## Report Preview **Company Details** Name Shrader Canada Address 830 Progress Court, Oakville (Ontario) Report Details Report Status Submitted 2014 Report Type Inventory **Facility Name** SHRADER CANADA **Facility Address** 830 Progress Court, Oakville (Ontario) **Update Comments Activity Details** Applicable Programs Please select all that apply. **Environment Canada Programs** $\times$ NPRI - National Pollutant Release Inventory **Partnering Programs** $|\mathsf{X}|$ 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 $|\mathsf{X}|$

Monitoring and Reporting Regulation

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Number of Employees \*

62						
Activities						
•	bove". For	the second "Ac	•		elevant box(es), these activities t	otherwise click hen you must report
Activities for W	hich the 20	0,000-Hour Emp	oloyee Thresho	ld Does Not App	oly: (check all tha	t apply) *
None of the ab	oove					
Activities Relev	vant to Rep	oorting Dioxins,	Furans and He	xacholorobenze	ne: (check all tha	at apply) *
None of the ab	oove					
	Relevan	it to Report	ting of Poly	ycyclic Aroi	matic Hydro	carbons
(PAHs)	na activity t	ake place at the	facility?			
Wood preserva	,	•	, raomy .			
No	anon donig					
140						
General F	acility Ir	nformation				
NPRI						
Is this the first	time the fac	cility is reporting	ງ to the NPRI (ເ	under current or	past ownership)	? *
No						
Is the facility co	ontrolled by	another Canad	dian company o	or companies? *		
No						
Did the facility	report unde	er other environ	mental regulati	ons or permits?	*	
Yes	•			•		
			NDDI D	l l - 1 (O	ritania Air Oarstan	
•	equirea to r	eport one or mo	ore NPRI Part 4	substances (Ci	riteria Air Contam	ninants)? "
No						
If 'Yes' to report during the year	rting for one r? **	e or more Part 4	1 substances:W	as the facility s	nut down for mor	e than one week
Operating	Schedu	ule - Days o	of the Wee	ek **		
Mon	Tue	Wed	Thu	Fri	Sat	Sun
X	X	×	X			

## 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 Empty	right side of the screen.
General Comments for Facility	
Comments	
The following dates there were no production in 201	4 :
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

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Postal Code: \*\*

	L6L6K1		
Country *	Canada		
Facility Information			
Facility *	SHRADER CANADA		
NAICS Code *	324190		
NPRI ID *	2133 (Assigned by Environment Canada)		
ON Reg 127/01 ID *	1425100		
Facility Physical Address			
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			
Latitude **	43.42780		
Longitude **	-79.71690		
UTM Zone **	17		
UTM Easting **	603982		
UTM Northing **	4808832		
Facility Contacts			

## **Contact Types**

Technical Contact	
First Name: *	Scott
Last Name: *	Robertson
Position: *	Manager, Quality & HSE
Telephone: *	9058470222
Ext	228
Fax	9058475405
Email: *	srobertson@shradercanada.com
Mailing Address	
Delivery Mode	General Delivery
PO Box	
Rural Route Number	
Address Line 1	830 Progress Court Northwest
City *	Oakville
Province/Territory **	Ontario
Postal Code: **	L6L 6K1
Country *	Canada
Certifying Official	
First Name: *	Graham
Last Name: *	John
Position: *	Manager, Finance & Operations
Telephone: *	9058470222

Ext

East	
Fax	
Email: *	gjohn@shradercanada.com
	gjorii Comaaoroanaaa.com
Mailing Address	
Delivery Mode	General Delivery
•	
PO Box	
Dural Davis North an	
Rural Route Number	
Address Line 1	830 Progress Court
	ood i Togress Court
City *	Oakville
Province/Territory **	Ontario
Postal Code: **	L6L 6K1
- Setter Setter	LOL ON I
Country *	Canada
Company Coordinator	
First Name: *	Scott
Last Name: *	Robertson
Position: *	Manager Quality & HSE
1 conton.	Manager, Quality & HSE
Telephone: *	9058470222
Ext	228
Fax	0050475405
i ax	9058475405
Email: *	srobertson@shradercanada.com
	2 10 10 10 10
Mailing Address	
Delivery Mode	General Delivery
PO Box	

Rural Route Number			
Address Line 1	830 Progress Court Northwest		
City *	Oakville		
Province/Territory **	Ontario		
Postal Code: **	L6L 6K1		
Country *	Canada		
Highest Ranking Employee			
First Name: *	Graham		
Last Name: *	John		
Position: *	Manager, Finance & Operations		
Telephone: *	9058470222		
Ext			
Fax			
Email: *	gjohn@shradercanada.com		
Mailing Address			
Delivery Mode	General Delivery		
PO Box			
Rural Route Number			
Address Line 1	830 Progress Court		
City *	Oakville		
Province/Territory **	Ontario		
Postal Code: **	L6L 6K1		
Country *	Canada		

## **Public Contact** First Name: \* Scott Last Name: \* Robertson Position: \* Manager, Quality & HSE Telephone: \* 9058470222 Ext 228 Fax 9058475405 Email: \* srobertson@shradercanada.com **Mailing Address Delivery Mode General Delivery** PO Box Rural Route Number Address Line 1 830 Progress Court Northwest City \* Oakville Province/Territory \*\* Ontario Postal Code: \*\* L6L 6K1 Country \* Canada Person who prepared the report First Name: \* Scott Last Name: \* Robertson Position: \* Manager, Quality & HSE Telephone: \* 9058470222

