

Plan Summary Preview

Company Details

Company Legal Name:

A. Berger Precision Ltd.

Company Address:

28 Regan Road, Brampton (Ontario)

Report Details

Facility:

REGAN ROAD FACILITY

Facility Address:

28 Regan Road, Brampton (Ontario)

Update Comments:

Activities

Facility Contacts

Facility Contacts

Public Contact:*

Michael Fyfe

Highest Ranking Employee:

Alexander Berger

Person responsible for preparing the toxic substance reduction plan:

Michael Fyfe

Organization Validation

Company and Parent Company Information

Company Details

Company Legal Name:*

A. Berger Precision Ltd.

Company Trade Name:*

A. Berger precision Ltd.

Business Number:*

100013374

Mailing Address

Delivery Mode:

Suburban Services

PO Box

Rural Route Number

Address Line 1

28 Regan Road

City*

Brampton

Province/Territory**

Ontario

Postal Code:**

L7A1A7

Physical Address

Address Line 1

28 Regan Road

City

Brampton

Province/Territory

Ontario

Postal Code

L7A1A7

Additional Information

Land Survey Description

National Topographical Description

Parent Companies

Facility Validation

Facility Information

Facility:*

REGAN ROAD FACILITY

NAICS Id:*

332720

NPRI Id:*

0000010623

ON Reg 127/01 Id:

9709

Mailing Address

| | |
|----------------------|----------------------|
| Delivery Mode: | <input type="text"/> |
| PO Box | <input type="text"/> |
| Rural Route Number | <input type="text"/> |
| Address Line 1 | 28 Regan Road |
| City* | Brampton |
| Province/Territory** | Ontario |
| Postal Code:** | L7A 1A7 |

Physical Address

| | |
|------------------------------------|----------------------|
| Address Line 1 | 28 Regan Road |
| City | Brampton |
| Province/Territory | Ontario |
| Postal Code | L7A1A7 |
| Additional Information | <input type="text"/> |
| Land Survey Description | <input type="text"/> |
| National Topographical Description | <input type="text"/> |

Geographical Address

| | |
|----------------|-----------|
| Latitude | 43.70360 |
| Longitude | -79.80630 |
| UTM Zone** | 17 |
| UTM Easting** | 596220 |
| UTM Northing** | 4839679 |

Contact Validation

Contacts

Public Contact:

First Name:*

Last Name:*

Position:*

Telephone:*

Ext:

Fax:

Email:*

Mailing Address

Delivery Mode:

PO Box

Rural Route Number

Address Line 1

City*

Province/Territory**

Postal Code:**

Highest Ranking Employee:

First Name:*

Last Name:*

Position:*

Telephone:*

Ext:

Fax:

Email:*

Mailing Address

Delivery Mode:

PO Box

Rural Route Number

Address Line 1

City*

Province/Territory**

Postal Code:**

Person responsible for the Toxic Substance Reduction Plan preparation:

First Name:*

Last Name:*

Position:*

Telephone:*

Ext:

Fax:

Email:*

Mailing Address

Delivery Mode:

PO Box

Rural Route Number

Address Line 1

City*

brampton

Province/Territory**

Ontario

Postal Code:**

l7a 1a7

Employees

Employees

Number of Full-time Employees:*

115

Substances

64742-48-9, Hydrotreated heavy naphtha

64742-48-9, Hydrotreated heavy naphtha

Substances Section Data

Statement of Intent

Use

Does the plan include a statement that stipulates the owner or operator's intent to use less of this toxic substance at their facility?*

Yes

If 'yes', provide the exact statement of intent:**

A.Berger Precision is committed to reducing the environmental impact of its manufacturing operations by implementing the principle of pollution prevention in daily activities. Key activities include continually seeking ways to reduce the usage of toxic substances.

If 'no', what rationale is specified in the plan for not using less of this substance?***

Creation

Does the plan include a statement that stipulates the owner or operator's intent to create less of this toxic substance at their facility?*

No

If 'yes', provide the exact statement of intent:**

If 'no', what rationale is specified in the plan for not creating less of this substance?:***

not created

Objectives, Targets and Description

Plan Objectives

Objectives in plan:*

A.Berger has prepared this toxic substance reduction plan for VOCs to investigate options to reduce the usage of VOCs while supplying customers with products that meet their needs.

Toxic Substance Use Targets

Reduction target:*

| | Quantity | Unit |
|------------------------------------|----------|------|
| <input type="checkbox"/> No target | or 0 | kg |

Timeframe target:*

No target or years

Description of use targets:

Toxic Substance Creation Targets

Reduction target:*

| | Quantity | Unit |
|---|-------------------------|----------------------|
| <input checked="" type="checkbox"/> No target | or <input type="text"/> | <input type="text"/> |

Timeframe target:*

No target or years

Description of creation targets:

Reasons for Using this Toxic Substance

This substance is used at the facility:*

For on-site use/processing

Summarize why this substance is used at the facility:**

It is used as a degreasing agent and in a rust inhibitor

Reasons for Creating this Toxic Substance

This substance is created at the facility:*

This substance is not created at the facility

Summarize why this substance is created at the facility:**

Toxic Reduction Options for Implementation

Toxic substance reduction option(s) to be implemented:

Does the plan specify that no toxic reduction option will be implemented?*

No

If 'No', record the option(s) under the appropriate categories below (e.g., Materials or feedstock substitution; Product design or reformulation). If 'Yes', explain why no option will be implemented.**

Materials or feedstock substitution

Product design or reformulation

Equipment or process modifications

Spill or leak prevention

On-site reuse, recycling or recovery

Improved inventory management or purchasing techniques

Good operator practice or training

Training related to toxics substance reduction

Which activities will be undertaken to implement these reduction options?

