

# Report Preview

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## Company Details

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Name

Shrader Canada

Address

830 Progress Court, Oakville (Ontario)

## Report Details

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Report Status

Submitted

2014

Report Type

Inventory

Facility Name

SHRADER CANADA

Facility Address

830 Progress Court, Oakville (Ontario)

Update Comments

## Activity Details

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### Applicable Programs

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Please select all that apply.

#### Environment Canada Programs

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NPRI - National Pollutant Release Inventory

#### Partnering Programs

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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

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Select the appropriate person from the drop-down menu for each contact.

## Facility Contacts

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Select the appropriate person from the drop-down menu for each contact.

Technical Contact: \*

Scott Robertson

Certifying Official (or authorized delegate): \*

Graham John

Highest Ranking Employee: \*

Graham John

Person who prepared the report: \*

Scott Robertson

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

Scott Robertson

Company Coordinator (optional)

Scott Robertson

Public Contact (optional)

Scott Robertson

Contractor Contact (optional)

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

## Employees and Activities

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### Employees

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Number of Employees \*

62

## Activities

If your facility was engaged in any of the following activities, check the relevant box(es), otherwise click "None of the Above". For the second "Activities" list, if you select one of these activities then you must report dioxins, furans and hexachlorobenzene.

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)

Did the following activity take place at the facility?

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? \*

Yes

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

No

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

## 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 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)

9

07:00

## Shutdown Periods \*\*

To report a shutdown period, click the "+" sign to the right side of the screen.

Empty

## General Comments for Facility

Comments

The following dates there were no production in 2014 :

Jan 1  
 Jan 29-31 (Inventory)  
 Feb 17 (Family Day)  
 Apr 17 (Good Friday)  
 May 19 (Victoria Day)  
 Jul 1 (Canada Day)  
 Aug 4 (Civic Holiday)  
 Sep 1 (Labour Day)  
 Oct 13 (Thanksgiving)  
 Dec 24-26, 29-31

## Verify Facility Information

### Company Information

#### Company Details

Company Legal Name

Shrader Canada

Business Number

876455148

#### Mailing Address

Delivery Mode

General Delivery

PO Box

Rural Route Number

Address Line 1

830 Progress Court

City \*

Oakville

Province/Territory \*\*

Ontario

Postal Code: \*\*

L6L6K1

Country \*

Canada

## Facility Information

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Facility \*

SHRADER CANADA

NAICS Code \*

324190

NPRI ID \*

2133 (Assigned by Environment Canada)

ON Reg 127/01 ID \*

1425100

## Facility Physical Address

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Address Line 1

830 Progress Court

City

Oakville

Province/Territory

Ontario

Postal Code

L6L6K1

Country

Canada

Additional Information

Land Survey Description

National Topographical Description

## Geographical Address

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Latitude \*\*

43.42780

Longitude \*\*

-79.71690

UTM Zone \*\*

17

UTM Easting \*\*

603982

UTM Northing \*\*

4808832

## Facility Contacts

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## Contact Types

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### Technical Contact

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First Name: *	<input type="text" value="Scott"/>
Last Name: *	<input type="text" value="Robertson"/>
Position: *	<input type="text" value="Manager, Quality &amp; HSE"/>
Telephone: *	<input type="text" value="9058470222"/>
Ext	<input type="text" value="228"/>
Fax	<input type="text" value="9058475405"/>
Email: *	<input type="text" value="srobertson@shradercanada.com"/>

### Mailing Address

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Delivery Mode	<input type="text" value="General Delivery"/>
PO Box	<input type="text"/>
Rural Route Number	<input type="text"/>
Address Line 1	<input type="text" value="830 Progress Court Northwest"/>
City *	<input type="text" value="Oakville"/>
Province/Territory **	<input type="text" value="Ontario"/>
Postal Code: **	<input type="text" value="L6L 6K1"/>
Country *	<input type="text" value="Canada"/>

### Certifying Official

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First Name: *	<input type="text" value="Graham"/>
Last Name: *	<input type="text" value="John"/>
Position: *	<input type="text" value="Manager, Finance &amp; Operations"/>
Telephone: *	<input type="text" value="9058470222"/>
Ext	<input type="text"/>

Fax

Email: \*

## Mailing Address

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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

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Delivery Mode

PO Box

Rural Route Number	<input type="text"/>
Address Line 1	<input type="text" value="830 Progress Court Northwest"/>
City *	<input type="text" value="Oakville"/>
Province/Territory **	<input type="text" value="Ontario"/>
Postal Code: **	<input type="text" value="L6L 6K1"/>
Country *	<input type="text" value="Canada"/>

### Highest Ranking Employee

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First Name: *	<input type="text" value="Graham"/>
Last Name: *	<input type="text" value="John"/>
Position: *	<input type="text" value="Manager, Finance &amp; Operations"/>
Telephone: *	<input type="text" value="9058470222"/>
Ext	<input type="text"/>
Fax	<input type="text"/>
Email: *	<input type="text" value="gjohn@shradercanada.com"/>

### Mailing Address

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Delivery Mode	<input type="text" value="General Delivery"/>
PO Box	<input type="text"/>
Rural Route Number	<input type="text"/>
Address Line 1	<input type="text" value="830 Progress Court"/>
City *	<input type="text" value="Oakville"/>
Province/Territory **	<input type="text" value="Ontario"/>
Postal Code: **	<input type="text" value="L6L 6K1"/>
Country *	<input type="text" value="Canada"/>



## Public Contact

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First Name: *	<input type="text" value="Scott"/>
Last Name: *	<input type="text" value="Robertson"/>
Position: *	<input type="text" value="Manager, Quality &amp; HSE"/>
Telephone: *	<input type="text" value="9058470222"/>
Ext	<input type="text" value="228"/>
Fax	<input type="text" value="9058475405"/>
Email: *	<input type="text" value="srobertson@shradercanada.com"/>