228

Ext

Fax	9058475405	
Email: *	srobertson@shradercanada.com	
Mailing Address		
Delivery Mode	General Delivery	
DO Dov	•	
PO Box		
Rural Route Number		
Address Line 1	830 Progress Court Northwest	
City *	Oakville	
Province/Territory **	Ontario	
Postal Code: **	L6L 6K1	
Country *	Canada	
Person who coordinated the preparat	ion of the Toxics Reduction Plan	
First Name: *	Scott	
Last Name: *	Robertson	
Dacition *		
Position: *	Manager, Quality & HSE	
Telephone: *	9058470222	
Ext	228	
Fax	9058475405	
Email: *	srobertson@shradercanada.com	
Mailing Address		
Delivery Mode	General Delivery	
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	S
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 preventi	on plan? *
No	
If 'Yes'	
a) Please check all that apply	
b) Did the facility update their plan in the current report	ting year?
c) Does the plan address substances, energy conserva	ation, or water conservation?
Please summarize your pollution prevention plan and/o will be publicly available) **	or your pollution prevention activities (this information

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Pollution Prevention Activities
Did the facility complete any pollution prevention activities in the current NPRI reporting year? *
No
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
108-88-3, Toluene
108-88-3, Toluene
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? *
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) **
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) **
16.0
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 **

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Significant Proces	ss Change			
☐ There has been a s	significant process change	at the facility during	g the prev	ious calendar year.
On-site Releases				
Click "Edit" to enter your re	eportable values.In order to	o calculate totals, y	ou must c	lick the "Validate" button.
Total Quantity Rel	leased (All Media)			
Releases to All Me	edia			
Category	Basis Of Estim	ate	Quantit	y (Tonnes)
Total Quantity Released	O - Engineering	Estimates	0.025	
Breakdown of Ann	nual Releases			
☐ Distribute Equally				
Quarterly Breakdo	own *			
Jan - Mar %	Apr - Jun %	Jul - Sep %		Oct - Dec %
25	30	25		20
Total %				
100				
Reasons for Char	nges in Quantities I	Released fror	m Prev	ious Year
Select the applicable reas	on or reasons *			
Changes in production lev	vels			
Comments ? (On-Site Rel	eases) **			
Disposals				
Reasons for Char	nges in Quantities I	Disposed fror	n Prev	ious Year
Select the applicable reas	on or reasons.			
No significant change (i.e	. < 10%) or no change			
Comments? (Disposals)				

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## 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 facil	itv (	(Use)	١
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## 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 - quanti	ties approximately th	e same		
(please specify)				
Comparison F	Panart: On aita	Pologogo		
•	Report: On-site		of the last renor	ted quantity" reflect current
		. •	•	ion, the exact values in your
	•	o the current year's tem	•	
Therefore, you will b	e required to update	all values and texts.		
<b>Total Quantity</b>	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 C	Change			
Reasons for C	Change			
Reason(s) for Chang	је			
No reasons - quanti	ties approximately th	e same		
(please specify)				
(p.ea.ee ep eey)				
111-76-2, 2-E	Butoxyethanol			
111-76-2, 2-Butoxye	ethanol			
Substance Re	porting Status			
Applicable Pro	ograms			
NPRI - Does this sub indicates voluntary re	ostance meet the crit eporting of this subst	eria specified in the Ca ance to the NPRI. *	nada Gazette no	otice? Selecting "No"
Yes				
ON MOE TRA - Doe TRA? Selecting "No	es this substance med " indicates voluntary	et the criteria specified i reporting of this substar	in the Ontario R nce to the ON M	egulation 455/09 under the IOE. *

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

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 u at the facility level.
Quantity (Tonnes) **
13.0
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
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) **
11.2
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
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	ne previous calendar ye	ear		
Describe the changes **				
Select the reason for char	nge: **			
Describe how the change	impact tracking and qu	antification of the sub	ostance **	
Incidents out of th	e normal course	e of events		
There have been in previous calendary	cidents out of the norm	nal course of events the esults of tracking/quar	hat occurre	ed at the facility during the f this substance.
Explain how tracking and		0 1		
Significant Proces	s Change			
	significant process char	nge at the facility duri	ng the prev	ious calendar year.
On-site Releases Click "Edit" to enter your re	oportable values in ord	or to calculate totals	vou must o	Nick the "Validate" button
Total Quantity Rel			you must c	silck the validate button.
Releases to All Me	•			
Category	Basis Of Es	stimate	Quantit	y (Tonnes)
Total Quantity Released	O - Enginee	ering Estimates	0.005	
Breakdown of Anr	aud Pologoo			
Distribute Equally	iuai Reieases			
	NWD *			
Quarterly Breakdo Jan - Mar %	Apr - Jun %	Jul - Sep %		Oct - Dec %
	•	-		
25	30	25		20
Total %				
100				

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Reasons for Change	s in Quantities Released f	rom Previous Year
Select the applicable reason of	or reasons *	
No significant change (i.e. < 1	0%) or no change	
Comments ? (On-Site Release	es) **	
Disposals		
Reasons Why Subst	ance Was Disposed	
Select one or more reasons		
Production residues		
•	cluding Tailings and Wastertable values.In order to calculate total	e Rock) ls, you must click the "Validate" button.
Category	Basis Of Estimate	Quantity (Tonnes)
Landfill	NA - Not Applicable	
Land Treatment	NA - Not Applicable	
Underground Injection	NA - Not Applicable	
Total - On-site Disposals		
•	cluding Tailings and Waste	e 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 offsite 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 c	of E	stima	te for	· Of	f-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)

Jit-site Transfers for Treatment Prior to Final Disposal			
is Of Estimate	Quantity (Tonnes)		
- Not Applicable			
Engineering Estimates	0.063		
	is Of Estimate  - Not Applicable		

Biological Treatment	NA - Not Applicable	
Incineration / Thermal	NA - Not Applicable	
Municipal Sewage Treatment Plant	NA - Not Applicable	
Total - Treatment Prior to Final Disp	posal	
0.063		
Total Quantity Disposed (All Media)		
0.074		
Then enter the quantity transferred	site Facilities	ntity field. If you need to add an off-
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 rep	ported)	
0.063		

