto, ON, Canada	146 kg
NA - 19	Hexavalent chromium (and its compounds)	Other	Paradise Distribution and Recycling	574 Sewell Rd, Toronto, ON, Canada	228 kg

Recycling - Off-site Transfers for Recycling - Dioxins and Furans Breakdown List By Facility

Category	CAS RN	Substance Name	Off-site Name	Quantity
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Recycling - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Recycled	Reasons for Changes in Quantities Recycled from Previous Year	Comments
NA - 08	Lead (and its compounds)	Production Residues Off-specification products	Changes in production levels Changes in estimation methods	
NA - 19	Hexavalent chromium (and its compounds)	Production Residues Off-specification products	Changes in production levels Changes in estimation methods	

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
NA - 19	Hexavalent chromium (and its compounds)	No	Enters the facility (Use)	20419 kg	22908 kg	2014	-2489	-10.87
NA - 19	Hexavalent chromium (and its compounds)	No	Creation	0 kg	0 kg	2014	0	
NA - 19	Hexavalent chromium (and its compounds)	No	Contained	19707 kg	22079 kg	2014	-2372	-10.74
NA - 08	Lead (and its compounds)	No	Enters the facility (Use)	112941 kg	125263 kg	2014	-12322	-9.84
NA - 08	Lead (and its compounds)	No	Creation	0 kg	0 kg	2014	0	
NA - 08	Lead (and its compounds)	No	Contained	109028 kg	120727 kg	2014	-11699	-9.69

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - 19	Hexavalent chromium (and its compounds)	Decrease in production levels Change in quantification methodology	
NA - 08	Lead (and its compounds)	Decrease in production levels Change in quantification methodology	

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
NA - 19	Hexavalent chromium (and its compounds)	No	Total On-site Disposals	0 kg	0 kg	2014	0	
NA - 19	Hexavalent chromium (and its compounds)	No	Total Off-site Disposals	109 kg	35 kg	2014	74	211.43
NA - 19	Hexavalent chromium (and its compounds)	No	Total Off-site transfer for treatment Prior to Final Disposal	0 kg	33 kg	2014	-33	-100
NA - 19	Hexavalent chromium (and its compounds)	No	Total On-site Disposal of Tailings and Waste Rock	0 kg	0 kg	2014	0	
NA - 19	Hexavalent chromium (and its compounds)	No	Total Off-site Disposal of Tailings and Waste Rock	0 kg	0 kg	2014	0	
NA - 08	Lead (and its compounds)	No	Total On-site Disposals	0 kg	0 kg	2014	0	
NA - 08	Lead (and its compounds)	No	Total Off-site Disposals	602 kg	369 kg	2014	233	63.14
NA - 08	Lead (and its compounds)	No	Total Off-site transfer for treatment Prior to Final Disposal	0 kg	0 kg	2014	0	
NA - 08	Lead (and its compounds)	No	Total On-site Disposal of Tailings and Waste Rock	0 kg	0 kg	2014	0	
NA - 08	Lead (and its compounds)	No	Total Off-site Disposal of Tailings and Waste Rock	0 kg	0 kg	2014	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
NA - 19	Hexavalent chromium (and its compounds)	Other	Waste sent to hazardous waste landfill without treatment through Panda Environmental instead of for treatment through New Alta.
NA - 08	Lead (and its compounds)	Change in quantification methodology	

Comparison Report - Transfers off-site for Recycling

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
NA - 19	Hexavalent chromium (and its compounds)	No	Total off-site Transfers for Recycling	602 kg	762 kg	2014	-160	-21.00
NA - 08	Lead (and its compounds)	No	Total off-site Transfers for Recycling	3311 kg	4167 kg	2014	-856	-20.54

Comparison Report - Transfers off-site for Recycling - Reason(s) for Change

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - 19	Hexavalent chromium (and its compounds)	Decrease in production levels Change in quantification methodology	
NA - 08	Lead (and its compounds)	Decrease in production levels Other	Improvements in production efficiency. Decrease in yield loss.

Pollution Prevention

Does the facility have a documented pollution prevention plan?

No

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
NA - 19	Hexavalent chromium (and its compounds)	Ampacet Canada prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. Ampacet will strive to optimize the use of Lead, Chromium, and Hexavalent Chromium and reduce releases of these substances 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.

CAS RN	Substance Name	Objectives
NA - 08	Lead (and its compounds)	Ampacet Canada prides itself on technological innovation in order to produce high quality products in an environmentally responsible manner. Ampacet will strive to optimize the use of Lead, Chromium, and Hexavalent Chromium and reduce releases of these substances 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.

Progress on TRA Plan - Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
NA - 19	Hexavalent chromium (and its compounds)	No quantity target	No timeline target	
NA - 08	Lead (and its compounds)	No quantity target	No timeline target	

Progress on TRA Plan - Description

CAS RN	Substance Name	Quantity	Years	Description of Target
NA - 19	Hexavalent chromium (and its compounds)	No quantity target	No timeline target	
NA - 08	Lead (and its compounds)	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
NA - 19	Hexavalent chromium (and its compounds)	No		
NA - 08	Lead (and its compounds)	No		

Progress on TRA Plan - Reductions due to additional actions taken

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
NA - 19	Hexavalent chromium (and its compounds)	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 19	Hexavalent chromium (and its compounds)	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 19	Hexavalent chromium (and its compounds)	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
NA - 19	Hexavalent chromium (and its compounds)	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.	
NA - 19	Hexavalent chromium (and its compounds)	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.	
NA - 19	Hexavalent chromium (and its compounds)	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
NA - 19	Hexavalent chromium (and its compounds)	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.	
NA - 19	Hexavalent chromium (and its compounds)	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.	
NA - 19	Hexavalent chromium (and its compounds)	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	
NA - 08	Lead (and its compounds)	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 08	Lead (and its compounds)	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 08	Lead (and its compounds)	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
NA - 08	Lead (and its compounds)	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.	
NA - 08	Lead (and its compounds)	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.	
NA - 08	Lead (and its compounds)	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
NA - 08	Lead (and its compounds)	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.	
NA - 08	Lead (and its compounds)	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.	
NA - 08	Lead (and its compounds)	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
NA - 19	Hexavalent chromium (and its compounds)	No		
NA - 08	Lead (and its compounds)	No		

Report Submission and Electronic Certification

NPRI - Electronic Statement of Certification

Specify the language of correspondence

English

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

Ampacet Canada Co.

Certifying Official (or authorized delegate)

keith.walton keith.walton

Report Submitted by

Keith Walton

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 31/05/2016, I, keith.walton keith.walton, 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

NA - 19

Hexavalent chromium (and its compounds)

NA - 08

Lead (and its compounds)

Company Name

Ampacet Canada Co.

Highest Ranking Employee

keith.walton keith.walton

Report Submitted by

Keith Walton

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

2015

31/05/2016

Ampacet Canada

Ontario

Kitchener

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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