## Mailing Address

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Delivery Mode	<input type="text" value="General Delivery"/>
PO Box	<input type="text"/>
Rural Route Number	<input type="text"/>
Address Line 1	<input type="text" value="830 Progress Court Northwest"/>
City *	<input type="text" value="Oakville"/>
Province/Territory **	<input type="text" value="Ontario"/>
Postal Code: **	<input type="text" value="L6L 6K1"/>
Country *	<input type="text" value="Canada"/>

## Person who prepared the report

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First Name: *	<input type="text" value="Scott"/>
Last Name: *	<input type="text" value="Robertson"/>
Position: *	<input type="text" value="Manager, Quality &amp; HSE"/>
Telephone: *	<input type="text" value="9058470222"/>
Ext	<input type="text" value="228"/>

Fax

Email: \*

### Mailing Address

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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

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First Name: \*

Last Name: \*

Position: \*

Telephone: \*

Ext

Fax

Email: \*

### Mailing Address

---

Delivery Mode

PO Box

Rural Route Number

Address Line 1

830 Progress Court Northwest

City \*

Oakville

Province/Territory \*\*

Ontario

Postal Code: \*\*

L6L 6K1

Country \*

Canada

## Environmental Regulations or Permits

### Permits

#### 3604-949SAF

Number or Permit Number

3604-949SAF

Government Department, Agency, or Program Name

Ontario Ministry of Environment

### Pollution Prevention

#### Pollution Prevention Plans

Does the facility have a documented pollution prevention plan? \*

No

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?

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

## Pollution Prevention Activities

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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

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### 108-88-3, Toluene

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108-88-3, Toluene

## Substance Reporting Status

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### Applicable Programs

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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. \*

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

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

Comments

## General Information about the Substance

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### Releases and Transfers of the Substance

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### Releases and Transfers of the Substance

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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? \*

No

## Nature of Activities \*

Indicate whether the substance was manufactured, processed, or otherwise used, by selecting the nature of such 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) \*\*

16.1

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. \*

Yes

## Creation

The amount of substance that is created

Quantity (Tonnes) \*\*

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. \*

## Contained in Product

The amount of substance contained in product

Quantity (Tonnes) \*\*

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. \*

## 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

Click "Edit" to enter your reportable values. In order to calculate totals, you must click the "Validate" button.

## Total Quantity Released (All Media)

### Releases to All Media

Category	Basis Of Estimate	Quantity (Tonnes)
Total Quantity Released	O - Engineering Estimates	0.025

## Breakdown of Annual Releases

Distribute Equally

### Quarterly Breakdown \*

Jan - Mar %	Apr - Jun %	Jul - Sep %	Oct - Dec %
25	30	25	20

Total %

100

## Reasons for Changes in Quantities Released from Previous Year

Select the applicable reason or reasons \*

Changes in production levels

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. < 10%) or no change

Comments? (Disposals)

## Recycling

### Reasons for Changes in Quantities Recycled from Previous Year

Select the applicable reason or reasons \*

No significant change (i.e. < 10%) or no change

Comments? (Recycling)

### Comparison Report: Enters, Creation, Contained in Product

Ensure that "Last Reported Quantity" and the "Reporting Period of the last reported quantity" reflect current year's reporting to the last year's values. If you selected the pre-population function, the exact values in your previous year's report will be inserted into the current year's template, including the comparison report. Therefore, you will be required to update all values and texts.

#### Enters the facility (Use)

#### Enters the facility (Use)

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
16.1	20.8	2013	-4.7	-22.60

#### Creation

#### Creation

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	

#### Contained in Product

#### Contained in Product

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
16.0	20.1	2013	-4.1	-20.40

#### Reasons for Change

#### Reasons for Change

Reason(s) for Change



No reasons - quantities approximately the same

(please specify)

### Comparison Report: On-site Releases

Ensure that "Last Reported Quantity" and the "Reporting Period of the last reported quantity" reflect current year's reporting to the last year's values. If you selected the pre-population function, the exact values in your previous year's report will be inserted into the current year's template, including the comparison report.

Therefore, you will be required to update all values and texts.

### Total Quantity Released (All Media)

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0.025	0.032	2013	-0.007	-21.88

### Reasons for Change

### Reasons for Change

Reason(s) for Change

No reasons - quantities approximately the same

(please specify)

### 111-76-2, 2-Butoxyethanol

111-76-2, 2-Butoxyethanol

### 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. \*

Yes

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

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

No

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

No

Comments

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## General Information about the Substance

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### Releases and Transfers of the Substance

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### Releases and Transfers of the Substance

Was the substance released on-site? \*

Yes

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).

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### 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? \*

Yes

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? \*

No

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### Nature of Activities \*

Indicate whether the substance was manufactured, processed, or otherwise used, by selecting the nature of such 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) \*\*

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. \*

Creation

The amount of substance that is created

Quantity (Tonnes) \*\*

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. \*

Contained in Product

The amount of substance contained in product

Quantity (Tonnes) \*\*

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. \*

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

Click "Edit" to enter your reportable values. In order to calculate totals, you must click the "Validate" button.

### Total Quantity Released (All Media)

#### Releases to All Media

Category	Basis Of Estimate	Quantity (Tonnes)
Total Quantity Released	O - Engineering Estimates	0.005

### Breakdown of Annual Releases

Distribute Equally

#### Quarterly Breakdown \*

Jan - Mar %	Apr - Jun %	Jul - Sep %	Oct - Dec %
25	30	25	20

Total %

## Reasons for Changes in Quantities Released from Previous Year

Select the applicable reason or reasons \*

No significant change (i.e. < 10%) or no change

Comments ? (On-Site Releases) \*\*

## Disposals

### Reasons Why Substance Was Disposed

Select one or more reasons

Production residues

### On-site Disposal (excluding Tailings and Waste Rock)

Click "Edit" to enter your reportable values. In order to calculate totals, you must click the "Validate" button.