Reasons for Changes in Quantities Disposed from Previous Year				
Select the applicable	reason or reasons.			
No significant chang	e (i.e. < 10%) or no ch	nange		
Comments? (Dispos	als)			
Recycling				
Reasons for C	hanges in Qua	ntities Recycle	d from Previous	s Year
Select the applicable	reason or reasons *			
Not applicable (first	year reporting this sub	ostance)		
Comments? (Recycl	ing)			
year's reporting to the previous	e last year's values.If It will be inserted into e required to update a ility (Use) ility (Use)	the current year's tem	population function, the plate, including the co	e exact values in your omparison report.
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 F	Product			
Contained in F	Product			
Quantity (Tonnes)	Last Reported	Reporting Period	Change	% Change

	Quantity (Tonnes) *	of Last Reported Quantity *		
11.2	11.327	2013	-0.127	-1.12
Reasons for 0	Change			
Reasons for 0	Change			
Reason(s) for Chan	ge			
No reasons - quant	ities 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 C	hange				
Reasons for C	hange				
Reason(s) for Change					
No reasons - quantit	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 I	Disposals			
Total On-site I	Disposals			
Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	
Total Off-site I	Disposals			
Total Off-site I	Disposals			
Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0.011	0.011	2013	0.000	0
	transfer for trea transfer for trea Last Reported Quantity		•	
	(Tonnes) *	Quantity *		
0.063	0.064	2013	-0.001	-1.56
Total On-site I	Disposal of Tail	ings and Waste	e Rock	
Total On-site I	Disposal of Tail	ings and Waste	e Rock	
Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	
Total Off-site I	Disposal of Tail	ings and Waste	e Rock	
Total Off-site I	Disposal of Tail	ings and Waste	e 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)
1330-20-7, Xylene (all isomers)
1330-20-7, Xylene (all isomers)
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 o	ne 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.

Process the Substance

As a formulation component

Manufacture 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) \*\*

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

Cre	eation
The	amount of substance that is created
Quar	ntity (Tonnes) **
0	
	ou want to use ranges for public reporting? If "No" is selected you are indicating that any report to the c may contain the exact quantity provided. *
Yes	
Cor	ntained in Product
The	amount of substance contained in product
Quar	ntity (Tonnes) **
17.0	
	ou want to use ranges for public reporting? If "No" is selected you are indicating that any report to the c may contain the exact quantity provided. *
Yes	
Ch	ange in Mathed of Quantification
	ange 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
Desc	cribe the changes **
Sele	ct the reason for change: **
Desc	cribe how the change impact tracking and quantification of the substance **
D030	who now the change impact tracking and quantimoditor of the substance
Inci	idents 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.
Expla	ain how tracking and quantifications were affected **

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Significant Pro	cess Change		
☐ There has bee	en a significant process cha	ange at the facility durin	g the previous calendar year.
On-site Releas	ses		
Click "Edit" to enter y	our reportable values.In or	der to calculate totals,	you must click the "Validate" button.
Total Quantity	Released (All Med	dia)	
Releases to A	II Media		
Category	Basis Of E	stimate	Quantity (Tonnes)
Total Quantity Relea	o - Engine	ering Estimates	0.020
Breakdown of	Annual Releases		
☐ Distribute Equ			
Quarterly Brea	akdown *		
Jan - Mar %	Apr - Jun %	Jul - Sep %	Oct - Dec %
25	30	25	20
Total %			
100			
100			
Reasons for C	changes in Quantiti	es Released fro	m Previous Year
Select the applicable	e reason or reasons *		
Changes in producti	on levels		
Comments ? (On-Sit	e Releases) **		
Disposals			
•	Substance Was D	ienosod	
Select one or more re	Substance Was D	isposeu	
Production residues,	, Contaminated materials		
On-site Dispos	sal (excluding Tailir	ngs and Waste I	Rock)
•	·	der to calculate totals,	you must click the "Validate" button
On-site Dispos	sal		
Category	Basis Of E	stimate	Quantity (Tonnes)

Landfill	NA - Not Applicable	
Land Treatment	NA - Not Applicable	
Underground Injection	NA - Not Applicable	
Total - On-site Disposals		
Off-site Disposal (exclu	uding Tailings and Wast	e 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		
Choose the Basis of Estimate an Then enter the quantity transferred	ed to each off-site in its respective of sign to navigate to the off-site seatck "Save and Return".	es -site for disposal in the first Quantity box. quantity field. If you need to add an off- arch screen. When you are finished
Basis of Estimate for C	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 (exc	luding Tailings and Was	te Rock)
	reatment Prior to Final [	
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 D	Disposal	
0.08		
Total Quantity Disposed (All Med	dia)	
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 "+" si	gn to navigate to th	ne off-site search	screen.	When you	are f	inished
entering all transfer of	uantities, click	"Save and Return'	'.				

Assign Disposals / Transfers to Off-site Facilities

Basis of Estimate f	or Off-sites	
Enter breakdown values for	ſ	
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	I total reported)	
0.08		
Reasons for Chang	ges in Quantities Dispose	d from Previous Year
Select the applicable reaso	•	
Changes in production leve	els	
Comments? (Disposals)		
Recycling		
recoyoning		
, ,	ges in Quantities Recycle	d from Previous Year
Reasons for Chang	-	d from Previous Year
, ,	n or reasons *	d from Previous Year

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 fac	ility (Use)			
Enters the fac	,			
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 F Contained in F				
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 C Reason(s) for Change	Change			

## 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 C Reasons for C Reason(s) for Change	Change			
Decrease in product	tion levels			