Select an option:*

Training related to toxics substance reduction

Describe the option:*

operators will be trained to keep containers closed

Estimates

Estimate of the amount by which the use of the toxic substance at the facility will be reduced as a result of implementing the option:

N/A 0 tonnes 0 %

Estimate of the amount by which the **creation** of the toxic substance at the facility will be reduced as a result of implementing the option:

N/A tonnes %

Estimate of the amount by which the toxic substance **contained in the product** leaving the facility will be reduced as a result of implementing the option:

N/A tonnes %

Estimate of the amount by which the total **releases to air** of the toxic substance at the facility will be reduced as a result of implementing the option:

N/A 0 tonnes 0 %

Estimate of the amount by which the total **releases to water** of the toxic substance at the facility will be reduced as a result of implementing the option:

N/A tonnes %

Estimate of the amount by which the total **releases to land** of the toxic substance at the facility will be reduced as a result of implementing the option:

N/A tonnes %

Estimate of the amount by which the **disposals on-site** (including tailing and waste rock) of the toxic substance at the facility will be reduced as a result on implementing this option:

N/A tonnes %

Estimate of the amount by which the **disposals off-site** of the toxic substance at the facility will be reduced as a result on implementing this option:

N/A tonnes %

Estimate of the amount by which total **recycling off-site** of the toxic substance at the facility will be reduced as a result on implementing this option:

N/A tonnes %

Timelines

Anticipated timelines for achieving the estimated reduction of the use of the toxic substance:

N/A years

Anticipated timelines for achieving the estimated reduction of the creation of the toxic substance:

N/A years

Rationale for choosing these options for implementation:

Summary of actions undertaken outside of the plan to reduce the use and creation of this toxic substance at the facility:

License number of the toxic substance reduction planner who made the recommendations for this substance (format TSRPXXXX):*

License number of the toxic substance reduction planner who certified the plan for this substance (format TSRPXXXX):*

Which version of the plan is reflected in this summary?*

8052-41-3, Stoddard solvent

8052-41-3, Stoddard solvent

Substances Section Data

Statement of Intent

Use

Does the plan include a statement that stipulates the owner or operator's intent to use less of this toxic substance at their facility?*

If 'yes', provide the exact statement of intent:**

A.Berger Precision is committed to reducing the environmental impact of its manufacturing operations by implementing the principle of pollution prevention in daily activities. Key activities include continually seeking ways to reduce the usage of toxic substances.

If 'no', what rationale is specified in the plan for not using less of this substance? **

Creation

Does the plan include a statement that stipulates the owner or operator's intent to create less of this toxic substance at their facility? *

If 'yes', provide the exact statement of intent: **

If 'no', what rationale is specified in the plan for not creating less of this substance?: **

Objectives, Targets and Description

Plan Objectives

Objectives in plan: *

A.Berger has prepared this toxic substance reduction plan for VOCs to investigate options to reduce the usage of VOCs while supplying customers with products that meet their needs. The facility plans to reduce usage of Stoddard Solvent CAS# 8052-41-3 by 75% in 2014.

Toxic Substance Use Targets

Reduction target: *

| | Quantity | Unit |
|------------------------------------|-----------------------------------|---------------------------------|
| <input type="checkbox"/> No target | or | |
| | <input type="text" value="4800"/> | <input type="text" value="kg"/> |

Timeframe target: *

| | | |
|------------------------------------|--------------------------------|-------|
| <input type="checkbox"/> No target | or | |
| | <input type="text" value="1"/> | years |

Description of use targets:

Degreasing bins at machines will be replaced by the end of the second quarter 2013 with smaller bins equipped with lids.

Toxic Substance Creation Targets

Reduction target:*

| | Quantity | Unit |
|---|----------|------|
| <input checked="" type="checkbox"/> No target | or | |

Timeframe target:*

| | | | |
|---|----|--|-------|
| <input checked="" type="checkbox"/> No target | or | | years |
|---|----|--|-------|

Description of creation targets:

Reasons for Using this Toxic Substance

This substance is used at the facility:*

Summarize why this substance is used at the facility:**

Reasons for Creating this Toxic Substance

This substance is created at the facility:*

Summarize why this substance is created at the facility:**

Toxic Reduction Options for Implementation

Toxic substance reduction option(s) to be implemented:

Does the plan specify that no toxic reduction option will be implemented?*

If 'No', record the option(s) under the appropriate categories below (e.g., Materials or feedstock substitution; Product design or reformulation). If 'Yes', explain why no option will be implemented:**

Materials or feedstock substitution

Product design or reformulation

Equipment or process modifications

Modified equipment, layout or piping

Which activities will be undertaken to implement these reduction options?

Select an option:*

Modified equipment, layout or piping

Describe the option:*

Degreasing bins at machines will be replaced by the end of the second quarter 2013 with smaller bins equipped with lids.

Estimates

Estimate of the amount by which the **use** of the toxic substance at the facility will be reduced as a result of implementing the option:

N/A 4.8 tonnes 75 %

Estimate of the amount by which the **creation** of the toxic substance at the facility will be reduced as a result of implementing the option:

N/A tonnes %

Estimate of the amount by which the toxic substance **contained in the product** leaving the facility will be reduced as a result of implementing the option:

N/A tonnes %

Estimate of the amount by which the total **releases to air** of the toxic substance at the facility will be reduced as a result of implementing the option:

N/A 4.8 tonnes 75 %

Estimate of the amount by which the total **releases to water** of the toxic substance at the facility will be reduced as a result of implementing the option:

N/A tonnes %

Estimate of the amount by which the total **releases to land** of the toxic substance at the facility will be reduced as a result of implementing the option:

N/A tonnes %

Estimate of the amount by which the **disposals on-site** (including tailing and waste rock) of the toxic substance at the facility will be reduced as a result on implementing this option:

N/A tonnes %

Estimate of the amount by which the **disposals off-site** of the toxic substance at the facility will be reduced as a result on implementing this option:

N/A tonnes %

Estimate of the amount by which total **recycling off-site** of the toxic substance at the facility will be reduced as a result on implementing this option:

N/A tonnes %

Timelines

Anticipated timelines for achieving the estimated reduction of the **use** of the toxic substance:

N/A years

Anticipated timelines for achieving the estimated reduction of the **creation** of the toxic substance:

N/A years

Spill or leak prevention

On-site reuse, recycling or recovery

Improved inventory management or purchasing techniques

Good operator practice or training

Rationale for choosing these options for implementation:

low cost and easy to implement

Summary of actions undertaken outside of the plan to reduce the use and creation of this toxic substance at the facility:

none

License number of the toxic substance reduction planner who made the recommendations for this substance (format TSRPXXXX):*

TSRP0092

License number of the toxic substance reduction planner who certified the plan for this substance (format TSRPXXXX):*

TSRP0092

Which version of the plan is reflected in this summary?*

New Plan

NA - M09, PM10 - Particulate Matter <= 10 Microns

NA - M09, PM10 - Particulate Matter <= 10 Microns

Substances Section Data

Statement of Intent

Use

Does the plan include a statement that stipulates the owner or operator's intent to use less of this toxic substance at their facility?*

No

If 'yes', provide the exact statement of intent:**

If 'no', what rationale is specified in the plan for not using less of this substance?***

not used

Creation

Does the plan include a statement that stipulates the owner or operator's intent to create less of this toxic substance at their facility?*

Yes

If 'yes', provide the exact statement of intent:**

A.Berger Precision is committed to reducing the environmental impact of its manufacturing operations by implementing the principle of pollution prevention in daily activities. Key activities include continually seeking ways to reduce the creation of toxic substances.

If 'no', what rationale is specified in the plan for not creating less of this substance?***

Objectives, Targets and Description

Plan Objectives

Objectives in plan:*

none

Toxic Substance Use Targets

Reduction target:*

| | Quantity | Unit |
|---|----------|------|
| <input checked="" type="checkbox"/> No target | or | |

Timeframe target:*

No target or years

Description of use targets:

Toxic Substance Creation Targets

Reduction target:*

| | Quantity | Unit |
|---|----------|------|
| <input checked="" type="checkbox"/> No target | or | |

Timeframe target:*

No target or years

Description of creation targets:

Reasons for Using this Toxic Substance

This substance is used at the facility:*

Summarize why this substance is used at the facility:**

Reasons for Creating this Toxic Substance

This substance is created at the facility:*

Summarize why this substance is created at the facility:**

oils are used to cool metalworking machines. some machines create a mist when the oil is recirculated and some of this escapes the enclosure of the machine

Toxic Reduction Options for Implementation

Toxic substance reduction option(s) to be implemented:

Does the plan specify that no toxic reduction option will be implemented?*

Yes

If 'No', record the option(s) under the appropriate categories below (e.g., Materials or feedstock substitution; Product design or reformulation). If 'Yes', explain why no option will be implemented:**

no technically or economically feasible option

Materials or feedstock substitution

Product design or reformulation

Equipment or process modifications

Spill or leak prevention

On-site reuse, recycling or recovery

Improved inventory management or purchasing techniques

Good operator practice or training

Rationale for choosing these options for implementation:

Summary of actions undertaken outside of the plan to reduce the use and creation of this toxic substance at the facility:

none

License number of the toxic substance reduction planner who made the recommendations for this substance (format TSRPXXXX):*

TSRP0092

License number of the toxic substance reduction planner who certified the plan for this substance (format TSRPXXXX):*

TSRP0092

Which version of the plan is reflected in this summary?*

New Plan

Report Preview

Company Details

Name:

A. Berger Precision Ltd.

Address:

28 Regan Road, Brampton (Ontario)

Report Details

Report Status:

Update 1 - Submitted

Reporting Period:

2012

Facility Name:

REGAN ROAD FACILITY

Facility Address:

28 Regan Road, Brampton (Ontario)

Update Comments:

trying to get highest ranking employee to authorize

Activity Details

Applicable Programs

Environment Canada Programs

NPRI - National Pollutant Release Inventory

Partnering Programs

ON MOE TRA - Ontario Ministry of the Environment for the Toxic Reductions Act

ON MOE Reg. 127/01 - Ontario Ministry of the Environment for the Airborne Contaminant Discharge Monitoring and Reporting Regulation

NERM - Chemistry Industry Association of Canada for the National Emission Reduction Masterplan survey

NFPRER - National Framework for Petroleum Refinery Emission Reductions

Contacts

Facility Contacts

Technical Contact:*

Wendy Nadan

Certifying Official (or authorized delegate):*

Alexander Berger

Highest Ranking Employee:*

Alexander Berger

Person who prepared the report:*

Wendy Nadan, Wendy Nadan

Company Coordinator (optional):

Mike Fyfe

Public Contact (optional):

Mike Fyfe

Contractor Contact (optional):

Wendy Nadan

If you are an independent contractor or consultant, please enter your company name in the field below:

Nadan Consulting Ltd

Person who coordinated the preparation of the Toxics Reduction Plan (required after a plan summary has been submitted):

Employees and Activities

Employees

Number of Employees*

123

Activities

Activities for Which the 20,000-Hour Employee Threshold Does Not Apply: (check all that apply)*

None of the above

Activities Relevant to Reporting Dioxins, Furans and Hexachlorobenzene: (check all that apply)*

None of the above

Activities Relevant to Reporting of Polycyclic Aromatic Hydrocarbons (PAHs)

Wood preservation using creosote:*

No

General Facility Information

NPRI

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?*

No

Is the facility required to report one or more NPRI Part 4 substances (Criteria Air Contaminants)?*

Yes

If 'Yes' to reporting for one or more Part 4 substances: Was the facility shut down for more than one week during the year?*

No

Operating Schedule - Days of the Week**

| Mon | Tue | Wed | Thu | Fri | Sat | Sun |
|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Operating Schedule - Hours**

| Usual Number of Operating Hours per day | Usual Daily Start Time (24h) (hh:mm) |
|---|--------------------------------------|
| 24 | 00:00 |