#### On-site Disposal

Category	Basis Of Estimate	Quantity (Tonnes)
Landfill	NA - Not Applicable	
Land Treatment	NA - Not Applicable	
Underground Injection	NA - Not Applicable	

Total - On-site Disposals

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

#### Off-site Disposal

Category	Basis Of Estimate	Quantity (Tonnes)
Landfill	O - Engineering Estimates	0.011
Land Treatment	NA - Not Applicable	
Underground Injection	NA - Not Applicable	

Storage

NA - Not Applicable

Total - Off-site Disposals

0.011

## Assign Disposals / Transfers to Off-site Facilities

Choose the Basis of Estimate and enter the quantity transferred off-site for disposal in the first Quantity box. Then enter the quantity transferred to each off-site in its respective quantity field. If you need to add an off-site facility to the list, click the "+" sign to navigate to the off-site search screen. When you are finished entering all transfer quantities, click "Save and Return".

Assign Disposals / Transfers to Off-site Facilities

## Basis of Estimate for Off-sites

Enter breakdown values for

Landfill

Basis of Estimate

O - Engineering Estimates

Quantity (Tonnes)

0.011

## Off-site

Off-Site Name	Quantity (Tonnes)	Address
Waste Management	0.011	407 McNeilly Road, Stoney Creek, ON, Canada

Total Assigned (must equal total reported)

0.011

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

## Off-site Transfers for Treatment Prior to Final Disposal

Category	Basis Of Estimate	Quantity (Tonnes)
Physical Treatment	NA - Not Applicable	
Chemical Treatment	O - Engineering Estimates	0.063

Biological Treatment	NA - Not Applicable	
Incineration / Thermal	NA - Not Applicable	
Municipal Sewage Treatment Plant	NA - Not Applicable	

Total - Treatment Prior to Final Disposal

0.063

Total Quantity Disposed (All Media)

0.074

### Assign Disposals / Transfers to Off-site Facilities

Choose the Basis of Estimate and enter the quantity transferred off-site for disposal in the first Quantity box. Then enter the quantity transferred to each off-site in its respective quantity field. If you need to add an off-site facility to the list, click the "+" sign to navigate to the off-site search screen. When you are finished entering all transfer quantities, click "Save and Return".

Assign Disposals / Transfers to Off-site Facilities

### Basis of Estimate for Off-sites

Enter breakdown values for

Chemical Treatment

Basis of Estimate

O - Engineering Estimates

Quantity (Tonnes)

0.063

### Off-site

Off-Site Name	Quantity (Tonnes)	Address
RPR Environmental	0.063	164 South Service Rd., Stoney Creek, ON, Canada

Total Assigned (must equal total reported)

0.063

## Reasons for Changes in Quantities Disposed from Previous Year

Select the applicable reason or reasons.

No significant change (i.e. < 10%) or no change

Comments? (Disposals)

## Recycling

### Reasons for Changes in Quantities Recycled from Previous Year

Select the applicable reason or reasons \*

Not applicable (first year reporting this substance)

Comments? (Recycling)

## Comparison Report: Enters, Creation, Contained in Product

Ensure that "Last Reported Quantity" and the "Reporting Period of the last reported quantity" reflect current year's reporting to the last year's values. If you selected the pre-population function, the exact values in your previous year's report will be inserted into the current year's template, including the comparison report. Therefore, you will be required to update all values and texts.

### Enters the facility (Use)

### Enters the facility (Use)

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
13.0	13.1	2013	-0.1	-0.76

### Creation

### Creation

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	

### Contained in Product

### Contained in Product

Quantity (Tonnes)	Last Reported	Reporting Period	Change	% Change
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	Quantity (Tonnes) *	of Last Reported Quantity *		
	11.2	11.327	2013	-0.127
				-1.12

### Reasons for Change

### Reasons for Change

Reason(s) for Change

No reasons - quantities approximately the same

(please specify)

### Comparison Report: On-site Releases

Ensure that "Last Reported Quantity" and the "Reporting Period of the last reported quantity" reflect current year's reporting to the last year's values. If you selected the pre-population function, the exact values in your previous year's report will be inserted into the current year's template, including the comparison report. Therefore, you will be required to update all values and texts.

### Total Quantity Released (All Media)

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0.005	0.005	2013	0.000	0

### Reasons for Change

### Reasons for Change

Reason(s) for Change

No reasons - quantities approximately the same

(please specify)

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

Ensure that "Last Reported Quantity" and the "Reporting Period of the last reported quantity" reflect current year's reporting to the last year's values. If you selected the pre-population function, the exact values in your previous year's report will be inserted into the current year's template, including the comparison report.

Therefore, you will be required to update all values and texts.