## 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 t			•	
Total Off-site t	ranster for trea	tment Prior to F	·inal Dispos	sal
Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0.08	0.12	2013	-0.04	-33.33
	0.1.2	2010	0.0 1	00.00
Total On-site [	Disposal of Tail	ings and Waste	Rock	
Total On-site I	Disposal of Tail	ings and Waste	Rock	
Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	
Total Off-site I	Disposal of Tail	ings and Waste	Rock	
Total Off-site I	Disposal of Tail	ings and Waste	Rock	
Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	
Reasons for C	hange			
Reasons for C	hange			
Reason(s) for Chang	ge			
No reasons - quantit	ties approximately the	same		
(please specify)				
(picase specify)				
67-63-0, Isop	ropyl alcohol			
67-63-0, Isopropyl a	llcohol			
Substance Po	norting Status			
	porting Status			
Applicable Pro	ograms			

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

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 u at the facility level.
Quantity (Tonnes) **
107.2
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) **
100.9

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.  $^{\star}$ 

Yes						
Cha	ange in Metho	d of Qu	antification			
	There has been a substance during t			mbination of metho	ods used t	to track and quantify the
Desc	cribe the changes **					
Sele	ct the reason for cha	nge: **				
Desc	cribe how the change	impact tra	cking and quantif	ication of the subs	stance **	
Inci	idents out of th	e norm	al course of	events		
	There have been in previous calendar	ncidents ou year that a	ut of the normal co	ourse of events that of tracking/quant	at occurre ification o	ed at the facility during the f this substance.
Expla	ain how tracking and	quantificat	ions were affecte	d **		
Sig	nificant Proces	ss Char	nge			
	There has been a	significant	process change a	nt the facility during	g the prev	ious calendar year.
On-	-site Releases					
Click	"Edit" to enter your r	eportable	values.In order to	calculate totals, y	ou must o	click the "Validate" button.
Tot	al Quantity Re	leased	(All Media)			
Rel	eases to All M	edia				
Cate	gory		Basis Of Estima	ite	Quantit	y (Tonnes)
Tota	l Quantity Released		O - Engineering	Estimates	0.15	
Bre	akdown of Anı	nual Re	leases			
	Distribute Equally					
Qua	arterly Breakdo	own *				
	- Mar %	Apr - Ju	n %	Jul - Sep %		Oct - Dec %
25		30		25		20

Total %				
100				
Reasons for Changes in	Quantities Released from	m Previous Year		
Select the applicable reason or rea				
No significant change (i.e. < 10%)	or no change			
Comments ? (On-Site Releases) **	•			
Disposals				
Reasons Why Substanc	e Was Disposed			
Select one or more reasons	·			
Production residues, Contaminated	d materials			
On-site Disposal (exclud	ding Tailings and Waste F	Rock)		
	e values.In order to calculate totals, y	ou must click the "Validate" button.		
On-site Disposal				
Category	Basis Of Estimate	Quantity (Tonnes)		
Landfill	NA - Not Applicable			
Land Treatment	NA - Not Applicable			
Zana maaman	The recomposition			
Underground Injection	NA - Not Applicable			
Total - On-site Disposals				
,				
Off-site Disposal (exclud	ding Tailings and Waste F	Rock)		
Off-site Disposal	ing ramingo ana rraeto r	io on y		
Category	Basis Of Estimate	Quantity (Tonnes)		
Landfill	NA - Not Applicable			
Land Treatment	NA - Not Applicable			

Underground Injection	NA - Not Applicable	
Storage	NA - Not Applicable	
Total - Off-site Disposals		
Off-site Transfers (exclu	ding Tailings and Waste	Rock)
Off-site Transfers for Tre	eatment Prior to Final Dis	posal
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 Disp	oosal	
0.5		
Total Quantity Disposed (All Media)		
0.5		

# 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 re	ported)	
0.5		
Reasons for Changes in	Quantities Disposed from	n Previous Year
Select the applicable reason or rea	sons.	
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)

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 F Contained in F				
Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
100.9	99.125	2013	1.775	1.79
Pageons for C	`hango			
Reasons for C Reasons for C	•			
Reason(s) for Chang	•			
No reasons - quantit		ne same		
(please specify)	,			
Comparison R	Report: On-site	e Releases		
Ensure that "Last Re	ported Quantity" an e last year's values.	d the "Reporting Period	oopulation function	ed quantity" reflect curren on, the exact values in you he comparison report.
Therefore, you will b	e required to update	e all values and texts.		
T ( 1 0 ())	Released (Al			

Reporting Period of Last Reported Quantity \*

Change

**Quantity (Tonnes)** 

Last Reported Quantity (Tonnes) \*

% Change

0.15	0.151	2013	-0.001	-0.66
Reasons for C	Change			
Reasons for C	Change			
Reason(s) for Chang	де			
No reasons - quanti	ties approximately the	same		
(please specify)				
Comparison R	Report: Disposa	ls On-site, Off-s	site and Tailing	s and Waste
year's reporting to th previous year's repo	eported Quantity" and to be last year's values.If ye rt will be inserted into the e required to update a	you selected the pre-p the current year's tem	oopulation function, the	e exact values in your
Total On-site I	Disposals			
Total On-site I				
Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	
Total Off-site I	Disposals			
Total Off-site I	Disposals			
Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	
	transfer for treater		.       .	
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 I	Disposal of Taili	ings and Waste	Rock	
Total On-site I	Disposal of Taili	ings and Waste	Rock	
Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	
Total Off-site I	Disposal of Taili	ings and Waste	Rock	
Total Off-site I	Disposal of Taili	ings and Waste	Rock	
Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	
Reasons for C Reasons for C Reason(s) for Chang No reasons - quantit (please specify)	change	same		
67-64-1, Acetone	one			
Substance Re	porting Status			
Applicable Pro	ograms			
	n1Does this substance ates voluntary reporting			gulation 127/01?
Yes				
ON MOE TRA - Doe TRA? Selecting "No'	s this substance meet ' indicates voluntary re	the criteria specified in porting of this substan	n the Ontario Regulations to the ON MOE. *	on 455/09 under the
Yes				