Shutdown Periods**

General Comments for Facility

Comments:

Verify Facility Information

Company Information

Company Details

Company Legal Name

Business Number

Mailing Address

Delivery Mode:

PO Box

Rural Route Number

Address Line 1

City*

Province/Territory**

Postal Code:**

Country*

Facility Information

Facility*

NAICS Id*

NPRI ID*

Physical Address

Address Line 1

City

Province/Territory

Postal Code

Country

Additional Information

Land Survey Description

National Topographical Description

Geographical Address

Latitude

Longitude

UTM Zone

UTM Easting

UTM Northing

Facility Contacts

Contact Types

Technical Contact

First Name:*

Last Name:*

Position:*

Telephone:*

Ext:

Fax:

Email:*

Mailing Address

Delivery Mode:

PO Box

Rural Route Number

Address Line 1

City*

Province/Territory**

Postal Code:**

Country*

Certifying Official

First Name:*

Last Name:*

Position:*

Telephone:*

Ext:

Fax:

Email:*

Mailing Address

Delivery Mode:

PO Box

Rural Route Number

Address Line 1

City*

Province/Territory**

Postal Code:**

Country*

Company Coordinator

First Name:*
 Last Name:*
 Position:*
 Telephone:*
 Ext:
 Fax:
 Email:*

Mailing Address

Delivery Mode:
 PO Box
 Rural Route Number
 Address Line 1
 City*
 Province/Territory**
 Postal Code:**
 Country*

Contractor Contact

First Name:*
 Last Name:*
 Position:*
 Telephone:*
 Ext:

Fax:

Email:*

Mailing Address

Delivery Mode:

PO Box

Rural Route Number

Address Line 1

City*

Province/Territory**

Postal Code:**

Country*

Highest Ranking Employee

First Name:*

Last Name:*

Position:*

Telephone:*

Ext:

Fax:

Email:*

Mailing Address

Delivery Mode:

PO Box

Rural Route Number

Address Line 1

City*

Province/Territory**

Postal Code:**

Country*

Person who prepared the report

First Name:*

Last Name:*

Position:*

Telephone:*

Ext:

Fax:

Email:*

Mailing Address

Delivery Mode:

PO Box

Rural Route Number

Address Line 1

City*

Province/Territory**

Postal Code:**

Country*

Person who coordinated the preparation of the Toxics Reduction Plan

| | |
|--------------|--|
| First Name:* | <input type="text" value="Wendy"/> |
| Last Name:* | <input type="text" value="Nadan"/> |
| Position:* | <input type="text" value="Principal"/> |
| Telephone:* | <input type="text" value="5199404724"/> |
| Ext: | <input type="text"/> |
| Fax: | <input type="text"/> |
| Email:* | <input type="text" value="wendy@nadanconsulting.com"/> |

Mailing Address

| | |
|----------------------|---|
| Delivery Mode: | <input type="text" value="Suburban Services"/> |
| PO Box | <input type="text"/> |
| Rural Route Number | <input type="text"/> |
| Address Line 1 | <input type="text" value="151 Montgomery Boulevard"/> |
| City* | <input type="text" value="Orangeville"/> |
| Province/Territory** | <input type="text" value="Ontario"/> |
| Postal Code:** | <input type="text" value="L9W 5C1"/> |
| Country* | <input type="text" value="Canada"/> |

Public Contact

| | |
|--------------|--|
| First Name:* | <input type="text" value="Mike"/> |
| Last Name:* | <input type="text" value="Fyfe"/> |
| Position:* | <input type="text" value="EHA Manager"/> |
| Telephone:* | <input type="text" value="9058404207"/> |
| Ext: | <input type="text"/> |

Fax:

Email:*

Mailing Address

Delivery Mode:

PO Box

Rural Route Number

Address Line 1

City*

Province/Territory**

Postal Code:**

Country*

Pollution Prevention

Pollution Prevention Plans

Does the facility have a documented facility-wide pollution prevention plan?*

If 'Yes'

a) Please check all that apply

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

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

Pollution Prevention Plan Comments

Pollution Prevention Activities

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

Selecting "Yes" will initiate the reporting of the specific pollution prevention activities that were completed in the current reporting year on the following screen.

Substance Details

NA - 09, Manganese (and its compounds)

NA - 09, Manganese (and its compounds)

Substance Reporting Status

Applicable Programs

NPRI Does this substance meet the criteria specified in the Canada Gazette notice? Selecting "No" indicates voluntary reporting of this substance to the NPRI*

ON MOE TRA Does this substance meet the criteria specified in the Ontario Regulation 455/09 under the TRA? Selecting "No" indicates voluntary reporting of this substance to the ON MOE*

Would you like to create an exit record for this ON MOE TRA substance?*

Is this considered the first report for this substance to the ON MOE TRA? (Please select "Help" for further clarification)*

Comments

General Information

On-site Releases to the Environment

Indicate if there were On-site Releases, Disposals or Off-site Transfers to the environment by choosing Yes or No from the drop-down boxes beside the questions below.

On-site Releases to the Environment

Was the substance released on-site?*

If the substance was released on-site and the total quantity released was less than one tonne, select the check-box below:

The substance will be reported as the sum of releases to all media (total of 1 tonne or less).

Disposals and Off-site Transfers for Recycling

Was the substance disposed of (on-site or off-site), or transferred for treatment prior to final disposal?*

No

Is the facility required to report on disposals of tailings and waste rock for the selected reporting period?*

No

Was the substance transferred off-site for recycling?*

Yes

Nature of Activities*

Manufacture the Substance

Process the Substance

As a formulation component

Otherwise Use of the Substance

TRA Quantifications

Enters the facility (Use), Creation, Contained in Product for ON MOE TRA

Enters the facility (Use)

The amount of substance that enters a process as the substance itself or part of another substance, rolled up at the facility level.