**Total On-site Disposals**

**Total On-site Disposals**

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	

**Total Off-site Disposals**

**Total Off-site Disposals**

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0.011	0.011	2013	0.000	0

**Total Off-site transfer for treatment Prior to Final Disposal**

**Total Off-site transfer for treatment Prior to Final Disposal**

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0.063	0.064	2013	-0.001	-1.56

**Total On-site Disposal of Tailings and Waste Rock**

**Total On-site Disposal of Tailings and Waste Rock**

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	

**Total Off-site Disposal of Tailings and Waste Rock**

**Total Off-site Disposal of Tailings and Waste Rock**

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	

## Reasons for Change

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## Reasons for Change

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Reason(s) for Change

No reasons - quantities approximately the same

(please specify)

## 1330-20-7, Xylene (all isomers)

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1330-20-7, Xylene (all isomers)

## Substance Reporting Status

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### Applicable Programs

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

Yes

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

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

No

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

No

Comments

## General Information about the Substance

---

## Releases and Transfers of the Substance

---

## Releases and Transfers of the Substance

---

Was the substance released on-site? \*

Yes

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

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

Yes

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? \*

No

## Nature of Activities \*

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Indicate whether the substance was manufactured, processed, or otherwise used, by selecting the nature of such 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) \*\*

17.2

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. \*

Yes

## 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. \*

Yes

## Contained in Product

---

The amount of substance contained in product

Quantity (Tonnes) \*\*

17.0

---

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. \*

Yes

## 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

Click "Edit" to enter your reportable values. In order to calculate totals, you must click the "Validate" button.

## Total Quantity Released (All Media)

### Releases to All Media

Category	Basis Of Estimate	Quantity (Tonnes)
Total Quantity Released	O - Engineering Estimates	0.020

## Breakdown of Annual Releases

Distribute Equally

### Quarterly Breakdown \*

Jan - Mar %	Apr - Jun %	Jul - Sep %	Oct - Dec %
25	30	25	20

Total %

100

## Reasons for Changes in Quantities Released from Previous Year

Select the applicable reason or reasons \*

Changes in production levels

Comments ? (On-Site Releases) \*\*

## Disposals

### Reasons Why Substance Was Disposed

Select one or more reasons

Production residues, Contaminated materials

## On-site Disposal (excluding Tailings and Waste Rock)

Click "Edit" to enter your reportable values. In order to calculate totals, you must click the "Validate" button.

### On-site Disposal

Category	Basis Of Estimate	Quantity (Tonnes)
----------	-------------------	-------------------

Landfill	NA - Not Applicable	
----------	---------------------	--

Land Treatment	NA - Not Applicable	
----------------	---------------------	--

Underground Injection	NA - Not Applicable	
-----------------------	---------------------	--

Total - On-site Disposals

--

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

### Off-site Disposal

Category	Basis Of Estimate	Quantity (Tonnes)
Landfill	O - Engineering Estimates	0.008
Land Treatment	NA - Not Applicable	
Underground Injection	NA - Not Applicable	
Storage	NA - Not Applicable	

Total - Off-site Disposals

0.008
-------

## Assign Disposals / Transfers to Off-site Facilities

Choose the Basis of Estimate and enter the quantity transferred off-site for disposal in the first Quantity box. Then enter the quantity transferred to each off-site in its respective quantity field. If you need to add an off-site facility to the list, click the "+" sign to navigate to the off-site search screen. When you are finished entering all transfer quantities, click "Save and Return".

Assign Disposals / Transfers to Off-site Facilities

### Basis of Estimate for Off-sites

Enter breakdown values for

Landfill
----------

Basis of Estimate

O - Engineering Estimates

Quantity (Tonnes)

0.008

**Off-site**

Off-Site Name	Quantity (Tonnes)	Address
Waste Management	0.008	407 McNeilly Road, Stoney Creek, ON, Canada

Total Assigned (must equal total reported)

0.008

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

**Off-site Transfers for Treatment Prior to Final Disposal**

Category	Basis Of Estimate	Quantity (Tonnes)
Physical Treatment	NA - Not Applicable	
Chemical Treatment	O - Engineering Estimates	0.08
Biological Treatment	NA - Not Applicable	
Incineration / Thermal	NA - Not Applicable	
Municipal Sewage Treatment Plant	NA - Not Applicable	

Total - Treatment Prior to Final Disposal

0.08

Total Quantity Disposed (All Media)

0.088

**Assign Disposals / Transfers to Off-site Facilities**

Choose the Basis of Estimate and enter the quantity transferred off-site for disposal in the first Quantity box. Then enter the quantity transferred to each off-site in its respective quantity field. If you need to add an off-



site facility to the list, click the "+" sign to navigate to the off-site search screen. When you are finished entering all transfer quantities, click "Save and Return".

Assign Disposals / Transfers to Off-site Facilities

## Basis of Estimate for Off-sites

Enter breakdown values for

Chemical Treatment

Basis of Estimate

O - Engineering Estimates

Quantity (Tonnes)

0.08

## Off-site

Off-Site Name	Quantity (Tonnes)	Address
RPR Environmental	0.08	164 South Service Rd., Stoney Creek, ON, Canada

Total Assigned (must equal total reported)

0.08

## Reasons for Changes in Quantities Disposed from Previous Year

Select the applicable reason or reasons.

Changes in production levels

Comments? (Disposals)

## Recycling

### Reasons for Changes in Quantities Recycled from Previous Year

Select the applicable reason or reasons \*

Not applicable (first year reporting this substance)

Comments? (Recycling)

## Comparison Report: Enters, Creation, Contained in Product

Ensure that “Last Reported Quantity” and the “Reporting Period of the last reported quantity” reflect current year's reporting to the last year's values. If you selected the pre-population function, the exact values in your previous year's report will be inserted into the current year's template, including the comparison report. Therefore, you will be required to update all values and texts.

**Enters the facility (Use)**

---

**Enters the facility (Use)**

---

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
17.2	24.742	2013	-7.542	-30.48

**Creation**

---

**Creation**

---

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	

**Contained in Product**

---

**Contained in Product**

---

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
17.0	26.447	2013	-9.447	-35.72

**Reasons for Change**

---

**Reasons for Change**

---

Reason(s) for Change

Decrease in production levels

(please specify)

**Comparison Report: On-site Releases**

---

Ensure that “Last Reported Quantity” and the “Reporting Period of the last reported quantity” reflect current year's reporting to the last year's values. If you selected the pre-population function, the exact values in your previous year's report will be inserted into the current year's template, including the comparison report.