Is this considered the first report for this substance to the ON MOE TRA? (Please select "Help" for further clarification)  $^{\star}$ 

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 tra	acking and quantification of the subs	tance **		
Incidents out of the norm	and any area of avents			
Incidents out of the norm		st a command at the afacility during the		
previous calendar year that a	ut of the normal course of events that affected the results of tracking/quanti	fication of this substance.		
Explain how tracking and quantifica	tions were affected **			
Significant Process Cha	nae			
	process change at the facility during	the previous calendar year.		
On-site Releases		•		
	values.In order to calculate totals, ye	ou must click the "Validate" button.		
Enter the values for rele	ases to air for the substai	nce		
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		
rugilive Releases U - Engineering Estimates U.1				
Spills	NA - Not Applicable			
Other Non-point Releases	NA - Not Applicable			
Total - Releases to Air				
0.2				

# 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 apacte all values and texts.	Therefore,	you will be r	required to upo	date all values and texts.
---	------------	---------------	-----------------	----------------------------

# 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**

	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	
T (   D				
Total Release				
Total Release				
Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	
D	No esse esse			
Reasons for C				
Reasons for C	Change			
Reason(s) for Chang	ge ————————————————————————————————————			
Decrease in product	tion levels			
(please specify)				
95-63-6 1 <i>2</i> /	1-Trimathylha	nzana		
	<del>-</del>	nzene		
	<del>-</del>	nzene		
95-63-6, 1,2,4-Trime	ethylbenzene			
95-63-6, 1,2,4-Trime Substance Re	ethylbenzene eporting Status			
95-63-6, 1,2,4-Trime Substance Re Applicable Pro	ethylbenzene eporting Status ograms bstance meet the cri	S iteria specified in the Ca	nada Gazette no	otice? Selecting "No"
95-63-6, 1,2,4 95-63-6, 1,2,4-Trime Substance Re Applicable Pro NPRI - Does this sub indicates voluntary re	ethylbenzene eporting Status ograms bstance meet the cri	S iteria specified in the Ca	nada Gazette no	otice? Selecting "No"
Substance Re Applicable Pro NPRI - Does this sub indicates voluntary re Yes ON MOE TRA - Doe	eporting Status  ograms  bstance meet the cri eporting of this subs	iteria specified in the Castance to the NPRI. *	in the Ontario Re	egulation 455/09 under the
Substance Re Applicable Pro NPRI - Does this sub indicates voluntary re Yes ON MOE TRA - Doe	eporting Status  ograms  bstance meet the cri eporting of this subs	S iteria specified in the Ca stance to the NPRI. *	in the Ontario Re	egulation 455/09 under the
Substance Re Applicable Pro NPRI - Does this sub indicates voluntary re Yes ON MOE TRA - Doe TRA? Selecting "No"	eporting Status ograms bstance meet the cri eporting of this subs es this substance me indicates voluntary	iteria specified in the Castance to the NPRI. *	in the Ontario Rence to the ON M	egulation 455/09 under the

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)

Litters the facility (OSe)
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 **

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Select the reason for char	nge: **				
Describe how the change	impact tra	acking and qua	ntification of the sub	ostance **	
Incidents out of th	e norm	nal course	of events		
☐ There have been in	ncidents o	ut of the norma			ed at the facility during the f this substance.
Explain how tracking and			5 1		
Significant Proces	s Cha	nge			
There has been a s	significant	process chanç	ge at the facility duri	ng the prev	ious calendar year.
On-site Releases Click "Edit" to enter your r	eportable	values.In orde	r to calculate totals,	you must o	click the "Validate" button.
Total Quantity Re		(All Media	a)		
Releases to All M	edia				
Category		Basis Of Est	imate	Quantit	y (Tonnes)
Total Quantity Released		O - Engineeri	ing Estimates	0.01	
Breakdown of Ani	nual Re	eleases			
☐ Distribute Equally					
Quarterly Breakdo	own *				
Jan - Mar %	Apr - Jι	ın %	Jul - Sep %		Oct - Dec %
25	30		25		20
Total %					
100					
Reasons for Char	nges in	Quantities	s Released fro	m Prev	rious Year
Select the applicable reas	•				
No significant change (i.e	< 10%)	or no change			

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Comments ? (On-Site Releases)	) **	
Disposals		
Reasons Why Substar	nce Was Disposed	
Select one or more reasons	·	
Production residues, Contamina	ted materials	
•	uding Tailings and Waste ble values.In order to calculate total	e Rock) s, 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 (excl	uding Tailings and Waste	e Rock)
Off-site Disposal		
Category	Basis Of Estimate	Quantity (Tonnes)
Landfill	O - Engineering Estimates	0.060
Land Treatment	NA - Not Applicable	
Underground Injection	NA - Not Applicable	
Storage	NA - Not Applicable	
Total - Off-site Disposals		
0.060		

# 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".

entering all transfer quantities Assign Disposals / Transfers		
Basis of Estimate fo	r 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 to	otal reported)	
0.060		
Off-site Transfers (e	xcluding Tailings and Was	te Rock)
	r Treatment Prior to Final [	•
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	

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Municipal Sewage Treatment Plant	NA - Not Applicable	
Total Treatment Prior to Fine	I Dianagal	
Total - Treatment Prior to Fina	Disposal	
0.312		
Total Quantity Disposed (All M	edia)	
0.372		
Assign Disposals / Ti	ransfers to Off-site Faci	lities
Choose the Basis of Estimate	and enter the quantity transferred	off-site for disposal in the first Quantity box.
• •	·	ve quantity field. If you need to add an off-
•	· ·	search screen. When you are finished
entering all transfer quantities, Assign Disposals / Transfers to		
Basis of Estimate for		
Enter breakdown values for	OII-SILES	
Chemical Treatment		
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
TAT IX ENVIRONMENTAL	0.012	Creek, ON, Canada
Total Assigned (must equal tot	al reported)	
0.312		
D ( C:		1. D ' ' '
Keasons for Change	s in Quantities Dispose	d from Previous Year
Select the applicable reason o	r reasons.	
No significant change (i.e. < 1	0%) 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
64.3	64.317	2013	-0.017	-0.03