Quantity (Tonnes)

12.155

Do you want to use ranges for public reporting? If "No" is selected you are indicating that any report to the public may contain the exact quantity provided.

No

Creation

The amount of substance that is created

Quantity (Tonnes)

0

Do you want to use ranges for public reporting? If "No" is selected you are indicating that any report to the public may contain the exact quantity provided.

No

Contained in Product

The amount of substance contained in product

Quantity (Tonnes)

7.108

Do you want to use ranges for public reporting? If "No" is selected you are indicating that any report to the public may contain the exact quantity provided.

No

Change in Method of Quantification

There has been a change in the method or combination of methods used to track and quantify the substance during the previous calendar year

Describe the changes**

Select the reason for change.**

Describe how the change impact tracking and quantification of the substance**

Incidents out of the normal course of events

There have been incidents out of the normal course of events that occurred at the facility during the previous calendar year that affected the results of tracking/quantification of this substance.

Explain how tracking and quantifications were affected**

Significant Process Change

There has been a significant process change at the facility during the previous calendar year.

On-site Releases

Reasons for Changes in Quantities Released from Previous Year

Select the applicable reason or reasons*

No significant change (i.e.

Comments ? (On-Site Releases)

Disposals

Reasons for Changes in Quantities Disposed from Previous Year

Select the applicable reason or reasons.

No significant change (i.e.

Comments? (Disposals)

Recycling

Reasons Why Substance Was Recycled

Select one or more reasons.*

Machine or finishing residues

Off-site Transfers for Recycling

Off-site Transfers

| | Basis Of Estimate: | Quantity (Tonnes) |
|---|---------------------|-------------------|
| Energy Recovery | NA - Not Applicable | |
| Recovery of Solvents | NA - Not Applicable | |
| Recovery of Organic Substances (not solvents) | NA - Not Applicable | |
| Recovery of Metals and Metal Compounds | C - Mass Balance | 5.047 |
| Recovery of Inorganic Materials (not metals) | NA - Not Applicable | |
| Recovery of Acids and Bases | NA - Not Applicable | |

| | | |
|--|---------------------|--|
| | | |
| Recovery of Catalysts | NA - Not Applicable | |
| Recovery of Pollution Abatement Residues | NA - Not Applicable | |
| Refining of Re-use of Used Oil | NA - Not Applicable | |
| Other | NA - Not Applicable | |

Total Quantity Recycled

5.047

Assign Disposals / Transfers to Off-site Facilities

Assign Disposals / Transfers to Off-site Facilities

Basis of Estimate for Off-sites

Enter breakdown values for:

Recovery of Metals and Metal Compounds

Basis of Estimate

C - Mass Balance

Quantity (Tonnes)

5.047

Off-site

Waxman Recycling Industries

Off-Site Name

Waxman Recycling Industries

Quantity (Tonnes)

5.047

Address

20 Hyde Ave.

Prov

ON

City

Toronto

Country

Canada

Total Assigned (must equal total reported)

5.047

Reasons for Changes in Quantities Released from Previous Year

Select the applicable reason or reasons*

No significant change (i.e.

Comments? (Recycling)

Comparison Report: Enters, Creation, Contained in Product

Enters the facility (Use)

Enters the facility (Use)

| Quantity (Tonnes) | Last Reported Quantity (Tonnes) | Reporting Period of Last Reported Quantity | Change |
|-------------------|---------------------------------|--|--------|
| % Change | 12.155 | 17.810 | 2011 |
| | | | -5.655 |

Creation

Creation

| Quantity (Tonnes) | Last Reported Quantity (Tonnes) | Reporting Period of Last Reported Quantity | Change |
|-------------------|---------------------------------|--|--------|
| % Change | 0 | 0 | 2011 |
| | | | 0 |

Contained in Product

Contained in Product

| Quantity (Tonnes) | Last Reported Quantity (Tonnes) | Reporting Period of Last Reported Quantity | Change |
|-------------------|---------------------------------|--|--------|
| % Change | 7.108 | 0.783 | 2011 |
| | | | 6.325 |

Reasons for Change

Reasons for Change

Reason(s) for Change

Other

(please specify)

quantity of material shipped offsite for recycling is more accurate

(please specify): quantity of material shipped offsite for recycling is more accurate

Comparison Report: Transfers off-site for Recycling

Total off-site Transfers for Recycling

Total off-site Transfers for Recycling

| Quantity (Tonnes) | Last Reported Quantity (Tonnes) | Reporting Period of Last Reported Quantity | Change |
|-------------------|---------------------------------|--|---------|
| % Change | 5.047 | 17.027 | 2011 |
| | | | -11.980 |

Reasons for Change

Reasons for Change

Reason(s) for Change

Other

(please specify)

quantity sent offsite for recycling is tracked more accurately

(please specify): quantity sent offsite for recycling is tracked more accurately

NA - 08, Lead (and its compounds)

NA - 08, Lead (and its compounds)

Substance Reporting Status

Applicable Programs

NPRIDoes this substance meet the criteria specified in the Canada Gazette notice? Selecting "No" indicates voluntary reporting of this substance to the NPRI*

ON MOE TRADoes this substance meet the criteria specified in the Ontario Regulation 455/09 under the TRA? Selecting "No" indicates voluntary reporting of this substance to the ON MOE*

Would you like to create an exit record for this ON MOE TRA substance?*

Is this considered the first report for this substance to the ON MOE TRA? (Please select "Help" for further clarification)*

Comments

General Information

On-site Releases to the Environment

Indicate if there were On-site Releases, Disposals or Off-site Transfers to the environment by choosing Yes or No from the drop-down boxes beside the questions below.