Therefore, you will be required to update all values and texts.

## Total Quantity Released (All Media)

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0.020	0.30	2013	-0.280	-93.33

## Reasons for Change

### Reasons for Change

Reason(s) for Change

Decrease in production levels

(please specify)

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

Ensure that "Last Reported Quantity" and the "Reporting Period of the last reported quantity" reflect current year's reporting to the last year's values. If you selected the pre-population function, the exact values in your previous year's report will be inserted into the current year's template, including the comparison report.

Therefore, you will be required to update all values and texts.

## Total On-site Disposals

### Total On-site Disposals

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	

## Total Off-site Disposals

### Total Off-site Disposals

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0.008	0.012	2013	-0.004	-33.33

**Total Off-site transfer for treatment Prior to Final Disposal**

**Total Off-site transfer for treatment Prior to Final Disposal**

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0.08	0.12	2013	-0.04	-33.33

**Total On-site Disposal of Tailings and Waste Rock**

**Total On-site Disposal of Tailings and Waste Rock**

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	

**Total Off-site Disposal of Tailings and Waste Rock**

**Total Off-site Disposal of Tailings and Waste Rock**

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	

**Reasons for Change**

**Reasons for Change**

Reason(s) for Change

No reasons - quantities approximately the same

(please specify)

**67-63-0, Isopropyl alcohol**

67-63-0, Isopropyl alcohol

**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. \*

Yes

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

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

No

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

No

Comments

## General Information about the Substance

### Releases and Transfers of the Substance

### Releases and Transfers of the Substance

Was the substance released on-site? \*

Yes

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? \*

Yes

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? \*

No

### Nature of Activities \*

Indicate whether the substance was manufactured, processed, or otherwise used, by selecting the nature of such activities.

Manufacture the Substance

Process the Substance

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) \*\*

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. \*

Creation

The amount of substance that is created

Quantity (Tonnes) \*\*

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. \*

Contained in Product

The amount of substance contained in product

Quantity (Tonnes) \*\*

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. \*

Yes

### 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

Click "Edit" to enter your reportable values. In order to calculate totals, you must click the "Validate" button.

### Total Quantity Released (All Media)

### Releases to All Media

Category	Basis Of Estimate	Quantity (Tonnes)
Total Quantity Released	O - Engineering Estimates	0.15

### Breakdown of Annual Releases

- Distribute Equally

### Quarterly Breakdown \*

Jan - Mar %	Apr - Jun %	Jul - Sep %	Oct - Dec %
25	30	25	20

Total %

100

## Reasons for Changes in Quantities Released from Previous Year

Select the applicable reason or reasons \*

No significant change (i.e. < 10%) or no change

Comments ? (On-Site Releases) \*\*

## Disposals

### Reasons Why Substance Was Disposed

Select one or more reasons

Production residues, Contaminated materials

### On-site Disposal (excluding Tailings and Waste Rock)

Click "Edit" to enter your reportable values. In order to calculate totals, you must click the "Validate" button.

#### On-site Disposal

Category	Basis Of Estimate	Quantity (Tonnes)
Landfill	NA - Not Applicable	
Land Treatment	NA - Not Applicable	
Underground Injection	NA - Not Applicable	

Total - On-site Disposals

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

#### Off-site Disposal

Category	Basis Of Estimate	Quantity (Tonnes)
Landfill	NA - Not Applicable	
Land Treatment	NA - Not Applicable	



Underground Injection	NA - Not Applicable	
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Storage	NA - Not Applicable	
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Total - Off-site Disposals

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

### Off-site Transfers for Treatment Prior to Final Disposal

Category	Basis Of Estimate	Quantity (Tonnes)
Physical Treatment	NA - Not Applicable	
Chemical Treatment	O - Engineering Estimates	0.5
Biological Treatment	NA - Not Applicable	
Incineration / Thermal	NA - Not Applicable	
Municipal Sewage Treatment Plant	NA - Not Applicable	

Total - Treatment Prior to Final Disposal

Total Quantity Disposed (All Media)

## Assign Disposals / Transfers to Off-site Facilities

Choose the Basis of Estimate and enter the quantity transferred off-site for disposal in the first Quantity box. Then enter the quantity transferred to each off-site in its respective quantity field. If you need to add an off-site facility to the list, click the "+" sign to navigate to the off-site search screen. When you are finished entering all transfer quantities, click "Save and Return".

Assign Disposals / Transfers to Off-site Facilities

### Basis of Estimate for Off-sites

Enter breakdown values for

Chemical Treatment

Basis of Estimate

O - Engineering Estimates

Quantity (Tonnes)

0.5

Off-site

Off-Site Name	Quantity (Tonnes)	Address
RPR Environmental	0.5	164 South Service Rd., Stoney Creek, ON, Canada

Total Assigned (must equal total reported)

0.5

Reasons for Changes in Quantities Disposed from Previous Year

Select the applicable reason or reasons.

No significant change (i.e. < 10%) or no change

Comments? (Disposals)

Recycling

Reasons for Changes in Quantities Recycled from Previous Year

Select the applicable reason or reasons \*

No significant change (i.e. < 10%) or no change

Comments? (Recycling)

Comparison Report: Enters, Creation, Contained in Product

Ensure that "Last Reported Quantity" and the "Reporting Period of the last reported quantity" reflect current year's reporting to the last year's values. If you selected the pre-population function, the exact values in your previous year's report will be inserted into the current year's template, including the comparison report.

Therefore, you will be required to update all values and texts.