#### 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
62.5	62.430	2013	0.070	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 I	Disposals			
Total Off-site I	Disposals			
Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0.060	0.060	2013	0.000	0
T			-: LD:	
		atment Prior to F	•	
Total Off-site t	ranster for trea	atment Prior to F	-ınal Dispos	sal
Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0.312	0.312	2013	0.000	0
_	•	lings and Waste lings and Waste		
Quantity (Tonnes)	Last Reported Quantity (Tonnes) *	Reporting Period of Last Reported Quantity *	Change	% Change
0	0	2013	0	
Total Off-site I	Disposal of Tai	lings and Waste	e Rock	
	•	lings and Waste lings and Waste		
Total Off-site I	•	•		% Change
Total Off-site I Quantity (Tonnes)	Disposal of Tai Last Reported Quantity (Tonnes) *	lings and Waste Reporting Period of Last Reported Quantity *	e Rock Change	% Change
Total Off-site I Quantity (Tonnes) 0	Disposal of Tai  Last Reported Quantity (Tonnes) *	lings and Waste Reporting Period of Last Reported	e Rock	% Change
	Disposal of Tai  Last Reported Quantity (Tonnes) *	lings and Waste Reporting Period of Last Reported Quantity *	e Rock Change	% Change
Total Off-site I Quantity (Tonnes)  0  Reasons for C	Disposal of Tai  Last Reported Quantity (Tonnes) *  0  Change Change	lings and Waste Reporting Period of Last Reported Quantity *	e Rock Change	% Change

(please specify)		
Post Plan Substa	ance Details	
108-88-3, Tolue	ene	
108-88-3, Toluene		
Objectives, Desc	cription and Ta	argets
	ion on this screen, p	lirectly from your most recent submitted Plan Summary. To make please update your plan summary and re-submit. For more details elect "Help".
Objectives		
Objectives in plan: *		
Shrader does not plan o	on implementing any	y of the options that have been identified as technically and
economically leasible to	or any or its six repo	rtable substances at this time.
Use Targets		
What is the targe	eted reduction	in use of the toxic substance at the
facility? *		
No quantity target	Quantity	Unit
× or		
What is the targe	eted timefram	e for this reduction? *
No timeline target		years
×	or	
Description of Target		
Description of rarget		
_		
Creation Targets	5	
What is the targe	eted reduction	in creation of the toxic substance at the
facility? *		
No quantity target	Quantity	Unit

X	or						
What is the ta	argeted	timeframe	for this	reduction	on? *		
No timeline target	•		years				
$\boxtimes$		or					
Description of targe	ets						
Actions							
Additional Ac	tions						
Were there any add and/or creation of the	ditional acti ne substan	ons outside the ce? *	plan taker	n during the	reporting pe	riod to reduce	the use
No							
Describe any additional actions that were taken during the reporting period to achieve the plan's objectives: **							
Provide a public su	mmary of t	he description o	of the addit	ional action	taken: **		
Reductions d	ue to a	dditional ac	ctions ta	aken **			
The amount of reduthat resulted due to	uction in <s the addition</s 	trong>use <td>ong&gt; of the</td> <td>substance</td> <td>at the facility</td> <td>during the rep</td> <td>oorting period</td>	ong> of the	substance	at the facility	during the rep	oorting period
☐ No Amount						tonnes	
The amount of reduperiod that resulted	uction in <s due to the</s 	trong>creation< additional actio	:/strong> o ons.	f the substa	nce at the fa	acility during the	e reporting
☐ No Amount						tonnes	
The amount of redureporting period that	uction in the at resulted	e substance <str due to the addition</str 	rong>contoional action	ained in prons.	duct <td>&gt; at the facility</td> <td>during the</td>	> at the facility	during the
☐ No Amount						tonnes	

The amount of reduction in <strong>release to air</strong> 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 <strong>release to water reporting period that resulted due to the additional action</strong>		the facility during the
☐ No Amount		tonnes
The amount of reduction in <strong>release to land<td></td><td>the facility during the</td></strong>		the facility during the
☐ No Amount		tonnes
The amount of reduction in the substance <strong>disprocks) at the facility during the reporting period that res</strong>		
☐ No Amount		tonnes
The amount of reduction in the substance <strong>disprocks) at the facility during the reporting period that res</strong>		
☐ No Amount		tonnes
The amount of reduction in the substance <strong>recreporting period that resulted due to the additional action</strong>		ne facility during the
☐ No Amount		tonnes
Amendments		
Amendments		
Were any amendments made to the toxic substance re	eduction plan during the rep	orting period? *
No		
Description any amendments that were made to the toperiod **	xic substance reduction pla	n during the reporting
Provide a public summary of the description of any am reduction plan during the reporting period **	endments that were made t	to the toxic substance