On-site Releases to the Environment

Was the substance released on-site?*

Disposals and Off-site Transfers for Recycling

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?*

Nature of Activities*

Manufacture the Substance

Process the Substance

As a formulation component

Otherwise Use of the Substance

TRA Quantifications

Enters the facility (Use), Creation, Contained in Product for ON MOE TRA

Enters the facility (Use)

The amount of substance that enters a process as the substance itself or part of another substance, rolled up at the facility level.

Quantity (kg)

382

Do you want to use ranges for public reporting? If "No" is selected you are indicating that any report to the public may contain the exact quantity provided.

No

Creation

The amount of substance that is created

Quantity (kg)

0

Do you want to use ranges for public reporting? If "No" is selected you are indicating that any report to the public may contain the exact quantity provided.

No

Contained in Product

The amount of substance contained in product

Quantity (kg)

223

Do you want to use ranges for public reporting? If "No" is selected you are indicating that any report to the public may contain the exact quantity provided.

No

Change in Method of Quantification

There has been a change in the method or combination of methods used to track and quantify the substance during the previous calendar year

Describe the changes**

Select the reason for change:**

Describe how the change impact tracking and quantification of the substance**

Incidents out of the normal course of events

There have been incidents out of the normal course of events that occurred at the facility during the previous calendar year that affected the results of tracking/quantification of this substance.

Explain how tracking and quantifications were affected**

Significant Process Change

There has been a significant process change at the facility during the previous calendar year.

On-site Releases

Reasons for Changes in Quantities Released from Previous Year

Select the applicable reason or reasons*

No significant change (i.e.

Comments ? (On-Site Releases)

Disposals

Reasons for Changes in Quantities Disposed from Previous Year

Select the applicable reason or reasons.

No significant change (i.e.)

Comments? (Disposals)

Recycling

Reasons Why Substance Was Recycled

Select one or more reasons.*

Machine or finishing residues

Off-site Transfers for Recycling

Off-site Transfers

| | Basis Of Estimate: | Quantity (kg) |
|---|--|----------------------------------|
| Energy Recovery | <input type="text" value="NA - Not Applicable"/> | <input type="text"/> |
| Recovery of Solvents | <input type="text" value="NA - Not Applicable"/> | <input type="text"/> |
| Recovery of Organic Substances (not solvents) | <input type="text" value="NA - Not Applicable"/> | <input type="text"/> |
| Recovery of Metals and Metal Compounds | <input type="text" value="C - Mass Balance"/> | <input type="text" value="159"/> |
| Recovery of Inorganic Materials (not metals) | <input type="text" value="NA - Not Applicable"/> | <input type="text"/> |
| Recovery of Acids and Bases | <input type="text" value="NA - Not Applicable"/> | <input type="text"/> |
| Recovery of Catalysts | <input type="text" value="NA - Not Applicable"/> | <input type="text"/> |
| Recovery of Pollution Abatement Residues | <input type="text" value="NA - Not Applicable"/> | <input type="text"/> |
| Refining of Re-use of Used Oil | <input type="text" value="NA - Not Applicable"/> | <input type="text"/> |
| Other | <input type="text" value="NA - Not Applicable"/> | <input type="text"/> |

Total Quantity Recycled

159

Assign Disposals / Transfers to Off-site Facilities

Assign Disposals / Transfers to Off-site Facilities

Basis of Estimate for Off-sites

Enter breakdown values for:

Recovery of Metals and Metal Compounds

Basis of Estimate

C - Mass Balance

Quantity (kg)

159

Off-site

Waxman Recycling Industries

Off-Site Name

Waxman Recycling Industries

Quantity (kg)

159

Address

20 Hyde Ave.

Prov

ON

City

Toronto

Country

Canada

Total Assigned (must equal total reported)

159

Reasons for Changes in Quantities Released from Previous Year

Select the applicable reason or reasons*

Changes in production levels

Comments? (Recycling)

Comparison Report: Enters, Creation, Contained in Product

Enters the facility (Use)

Enters the facility (Use)

| Quantity (kg) | Last Reported Quantity (kg) | Reporting Period of Last Reported Quantity | Change |
|---------------|-----------------------------|--|--------|
| % Change | 382 | 194 | 2011 |
| | | | 188 |

Creation

Creation

| Quantity (kg) | Last Reported Quantity (kg) | Reporting Period of Last Reported Quantity | Change |
|---------------|-----------------------------|--|--------|
| % Change | 0 | 0 | 2011 |
| | | | 0 |

Contained in Product

Contained in Product

| Quantity (kg) | Last Reported Quantity (kg) | Reporting Period of Last Reported Quantity | Change |
|---------------|-----------------------------|--|--------|
| % Change | 223 | 178 | 2011 |
| | | | 45 |

Reasons for Change

Reasons for Change

Reason(s) for Change

No reasons - quantities approximately the same

(please specify)

Comparison Report: Transfers off-site for Recycling

Total off-site Transfers for Recycling

Total off-site Transfers for Recycling

| Quantity (kg) | Last Reported Quantity (kg) | Reporting Period of Last Reported Quantity | Change |
|---------------|-----------------------------|--|--------|
| % Change | 159 | 16 | 2011 |
| | | | 143 |

Reasons for Change

Reasons for Change

Reason(s) for Change

Other

(please specify)

quantity of metal recycled is tracked more accurately

(please specify): quantity of metal recycled is tracked more accurately

NA - M16, Volatile Organic Compounds (VOCs)

NA - M16, Volatile Organic Compounds (VOCs)

Substance Reporting Status

Applicable Programs

NPRI Does this substance meet the criteria specified in the Canada Gazette notice? Selecting "No" indicates voluntary reporting of this substance to the NPRI*

ON MOE TRA Does this substance meet the criteria specified in the Ontario Regulation 455/09 under the TRA? Selecting "No" indicates voluntary reporting of this substance to the ON MOE*

Yes

Would you like to create VOC exit record(s) for this ON MOE TRA substance?*

No

Is this considered the first report for this substance to the ON MOE TRA? (Please select "Help" for further clarification)*

Yes

Comments

General Information

On-site Releases to the Environment

Select the check box below if your facility met the 1 tonne threshold for Part 5 Substances (Speciated VOC).