Enters the facility (Use)

## Enters the facility (Use)

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
107.2	108.003	2013	-0.803	-0.74

## Creation

### Creation

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	

## Contained in Product

### Contained in Product

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
100.9	99.125	2013	1.775	1.79

## Reasons for Change

### Reasons for Change

Reason(s) for Change

No reasons - quantities approximately the same

(please specify)

## Comparison Report: On-site Releases

Ensure that "Last Reported Quantity" and the "Reporting Period of the last reported quantity" reflect current year's reporting to the last year's values. If you selected the pre-population function, the exact values in your previous year's report will be inserted into the current year's template, including the comparison report. Therefore, you will be required to update all values and texts.

## Total Quantity Released (All Media)

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
-------------------	-----------------------------------	--	--------	----------

0.15	0.151	2013	-0.001	-0.66
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**Reasons for Change**

**Reasons for Change**

Reason(s) for Change

No reasons - quantities approximately the same

(please specify)

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

Ensure that "Last Reported Quantity" and the "Reporting Period of the last reported quantity" reflect current year's reporting to the last year's values. If you selected the pre-population function, the exact values in your previous year's report will be inserted into the current year's template, including the comparison report. Therefore, you will be required to update all values and texts.

**Total On-site Disposals**

**Total On-site Disposals**

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	

**Total Off-site Disposals**

**Total Off-site Disposals**

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	

**Total Off-site transfer for treatment Prior to Final Disposal**

**Total Off-site transfer for treatment Prior to Final Disposal**

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0.5	0.524	2013	-0.024	-4.58

**Total On-site Disposal of Tailings and Waste Rock**

**Total On-site Disposal of Tailings and Waste Rock**

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	

**Total Off-site Disposal of Tailings and Waste Rock**

**Total Off-site Disposal of Tailings and Waste Rock**

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	

**Reasons for Change**

**Reasons for Change**

Reason(s) for Change

No reasons - quantities approximately the same

(please specify)

**67-64-1, Acetone**

67-64-1, Acetone

**Substance Reporting Status**

**Applicable Programs**

ON MOE Reg. 127/01 Does this substance meet the criteria specified in the Ontario Regulation 127/01? Selecting "No" indicates voluntary reporting of this substance to the ON MOE \*

Yes

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

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

No

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

No

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) \*\*

79.1

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. \*

Yes

## 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. \*

Yes

## 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

Click "Edit" to enter your reportable values. In order to calculate totals, you must click the "Validate" button.

### Enter the values for releases to air for the substance

#### Releases to Air

Category	Basis Of Estimate	Quantity (Tonnes)
Stack or Point Releases	NA - Not Applicable	
Storage or Handling Releases	O - Engineering Estimates	0.1
Fugitive Releases	O - Engineering Estimates	0.1
Spills	NA - Not Applicable	
Other Non-point Releases	NA - Not Applicable	

Total - Releases to Air

### Comparison Report: Enters, Creation, Contained in Product

Ensure that "Last Reported Quantity" and the "Reporting Period of the last reported quantity" reflect current year's reporting to the last year's values. If you selected the pre-population function, the exact values in your previous year's report will be inserted into the current year's template, including the comparison report.

Therefore, you will be required to update all values and texts.

Enters the facility (Use)

---

Enters the facility (Use)

---

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
79.1	89.418	2013	-10.318	-11.54

Creation

---

Creation

---

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	

Reasons for Change

---

Reasons for Change

---

Reason(s) for Change

Decrease in production levels

(please specify)

Comparison Report: On-site Releases

---

Ensure that "Last Reported Quantity" and the "Reporting Period of the last reported quantity" reflect current year's reporting to the last year's values. If you selected the pre-population function, the exact values in your previous year's report will be inserted into the current year's template, including the comparison report.

Therefore, you will be required to update all values and texts.

Total Releases to Air

---

Total Releases to Air

---

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0.2	0.226	2013	-0.026	-11.50

Total Releases to Water

---



## Total Releases to Water

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	

## Total Releases to Land

## Total Releases to Land

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	

## Reasons for Change

## Reasons for Change

Reason(s) for Change

Decrease in production levels

(please specify)

## 95-63-6, 1,2,4-Trimethylbenzene

95-63-6, 1,2,4-Trimethylbenzene

## 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. \*

Yes

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

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

No

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

No

Comments

## General Information about the Substance

### Releases and Transfers of the Substance

### Releases and Transfers of the Substance

Was the substance released on-site? \*

Yes

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? \*

Yes

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? \*

No

## Nature of Activities \*

Indicate whether the substance was manufactured, processed, or otherwise used, by selecting the nature of such 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) \*\*

64.3

---

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. \*

Yes

---

#### 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. \*

Yes

---

#### Contained in Product

---

The amount of substance contained in product

Quantity (Tonnes) \*\*

62.5

---

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. \*

Yes

---

#### 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

Click "Edit" to enter your reportable values. In order to calculate totals, you must click the "Validate" button.

### Total Quantity Released (All Media)

#### Releases to All Media

Category	Basis Of Estimate	Quantity (Tonnes)
Total Quantity Released	O - Engineering Estimates	0.01

### Breakdown of Annual Releases

Distribute Equally

#### Quarterly Breakdown \*

Jan - Mar %	Apr - Jun %	Jul - Sep %	Oct - Dec %
25	30	25	20

Total %

### Reasons for Changes in Quantities Released from Previous Year

Select the applicable reason or reasons \*

Comments ? (On-Site Releases) \*\*

## Disposals

### Reasons Why Substance Was Disposed

Select one or more reasons

### On-site Disposal (excluding Tailings and Waste Rock)

Click "Edit" to enter your reportable values. In order to calculate totals, you must click the "Validate" button.