111-76-2, 2-Butoxyethanol

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

Objectives,	Descript	ion and Tar	gets	
	formation o	n this screen, ple	ase update your plan	cent submitted Plan Summary. To make summary and re-submit. For more details
Objectives				
Objectives in plan	n: *			
			of the options that have able substances at this	e been identified as technically and time.
Use Targets	<b>S</b>			
What is the	targeted	I reduction i	n use of the tox	ic substance at the
facility? *	_			
No quantity target		Quantity		Unit
$\boxtimes$	or			
What is the	targeted	l timeframe	for this reduction	on? *
No timeline targe	et		years	
X		or		
Description of Tar	rget			
Creation Ta	rgets			
What is the	targeted	l reduction i	n creation of the	e toxic substance at the
facility? *				
No quantity target		Quantity		Unit
X	or			
What is the	targeted	l timeframe	for this reduction	on? *

years

No timeline target

$\boxtimes$	or			
Description of targets				
Actions				
<b>Additional Action</b>	S			
Were there any additional and/or creation of the sul		plan taken during the rep	porting period to reduce the	use
No				
Describe any additional a objectives: **	actions that were tak	en during the reporting pe	eriod to achieve the plan's	
Provide a public summar	ry of the description o	of the additional action tak	œn: **	
Reductions due t	o additional ad	ctions taken **		
The amount of reduction that resulted due to the a		ong> of the substance at t	the facility during the report	ing period
☐ No Amount			tonnes	
The amount of reduction period that resulted due	in <strong>creation<to action<="" additional="" th="" the=""><td>c/strong&gt; of the substance</td><td>e at the facility during the re</td><td>porting</td></to></strong>	c/strong> of the substance	e at the facility during the re	porting
☐ No Amount			tonnes	
The amount of reduction reporting period that resu			ct at the facility du	ring the
☐ No Amount			tonnes	
The amount of reduction reporting period that resu	in <strong>release tulted due to the addit</strong>	o air of the subsional actions.	stance at the facility during t	the
☐ No Amount			tonnes	

The amount of reduction in <strong>release to water</strong> of the substance at the facility during the reporting period that resulted due to the additional actions.

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☐ No Amount		tonnes
The amount of reduction in <strong>release to land<td></td><td>the facility during the</td></strong>		the facility during the
☐ No Amount		tonnes
The amount of reduction in the substance <strong>dis rocks) at the facility during the reporting period that res</strong>		
☐ No Amount		tonnes
The amount of reduction in the substance <strong>disrocks) at the facility during the reporting period that res</strong>	posed off-site (insulted due to the additional	cluding tailings and waste actions.
☐ No Amount		tonnes
The amount of reduction in the substance <strong>recreporting period that resulted due to the additional action</strong>		the facility during the
☐ No Amount		tonnes
Amendments		
Amendments		
Were any amendments made to the toxic substance re	eduction plan during the re	porting period? *
No		
Description any amendments that were made to the to period **	xic substance reduction pl	an during the reporting
Provide a public summary of the description of any am reduction plan during the reporting period **	endments that were made	to the toxic substance
1330-20-7, Xylene (all isomers)		
1330-20-7, Xylene (all isomers)		
Objectives, Description and Targets		

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

about updating the plan si	•	ase update your plan summary and re-submit. For more details ect "Help".
Objectives		
Objectives in plan: *		
Shrader does not plan on economically feasible for	implementing any cany of its six reporta	of the options that have been identified as technically and able substances at this time.
Use Targets		
What is the target	ed reduction i	n use of the toxic substance at the
facility? *		
No quantity target	Quantity	Unit
⊠ or		
VA/le at in the atomost		for this work with a O *
•	ed timetrame	for this reduction? *
No timeline target		years
$\boxtimes$	or	
Description of Target		
Creation Targets		
•	ed reduction i	n creation of the toxic substance at the
facility? *		
No quantity target	Quantity	Unit
⊠ or		
What is the target	ed timeframe	for this reduction? *
No timeline target		years

Description of targets

or

X

## Actions

Actions		
Additional Actions		
Were there any additional actions outside the plan take and/or creation of the substance? *	en during the reporting peri	od to reduce the use
No		
Describe any additional actions that were taken during objectives: **	the reporting period to ach	nieve the plan's
Provide a public summary of the description of the add	litional action taken: **	
Reductions due to additional actions	taken **	
The amount of reduction in <strong>use</strong> of the that resulted due to the additional actions.	ne substance at the facility	during the reporting period
☐ No Amount		tonnes
The amount of reduction in <strong>creation</strong> period that resulted due to the additional actions.	of the substance at the fac	cility during the reporting
☐ No Amount		tonnes
The amount of reduction in the substance <strong>cor reporting period that resulted due to the additional acti</strong>		at the facility during the
☐ No Amount		tonnes
The amount of reduction in <strong>release to air<td>ong&gt; of the substance at thons.</td><td>ne facility during the</td></strong>	ong> of the substance at thons.	ne facility during the
☐ No Amount		tonnes
The amount of reduction in <strong>release to water reporting period that resulted due to the additional action</strong>	strong> of the substance a	at the facility during the
☐ No Amount		tonnes

The amount of reduction in <strong>release to land</strong> 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 <strong>dis rocks) at the facility during the reporting period that res</strong>	posed on-site (including tailings and waste sulted due to the additional actions.
☐ No Amount	tonnes
The amount of reduction in the substance <strong>dis rocks) at the facility during the reporting period that res</strong>	posed off-site (including tailings and waste sulted due to the additional actions.
☐ No Amount	tonnes
The amount of reduction in the substance <strong>recreporting period that resulted due to the additional acti</strong>	
☐ No Amount	tonnes
Amendments	
Amendments	
Were any amendments made to the toxic substance re	eduction plan during the reporting period? *
No	
Description any amendments that were made to the to period **	xic substance reduction plan during the reporting
Provide a public summary of the description of any am reduction plan during the reporting period **	endments that were made to the toxic substance
67-63-0, Isopropyl alcohol 67-63-0, Isopropyl alcohol	
Objectives, Description and Targets	
•	n your most recent submitted Plan Summary. To make ate your plan summary and re-submit. For more details ".
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 targ	eted reductior	n in use of the to	xic substance at the
facility? *			
No quantity target	Quantity		Unit
× or			
What is the targe	eted timefram	e for this reduct	ion? *
No timeline target		years	
X	or		
Description of Target			
Creation Targets	S		
What is the targ	eted reductior	n in creation of th	ne toxic substance at the
facility? *			
No quantity target	Quantity		Unit
× or			
What is the targe	eted timefram	e for this reduct	ion? *
No timeline target		years	
X	or		
Description of targets			
Actions			
Additional Action	ns		

