

Plan Summary Preview

Company Details

Company Legal Name:

Virox Technologies Inc.

Company Address:

2770 Coventry Road, Oakville (Ontario)

Report Details

Facility:

Virox Oakville

Facility Address:

2770 Coventry Road, Oakville (Ontario)

Update Comments:

Activities

Facility Contacts

Facility Contacts

Public Contact:*

Babak Givehchi

Highest Ranking Employee:

Babak Givehchi

Person responsible for preparing the toxic substance reduction plan:

Mark Cotter

Organization Validation

Company and Parent Company Information

Company Details

Company Legal Name:*

Virox Technologies Inc.

Company Trade Name:*

Virox Technologies Inc.

Business Number:*

891115628

Mailing Address

Delivery Mode:

General Delivery

PO Box

Rural Route Number

Address Line 1

2770 Coventry Road

City*

Oakville

Province/Territory**

Ontario

Postal Code:**

L6H6R1

Physical Address

Address Line 1

2770 Coventry Road

City

Oakville

Province/Territory

Ontario

Postal Code

L6H6R1

Additional Information

Land Survey Description

National Topographical Description

Parent Companies

Facility Validation

Facility Information

Facility:*

Virox Oakville

NAICS Id:*

325610

NPRI Id:*

0000011799

ON Reg 127/01 Id:

Mailing Address

Delivery Mode:	General Delivery
PO Box	
Rural Route Number	
Address Line 1	2770 Coventry Road
City*	Oakville
Province/Territory**	Ontario
Postal Code:**	L6H6R1

Physical Address

Address Line 1	2770 Coventry Road
City	Oakville
Province/Territory	Ontario
Postal Code	L6H6R1
Additional Information	
Land Survey Description	
National Topographical Description	

Geographical Address

Latitude	43.50990
Longitude	-79.68110
UTM Zone**	17
UTM Easting**	606608
UTM Northing**	4818285

Contact Validation

Contacts

Public Contact:

First Name:*	<input type="text" value="Babak"/>
Last Name:*	<input type="text" value="Givehchi"/>
Position:*	<input type="text" value="Senior V.P. QA&RA"/>
Telephone:*	<input type="text" value="9058130110"/>
Ext:	<input type="text" value="121"/>
Fax:	<input type="text"/>
Email:*	<input type="text" value="babak@virox.com"/>

Mailing Address

Delivery Mode:	<input type="text"/>
PO Box	<input type="text"/>
Rural Route Number	<input type="text"/>
Address Line 1	<input type="text" value="2770 Coventry Road"/>
City*	<input type="text" value="Oakville"/>
Province/Territory**	<input type="text" value="Ontario"/>
Postal Code:**	<input type="text" value="L6H 6R1"/>

Highest Ranking Employee:

First Name:*	<input type="text" value="Babak"/>
Last Name:*	<input type="text" value="Givehchi"/>
Position:*	<input type="text" value="Senior V.P. QA&RA"/>
Telephone:*	<input type="text" value="9058130110"/>
Ext:	<input type="text" value="121"/>
Fax:	<input type="text"/>

Email:*

Mailing Address

Delivery Mode:

PO Box

Rural Route Number

Address Line 1

City*

Province/Territory**

Postal Code:**

Person responsible for the Toxic Substance Reduction Plan preparation:

First Name:*

Last Name:*

Position:*

Telephone:*

Ext:

Fax:

Email:*

Mailing Address

Delivery Mode:

PO Box

Rural Route Number

Address Line 1

City*

Mississauga

Province/Territory**

Ontario

Postal Code:**

L5H3W6

Employees

Employees

Number of Full-time Employees:*

50

Substances

NA - 22, Phosphorus (total)

NA - 22, Phosphorus (total)

Substances Section Data

Statement of Intent

Use

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

Yes

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

Virox is committed to reducing the usage of Phosphorus in its products by 20% over the next five years.

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

Creation

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

No

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

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

Substance is not created at the facility.

Objectives, Targets and Description

Plan Objectives

Objectives in plan:*

Reduction in the use of phosphorus.

Toxic Substance Use Targets

Reduction target:*

	Quantity	Unit
<input type="checkbox"/> No target	or 6285	kg

Timeframe target:*

No target or 5 years

Description of use targets:

Toxic Substance Creation Targets

Reduction target:*

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

Timeframe target:*

No target or years

Description of creation targets:

Reasons for Using this Toxic Substance

This substance is used at the facility:*

As a formulation component

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

The phosphorus imparts desirable characteristics to the product formulations, which include active stability and pH adjustment.

Reasons for Creating this Toxic Substance

This substance is created at the facility:*

This substance is not created at the facility

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

Toxic Reduction Options for Implementation

Toxic substance reduction option(s) to be implemented:

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

No

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

Materials or feedstock substitution

Product design or reformulation

Changed product specifications

Which activities will be undertaken to implement these reduction options?

Select an option:*

Changed product specifications

Describe the option:*

The company has been working with customers and regulatory authorities to make minimal use of phosphates, only to the level needed to achieve the required function (e.g.: pH adjuster, stabilizer etc.). However due to regulated nature of these products, validation is required to show the change has not negatively impacted the efficacy or stability of the formula.

Estimates

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

N/A

6.29

tonnes

20

%

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

N/A tonnes %

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

N/A tonnes %

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

N/A tonnes %

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

N/A tonnes %

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

N/A tonnes %

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

N/A tonnes %

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

N/A tonnes %

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

N/A tonnes %

Timelines

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

N/A years

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

N/A

years

Equipment or process modifications

Spill or leak prevention

On-site reuse, recycling or recovery

Improved inventory management or purchasing techniques

Good operator practice or training

Rationale for choosing these options for implementation:

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

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

TSRP0092

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


TSRP0092

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

New Plan

CERTIFICATION

As of December 16, 2013, I, Babak Givehchi, certify that I have read the toxic substance reduction plan for Phosphorus and am familiar with its contents, and to my knowledge the plan is factually accurate and complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.



Babak Givehchi, Vice President

12/18/13

Date

As of December 16, 2013, I, Wendy Nadan certify that I am familiar with the processes at Virox that use Phosphorus, that I agree with the estimates referred to in subparagraphs 7 iii, iv and v of subsection 4 (1) of the Toxics Reduction Act, 2009 that are set out in the plan dated December 16, 2013 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.



Wendy Nadan, Toxic Substance Reduction Planner

December 16, 2013

Date