#### On-site Disposal

Category	Basis Of Estimate	Quantity (Tonnes)
<input type="text" value="Landfill"/>	<input type="text" value="NA - Not Applicable"/>	<input type="text"/>
<input type="text" value="Land Treatment"/>	<input type="text" value="NA - Not Applicable"/>	<input type="text"/>
<input type="text" value="Underground Injection"/>	<input type="text" value="NA - Not Applicable"/>	<input type="text"/>

Total - On-site Disposals

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

#### Off-site Disposal

Category	Basis Of Estimate	Quantity (Tonnes)
<input type="text" value="Landfill"/>	<input type="text" value="O - Engineering Estimates"/>	<input type="text" value="0.060"/>
<input type="text" value="Land Treatment"/>	<input type="text" value="NA - Not Applicable"/>	<input type="text"/>
<input type="text" value="Underground Injection"/>	<input type="text" value="NA - Not Applicable"/>	<input type="text"/>
<input type="text" value="Storage"/>	<input type="text" value="NA - Not Applicable"/>	<input type="text"/>

Total - Off-site Disposals

## Assign Disposals / Transfers to Off-site Facilities

Choose the Basis of Estimate and enter the quantity transferred off-site for disposal in the first Quantity box. Then enter the quantity transferred to each off-site in its respective quantity field. If you need to add an off-site facility to the list, click the "+" sign to navigate to the off-site search screen. When you are finished entering all transfer quantities, click "Save and Return".

Assign Disposals / Transfers to Off-site Facilities

### Basis of Estimate for Off-sites

Enter breakdown values for

Landfill

Basis of Estimate

O - Engineering Estimates

Quantity (Tonnes)

0.060

### Off-site

Off-Site Name	Quantity (Tonnes)	Address
Waste Management	0.060	407 McNeilly Road, Stoney Creek, ON, Canada

Total Assigned (must equal total reported)

0.060

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

### Off-site Transfers for Treatment Prior to Final Disposal

Category	Basis Of Estimate	Quantity (Tonnes)
Physical Treatment	NA - Not Applicable	
Chemical Treatment	O - Engineering Estimates	0.312
Biological Treatment	NA - Not Applicable	
Incineration / Thermal	NA - Not Applicable	

Municipal Sewage Treatment Plant

NA - Not Applicable

Total - Treatment Prior to Final Disposal

0.312

Total Quantity Disposed (All Media)

0.372

## Assign Disposals / Transfers to Off-site Facilities

Choose the Basis of Estimate and enter the quantity transferred off-site for disposal in the first Quantity box. Then enter the quantity transferred to each off-site in its respective quantity field. If you need to add an off-site facility to the list, click the "+" sign to navigate to the off-site search screen. When you are finished entering all transfer quantities, click "Save and Return".

Assign Disposals / Transfers to Off-site Facilities

### Basis of Estimate for Off-sites

Enter breakdown values for

Chemical Treatment

Basis of Estimate

O - Engineering Estimates

Quantity (Tonnes)

0.312

### Off-site

Off-Site Name	Quantity (Tonnes)	Address
RPR Environmental	0.312	164 South Service Rd., Stoney Creek, ON, Canada

Total Assigned (must equal total reported)

0.312

### Reasons for Changes in Quantities Disposed from Previous Year

Select the applicable reason or reasons.

No significant change (i.e. < 10%) or no change

Comments? (Disposals)

## Recycling

### Reasons for Changes in Quantities Recycled from Previous Year

Select the applicable reason or reasons \*

Comments? (Recycling)

## Comparison Report: Enters, Creation, Contained in Product

Ensure that "Last Reported Quantity" and the "Reporting Period of the last reported quantity" reflect current year's reporting to the last year's values. If you selected the pre-population function, the exact values in your previous year's report will be inserted into the current year's template, including the comparison report.

Therefore, you will be required to update all values and texts.

### Enters the facility (Use)

### Enters the facility (Use)

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
<input type="text" value="64.3"/>	<input type="text" value="64.317"/>	<input type="text" value="2013"/>	<input type="text" value="-0.017"/>	<input type="text" value="-0.03"/>

### Creation

### Creation

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="2013"/>	<input type="text" value="0"/>	<input type="text"/>

### Contained in Product

### Contained in Product

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
<input type="text" value="62.5"/>	<input type="text" value="62.430"/>	<input type="text" value="2013"/>	<input type="text" value="0.070"/>	<input type="text" value="0.11"/>



## Reasons for Change

### Reasons for Change

Reason(s) for Change

No reasons - quantities approximately the same

(please specify)

## Comparison Report: On-site Releases

Ensure that “Last Reported Quantity” and the “Reporting Period of the last reported quantity” reflect current year's reporting to the last year's values. If you selected the pre-population function, the exact values in your previous year's report will be inserted into the current year's template, including the comparison report. Therefore, you will be required to update all values and texts.

### Total Quantity Released (All Media)

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0.01	0.011	2013	-0.001	-9.09

## Reasons for Change

### Reasons for Change

Reason(s) for Change

No reasons - quantities approximately the same

(please specify)

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

Ensure that “Last Reported Quantity” and the “Reporting Period of the last reported quantity” reflect current year's reporting to the last year's values. If you selected the pre-population function, the exact values in your previous year's report will be inserted into the current year's template, including the comparison report. Therefore, you will be required to update all values and texts.