On-site Releases to the Environment

Did the facility release to air 1 tonne or more of a Part 5 Substance (Speciated VOC)?

TRA Quantifications

Enters the facility (Use), Creation, Contained in Product for ON MOE TRA

Enters the facility (Use)

The amount of substance that enters a process as the substance itself or part of another substance, rolled up at the facility level.

Quantity (Tonnes)

Volatile Organic Compound (VOC) Breakdown

Details

Enter breakdown values for:

Total Speciated VOCs

VOC Substance list

| CAS Number | Substance Name | Quantity (tonnes) |
|------------|----------------------------|-------------------|
| 8052-41-3 | Stoddard solvent | 6.399 |
| 64742-48-9 | Hydrotreated heavy naphtha | 6.797 |

Total VOCs Reported

Total Speciated VOCs

13.196

Do you want to use ranges for public reporting? If "No" is selected you are indicating that any report to the public may contain the exact quantity provided.

No

Creation

The amount of substance that is created

Quantity (Tonnes)

0

Volatile Organic Compound (VOC) Breakdown

Details

Enter breakdown values for:

Creation

Total Speciated VOCs

0

VOC Substance list

| CAS Number | Substance Name | Quantity (tonnes) |
|------------|----------------------------|-------------------|
| 8052-41-3 | Stoddard solvent | 0 |
| 64742-48-9 | Hydrotreated heavy naphtha | 0 |

Total VOCs Reported

0

Total Speciated VOCs

0

Do you want to use ranges for public reporting? If "No" is selected you are indicating that any report to the public may contain the exact quantity provided.

No

Change in Method of Quantification

There has been a change in the method or combination of methods used to track and quantify the substance during the previous calendar year

Describe the changes**

Select the reason for change:**

Describe how the change impact tracking and quantification of the substance**

Incidents out of the normal course of events

- There have been incidents out of the normal course of events that occurred at the facility during the previous calendar year that affected the results of tracking/quantification of this substance.

Explain how tracking and quantifications were affected**

Significant Process Change

- There has been a significant process change at the facility during the previous calendar year.

On-site Releases

Enter the values for releases to air for the substance

Releases to Air

| | Basis Of Estimate: | Quantity (Tonnes) |
|--------------------------------|---------------------|-------------------|
| Stack or Point Releases | C - Mass Balance | 1.29 |
| Storage or Handling Releases | NA - Not Applicable | |
| Fugitive Releases | C - Mass Balance | 13.196 |
| Spills | NA - Not Applicable | |
| Other Non-point Releases | NA - Not Applicable | |
| Total - Releases to Air | | 14.486 |

Volatile Organic Compound (VOC) Breakdown

Volatile Organic Compound (VOC) Breakdown

Details

Enter breakdown values for:

Other Sources (not from Stacks) - Speciated VOCs

Quantity (Tonnes)

14.486

Total VOCs Reported

14.486

Total Speciated VOCs

13.196

VOC Substance list

| CAS Number | Substance Name | Quantity (tonnes) |
|------------|----------------------------|-------------------|
| 8052-41-3 | Stoddard solvent | 6.399 |
| 64742-48-9 | Hydrotreated heavy naphtha | 6.797 |

Total VOCs Reported

14.486

Total Speciated VOCs

13.196

Enter the values for releases to air for Part 5 VOCs

Releases from Other Sources - Speciated VOCs

| | Basis Of Estimate: | Quantity (Tonnes) |
|--|---------------------|-------------------|
| Other Sources (not from Stacks) - Speciated VOCs | NA - Not Applicable | 14.486 |

Breakdown of Annual Releases

Distribute Equally

Monthly Releases

| January % | February % | March % | April % |
|-------------|------------|------------|------------|
| 8.33 | 8.33 | 8.34 | 8.33 |
| May % | June % | July % | August % |
| 8.33 | 8.34 | 8.33 | 8.33 |
| September % | October % | November % | December % |
| 8.34 | 8.33 | 8.33 | 8.34 |

Total %

100.00

Reasons for Changes in Quantities Released from Previous Year

Select the applicable reason or reasons*

Changes in production levels

Comments ? (On-Site Releases)

NA - M09, PM10 - Particulate Matter <= 10 Microns

NA - M09, PM10 - Particulate Matter <= 10 Microns

Substance Reporting Status

Applicable Programs

NPRIDoes this substance meet the criteria specified in the Canada Gazette notice? Selecting "No" indicates voluntary reporting of this substance to the NPRI*

ON MOE TRADoes this substance meet the criteria specified in the Ontario Regulation 455/09 under the TRA? Selecting "No" indicates voluntary reporting of this substance to the ON MOE*

No

Would you like to create an exit record for this ON MOE TRA substance?*

No

Is this considered the first report for this substance to the ON MOE TRA? (Please select "Help" for further

clarification)*

Yes

Comments

TRA Quantifications

Enters the facility (Use), Creation, Contained in Product for ON MOE TRA

Enters the facility (Use)

The amount of substance that enters a process as the substance itself or part of another substance, rolled up at the facility level.

Quantity (Tonnes)

0

Do you want to use ranges for public reporting? If "No" is selected you are indicating that any report to the public may contain the exact quantity provided.

No

Creation

The amount of substance that is created

Quantity (Tonnes)

1.664

Do you want to use ranges for public reporting? If "No" is selected you are indicating that any report to the public may contain the exact quantity provided.

No

Change in Method of Quantification

There has been a change in the method or combination of methods used to track and quantify the substance during the previous calendar year

Describe the changes**

Select the reason for change:**

Describe how the change impact tracking and quantification of the substance**

Incidents out of the normal course of events

- There have been incidents out of the normal course of events that occurred at the facility during the previous calendar year that affected the results of tracking/quantification of this substance.