Were there any additional actions outside the plan taken during the reporting period to reduce the use and/or creation of the substance?  $^{\ast}$ 

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 add	litional action taken: **		
Reductions due to additional actions t	aken **		
The amount of reduction in <strong>use</strong> of the that resulted due to the additional actions.	e substance at the facility during th	e reporting period	
☐ No Amount	tonnes		
The amount of reduction in <strong>creation</strong> period that resulted due to the additional actions.	of the substance at the facility during	ng the reporting	
☐ No Amount	tonnes		
The amount of reduction in the substance <strong>correporting period that resulted due to the additional action</strong>		acility during the	
☐ No Amount	tonnes		
The amount of reduction in <strong>release to air</strong> 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 <strong>release to water reporting period that resulted due to the additional action</strong>		ility during the	
☐ No Amount	tonnes		
The amount of reduction in <strong>release to land<td></td><td>ty during the</td></strong>		ty during the	
☐ No Amount	tonnes		

The amount of reduction in the substance <strong>disposed on-site</strong> (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>dis rocks) at the facility during the reporting period that res</strong>	posed off-site (inc sulted due to the additional	cluding tailings and waste actions.
☐ No Amount		tonnes
The amount of reduction in the substance <strong>recreporting period that resulted due to the additional acti</strong>		he facility during the
☐ No Amount		tonnes
Amendments		
Amendments		
Were any amendments made to the toxic substance re	eduction plan during the rep	oorting period? *
No		
Description any amendments that were made to the to period **	xic substance reduction pla	an during the reporting
Provide a public summary of the description of any am reduction plan during the reporting period **	endments that were made	to the toxic substance
67-64-1, Acetone 67-64-1, Acetone		
Objectives, Description and Targets		
This information is read-only and is pulled directly from changes to the information on this screen, please update about updating the plan summary, please select "Help	ate your plan summary and	·
Objectives		
Objectives in plan: *		
Shrader does not plan on implementing any of the opt economically feasible for any of its six reportable subs	ions that have been identif tances at this time.	ied as technically and
Use Targets		

objectives: \*\*

What is the targeted reduction in use of the toxic substance at the facility? \* No quantity Quantity Unit target  $\boxtimes$ or What is the targeted timeframe for this reduction? \* No timeline target years |X|or **Description of Target Creation Targets** What is the targeted reduction in creation of the toxic substance at the facility? \* No quantity Quantity Unit target  $\boxtimes$ or What is the targeted timeframe for this reduction? \* No timeline target years X 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

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Describe any additional actions that were taken during the reporting period to achieve the plan's

Provide a public summary of the description of the add	ditional action taken: **			
Reductions due to additional actions	taken **			
The amount of reduction in <strong>use</strong> 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 <strong>creation</strong> period that resulted due to the additional actions.	of the substance at the facility during the reporting			
☐ No Amount	tonnes			
The amount of reduction in the substance <strong>coreporting period that resulted due to the additional actions.</strong>				
☐ No Amount	tonnes			
The amount of reduction in <strong>release to air</strong> 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 <strong>release to water</strong> 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 <strong>release to land<td></td></strong>				
☐ No Amount	tonnes			
The amount of reduction in the substance <strong>disposed on-site</strong> (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>disposed off-site</strong> (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 reporting period that resulted due to the ad-	<strong>recycled off-site</strong> at the facility during the dditional actions.			
No Amount tonnes				
Amendments				
Amendments				
Were any amendments made to the toxic s	substance reduction plan during the reporting period? *			
No				
Description any amendments that were maperiod **	ade to the toxic substance reduction plan during the reporting			
Provide a public summary of the description reduction plan during the reporting period '	on of any amendments that were made to the toxic substance			
95-63-6, 1,2,4-Trimethylbenz	zene			
95-63-6, 1,2,4-Trimethylbenzene				
Objectives, Description and T	argets			
, ,	directly from your most recent submitted Plan Summary. To make please update your plan summary and re-submit. For more details 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	n in use of the toxic substance at the			
facility? *				
No quantity Quantity target	Unit			

$\boxtimes$	or			
What is the targeted timeframe for this reduction? *				
No timeline targe	et		years	
$\boxtimes$		or		
Description of Tar	get			
Creation Tai	rgets			
What is the	targeted	reduction in	n creation of the	toxic substance at the
facility? *				
No quantity target		Quantity		Unit
$\boxtimes$	or			
What is the	targeted	timeframe	for this reduction	n? *
No timeline targe	et		years	
$\boxtimes$		or		
Description of targ	gets			
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 add objectives: **	itional actior	ns that were take	n during the reporting p	period to achieve the plan's
Provide a public summary of the description of the additional action taken: **				

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# Reductions due to additional actions taken \*\* The amount of reduction in <strong>use</strong> 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 <strong>creation</strong> 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 <strong>contained in product</strong> at the facility during the reporting period that resulted due to the additional actions. ☐ No Amount tonnes The amount of reduction in <strong>release to air</strong> 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 <strong>release to water</strong> 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 <strong>release to land</strong> 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 <strong>disposed on-site</strong> (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>disposed off-site</strong> (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.

Environment Canada

☐ No Amount		tonnes
Amendments		
Amendments		
Were any amendments made to the toxic substance re	eduction plan during the rep	oorting period? *
No		
Description any amendments that were made to the to period **	xic substance reduction pla	an during the reporting
Provide a public summary of the description of any am reduction plan during the reporting period **	lendments that were made	to the toxic substance

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