### Total On-site Disposals

### Total On-site Disposals

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	

Total Off-site Disposals

Total Off-site Disposals

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0.060	0.060	2013	0.000	0

Total Off-site transfer for treatment Prior to Final Disposal

Total Off-site transfer for treatment Prior to Final Disposal

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0.312	0.312	2013	0.000	0

Total On-site Disposal of Tailings and Waste Rock

Total On-site Disposal of Tailings and Waste Rock

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	

Total Off-site Disposal of Tailings and Waste Rock

Total Off-site Disposal of Tailings and Waste Rock

Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	

Reasons for Change

Reasons for Change

Reason(s) for Change

No reasons - quantities approximately the same

(please specify)

## Post Plan Substance Details

108-88-3, Toluene

108-88-3, Toluene

## Objectives, Description and Targets

This information is read-only and is pulled directly from your most recent submitted Plan Summary. To make changes to the information on this screen, please update your plan summary and re-submit. For more details about updating the plan summary, please select "Help".

### Objectives

Objectives in plan: \*

Shrader does not plan on implementing any of the options that have been identified as technically and economically feasible for any of its six reportable substances at this time.

### Use Targets

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

**No quantity target**

**Quantity**

**Unit**

or



What is the targeted timeframe for this reduction? \*

**No timeline target**

**years**

or

Description of Target

### Creation Targets

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

**No quantity target**

**Quantity**

**Unit**

or

**What is the targeted timeframe for this reduction? \***

**No timeline target** **years**

or

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

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### Amendments

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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 \*\*

111-76-2, 2-Butoxyethanol

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111-76-2, 2-Butoxyethanol

## Objectives, Description and Targets

This information is read-only and is pulled directly from your most recent submitted Plan Summary. To make changes to the information on this screen, please update your plan summary and re-submit. For more details about updating the plan summary, please select "Help".

### Objectives

Objectives in plan: \*

Shrader does not plan on implementing any of the options that have been identified as technically and economically feasible for any of its six reportable substances at this time.

### Use Targets

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

No quantity target		Quantity	Unit
<input checked="" type="checkbox"/>	or	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>

What is the targeted timeframe for this reduction? \*

No timeline target		years
<input checked="" type="checkbox"/>	or	<input style="width: 100%;" type="text"/>

Description of Target

### Creation Targets

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

No quantity target		Quantity	Unit
<input checked="" type="checkbox"/>	or	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>

What is the targeted timeframe for this reduction? \*

No timeline target	years
<input type="checkbox"/>	<input style="width: 100%;" type="text"/>

or

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  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

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## 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 \*\*

## 1330-20-7, Xylene (all isomers)

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1330-20-7, Xylene (all isomers)

## Objectives, Description and Targets

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This information is read-only and is pulled directly from your most recent submitted Plan Summary. To make



changes to the information on this screen, please update your plan summary and re-submit. For more details about updating the plan summary, please select "Help".

## Objectives

Objectives in plan: \*

Shrader does not plan on implementing any of the options that have been identified as technically and economically feasible for any of its six reportable substances at this time.

## Use Targets

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

<b>No quantity target</b>	<b>Quantity</b>	<b>Unit</b>
<input checked="" type="checkbox"/>	or	<input style="width: 100%;" type="text"/>

What is the targeted timeframe for this reduction? \*

<b>No timeline target</b>	<b>years</b>
<input checked="" type="checkbox"/>	<input style="width: 100%;" type="text"/>

Description of Target

## Creation Targets

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

<b>No quantity target</b>	<b>Quantity</b>	<b>Unit</b>
<input checked="" type="checkbox"/>	or	<input style="width: 100%;" type="text"/>

What is the targeted timeframe for this reduction? \*

<b>No timeline target</b>	<b>years</b>
<input checked="" type="checkbox"/>	<input style="width: 100%;" type="text"/>

Description of targets

## Actions

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### 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

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### 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 \*\*

## 67-63-0, Isopropyl alcohol

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67-63-0, Isopropyl alcohol

## Objectives, Description and Targets

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This information is read-only and is pulled directly from your most recent submitted Plan Summary. To make changes to the information on this screen, please update your plan summary and re-submit. For more details about updating the plan summary, please select "Help".

### Objectives

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Objectives in plan: \*

Shrader does not plan on implementing any of the options that have been identified as technically and economically feasible for any of its six reportable substances at this time.

## Use Targets

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

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

What is the targeted timeframe for this reduction? \*

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

Description of Target

## Creation Targets

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

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

What is the targeted timeframe for this reduction? \*

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

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

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### 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 \*\*

## 67-64-1, Acetone

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67-64-1, Acetone

## Objectives, Description and Targets

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This information is read-only and is pulled directly from your most recent submitted Plan Summary. To make changes to the information on this screen, please update your plan summary and re-submit. For more details about updating the plan summary, please select "Help".

### Objectives

---

Objectives in plan: \*

## Use Targets

---

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

No quantity target

Quantity

Unit

or



What is the targeted timeframe for this reduction? \*

No timeline target

years

or

Description of Target

## Creation Targets

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

No quantity target

Quantity

Unit

or



What is the targeted timeframe for this reduction? \*

No timeline target

years

or

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 <strong>recycled off-site</strong> 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? \*

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 \*\*

## 95-63-6, 1,2,4-Trimethylbenzene

95-63-6, 1,2,4-Trimethylbenzene

## Objectives, Description and Targets

This information is read-only and is pulled directly from your most recent submitted Plan Summary. To make changes to the information on this screen, please update your plan summary and re-submit. For more details about updating the plan summary, please select "Help".

### Objectives

Objectives in plan: \*

Shrader does not plan on implementing any of the options that have been identified as technically and economically feasible for any of its six reportable substances at this time.

## Use Targets

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

**No quantity target**

**Quantity**

**Unit**

or

What is the targeted timeframe for this reduction? \*

No timeline target years

or

Description of Target

### Creation Targets

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

No quantity target Quantity Unit

or

What is the targeted timeframe for this reduction? \*

No timeline target years

or

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

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## 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 \*\*