Explain how tracking and quantifications were affected**

Significant Process Change

- There has been a significant process change at the facility during the previous calendar year.

On-site Releases

Enter the values for releases to air for the substance

Releases to Air

| | Basis Of Estimate: | Quantity (Tonnes) |
|------------------------------|--|------------------------------------|
| Stack or Point Releases | <input type="text" value="NA - Not Applicable"/> | <input type="text"/> |
| Storage or Handling Releases | <input type="text" value="NA - Not Applicable"/> | <input type="text"/> |
| Fugitive Releases | <input type="text" value="O - Engineering Estimates"/> | <input type="text" value="1.664"/> |
| Spills | <input type="text" value="NA - Not Applicable"/> | <input type="text"/> |
| Other Non-point Releases | <input type="text" value="NA - Not Applicable"/> | <input type="text"/> |
| Road Dust | <input type="text" value="NA - Not Applicable"/> | <input type="text"/> |
| Total - Releases to Air | | <input type="text" value="1.664"/> |

Breakdown of Annual Releases

- Distribute Equally

Monthly Releases

| January % | February % | March % | April % |
|-------------|------------|------------|------------|
| 8.33 | 8.33 | 8.34 | 8.33 |
| May % | June % | July % | August % |
| 8.33 | 8.34 | 8.33 | 8.33 |
| September % | October % | November % | December % |
| 8.34 | 8.33 | 8.33 | 8.34 |

Total %

100.00

Reasons for Changes in Quantities Released from Previous Year

Select the applicable reason or reasons*

No significant change (i.e.

Comments ? (On-Site Releases)

Post Plan Substance Details

NA - 08, Lead (and its compounds)

NA - 08, Lead (and its compounds)

Objectives, Description and Targets

Objectives

Objectives in plan:*

none

Use Targets

What is the targeted reduction in use of the toxic substance at the facility?*

| | Quantity (tonnes) | Unit |
|--|----------------------|----------------------|
| <input checked="" type="checkbox"/> No quantity target | or | |
| | <input type="text"/> | <input type="text"/> |

What is the targeted timeframe for this reduction?*

No timeline target or years

Description of Target:

Creation Targets

What is the targeted reduction in creation of the toxic substance at the facility?*

| | Quantity (tonnes) | Unit |
|--|-------------------------|----------------------|
| <input checked="" type="checkbox"/> No quantity target | or <input type="text"/> | <input type="text"/> |

What is the targeted timeframe for this reduction?*

No timeline target or years

Description of targets:

Actions

Additional Actions

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:**

Reductions due to additional actions taken**

The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.

No Amount kg

The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.

No Amount kg

The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.

No Amount kg

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.

No Amount kg

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.

No Amount kg

The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.

No Amount kg

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.

No Amount kg

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.

No Amount kg

The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.

No Amount kg

Amendments

Amendments

Were any amendments made to the toxic substance reduction plan during the reporting period?*

No

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 - 09, Manganese (and its compounds)

NA - 09, Manganese (and its compounds)

Objectives, Description and Targets

Objectives

Objectives in plan:*

none

Use Targets

What is the targeted reduction in use of the toxic substance at the facility?*

Quantity (tonnes)

Unit

No quantity target

or

What is the targeted timeframe for this reduction?*

No timeline target

or

years

Description of Target:

Creation Targets

What is the targeted reduction in creation of the toxic substance at the

facility?*

Quantity (tonnes)

Unit

No quantity target

or

What is the targeted timeframe for this reduction?*

No timeline target

or

years

Description of targets:

Actions

Additional Actions

Were there any additional actions outside the plan taken during the reporting period to reduce the use and/or creation of the substance?*

No

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:**

Reductions due to additional actions taken**

The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.

No Amount

tonnes

The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.

No Amount

tonnes

The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.

No Amount

tonnes

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.

No Amount tonnes

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.

No Amount tonnes

The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.

No Amount tonnes

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.

No Amount tonnes

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.

No Amount tonnes

The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.

No Amount tonnes

Amendments

Amendments

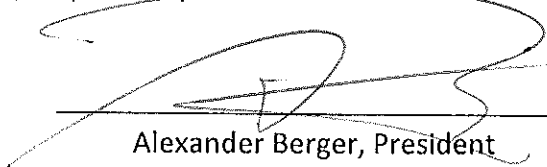
Were any amendments made to the toxic substance reduction plan during the reporting period?*

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**

9.0 Certification

As of December 12, 2013, I, Alexander Berger, certify that I have read the toxic substance reduction plan for PM10 and am familiar with its contents, and to my knowledge the plan is factually accurate and complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.




Alexander Berger, President

12-12-2013

Date

As of December 3, 2013, I, Wendy Nadan certify that I am familiar with the processes at A.Berger that create PM10, that I agree with the estimates referred to in subparagraphs 7 iii, iv and v of subsection 4 (1) of the Toxics Reduction Act, 2009 that are set out in the plan dated December 5, 2013 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.



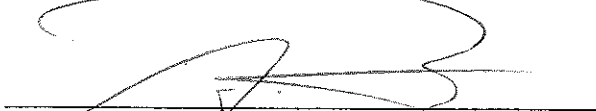
Wendy Nadan, Toxic Substance Reduction Planner

December 5, 2013

Date

9.0 Certification

As of December 12, 2013, I, Alexander Berger, certify that I have read the toxic substance reduction plan for VOCs and am familiar with its contents, and to my knowledge the plan is factually accurate and complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.




Alexander Berger, President

12-12-2013

Date

As of December 3, 2013, I, Wendy Nadan certify that I am familiar with the processes at A.Berger that use or create VOCs, that I agree with the estimates referred to in subparagraphs 7 iii, iv and v of subsection 4 (1) of the Toxics Reduction Act, 2009 that are set out in the plan dated December 2, 2013 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.



Wendy Nadan, Toxic Substance Reduction Planner

December 2, 2013

Date