



## **Les Ateliers Beau-Roc Inc.**

### **Toxic Substance Reduction Plan Summary 2016**

**Type of Document**  
FINAL

**Project Number**  
BRM-00303499-L0

**Prepared By:**

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Canada

**Date Submitted**  
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## **Legal Notification**

This report was prepared by EXP Services Inc. for the account of **Les Ateliers Beau-Roc Inc.**

Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of such third parties. EXP Services Inc. accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this project.

## Les Ateliers Beau-Roc Toxic Substance Plan Summary

Les Ateliers Beau-Roc Inc. is the leading premium steel dump body manufacturer building cutting edge designs of a wide variety of dump bodies since 1984.

Facility Information			
The legal and trade names of the owner and the operator of the facility, the street address of the facility and if the mailing address of the facility is different from the street address, the mailing address. (See below)		Les Ateliers Beau-Roc Inc. 300 Universelle Street Vars, Ontario, K0A 3H0	
Facility NPRI identification number		11600	
The identification number assigned to the facility by the Ministry of the Environment for the purposes of Ontario Regulation 127/01		N/A	
Number of full-time employee equivalents		67	
North American Industry Clarification System (NAICS) 2, 4, and 6 digit codes			33   3362   336211
Spatial Coordinates		Lat 45.32860 Lon -75.34970 UTM 18 472596 E , 5019514 N	
Contact Information			
Role	Name	Position	Contact information
Coordinated preparation of plan	Simon Proulx-Croteau	Manufacturing Engineer	(613) 443-0044 ext 243 spcroteau@beauroc.com
Prepared plan	Simon Proulx-Croteau	Manufacturing Engineer	(613) 443-0044 ext 243 spcroteau@beauroc.com
Public contact	Simon Proulx-Croteau	Manufacturing Engineer	(613) 443-0044 ext 243 spcroteau@beauroc.com
Technical contact	Simon Proulx-Croteau	Manufacturing Engineer	(613) 443-0044 ext 243 spcroteau@beauroc.com
Highest Ranking Employee	Nathalie St. Pierre	General Manager	(613) 443-0044 nstpierre@beauroc.com
Certifying Official	Nathalie St. Pierre	General Manager	(613) 443-0044 nstpierre@beauroc.com
Planner making recommendations	Ron Taylor	License # TSRP0027	905-793-9809 ex 2284 ron.taylor@exp.com
Certifying Planner	Ron Taylor	License # TSRP0027	905-793-9809 ex 2284 ron.taylor@exp.com
Legal name of Canadian parent company if facility is a subsidiary of a Canadian parent company		2967-3183 Quebec Inc.	

## Toxic Substance Accounting

<b>Substance</b>	Manganese
CAS Number	NA - 09
Units	Tonnes
On a facility-wide basis	
Amount that entered the facility as the substance itself or as a constituent of another substance:	70.5
The amount that was created:	0
The amount that was contained in product:	59.1
The amount of substance released to air:	0.021
The amount of substance released to land:	0
The amount of substance released to water:	0
The amount of substance disposed onsite:	0
The amount of substance disposed offsite:	0
The amount of substance transferred offsite for treatment:	0
The amount of substance transferred offsite for recycling:	11.4

<b>Substance</b>	Chromium
CAS Number	NA - 04
Units	Tonnes
On a facility-wide basis	
Amount that entered the facility as the substance itself or as a constituent of another substance:	32.0
The amount that was created:	0
The amount that was contained in product:	26.9
The amount of substance released to air:	0.002
The amount of substance released to land:	0
The amount of substance released to water:	0
The amount of substance disposed onsite:	0
The amount of substance disposed offsite:	0
The amount of substance transferred offsite for treatment:	0
The amount of substance transferred offsite for recycling:	5.05

<b>Substance</b>	Nickel
CAS Number	NA - 11
Units	Tonnes
On a facility-wide basis	
Amount that entered the facility as the substance itself or as a constituent of another substance:	18.1
The amount that was created:	0
The amount that was contained in product:	15.3
The amount of substance released to air:	0.002
The amount of substance released to land:	0
The amount of substance released to water:	0
The amount of substance disposed onsite:	0
The amount of substance disposed offsite:	0
The amount of substance transferred offsite for treatment:	0

The amount of substance transferred offsite for recycling:	2.75
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<b>Substance</b>	PM10
CAS Number	NA – M09
Units	Tonnes
On a facility-wide basis	
Amount that entered the facility as the substance itself or as a constituent of another substance:	0
The amount that was created:	0.56
The amount that was contained in product:	0
The amount of substance released to air:	0.56
The amount of substance released to land:	0
The amount of substance released to water:	0
The amount of substance disposed onsite:	0
The amount of substance disposed offsite:	0
The amount of substance transferred offsite for treatment:	0
The amount of substance transferred offsite for recycling:	0

<b>Substance</b>	PM2.5
CAS Number	NA – M10
Units	Tonnes
On a facility-wide basis	
Amount that entered the facility as the substance itself or as a constituent of another substance:	0
The amount that was created:	0.34
The amount that was contained in product:	0
The amount of substance released to air:	0.34
The amount of substance released to land:	0
The amount of substance released to water:	0
The amount of substance disposed onsite:	0
The amount of substance disposed offsite:	0
The amount of substance transferred offsite for treatment:	0
The amount of substance transferred offsite for recycling:	0

<b>Substance</b>	Xylene
CAS Number	1330-20-7
Units	Tonnes
On a facility-wide basis	
Amount that entered the facility as the substance itself or as a constituent of another substance:	5.58
The amount that was created:	0
The amount that was contained in product:	0
The amount of substance released to air:	4.5
The amount of substance released to land:	0
The amount of substance released to water:	0
The amount of substance disposed onsite:	0
The amount of substance disposed offsite:	0
The amount of substance transferred offsite for treatment:	0

The amount of substance transferred offsite for recycling:	1.08
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<b>Substance</b>	Methyl ethyl ketone
CAS Number	78-93-3
Units	Tonnes
On a facility-wide basis	
Amount that entered the facility as the substance itself or as a constituent of another substance:	2.78
The amount that was created:	0
The amount that was contained in product:	0
The amount of substance released to air:	2.1
The amount of substance released to land:	0
The amount of substance released to water:	0
The amount of substance disposed onsite:	0
The amount of substance disposed offsite:	0
The amount of substance transferred offsite for treatment:	0
The amount of substance transferred offsite for recycling:	0.68

<b>Substance</b>	Methanol
CAS Number	67-56-1
Units	Tonnes
On a facility-wide basis	
Amount that entered the facility as the substance itself or as a constituent of another substance:	1.25
The amount that was created:	0
The amount that was contained in product:	0
The amount of substance released to air:	0.54
The amount of substance released to land:	0
The amount of substance released to water:	0
The amount of substance disposed onsite:	0
The amount of substance disposed offsite:	0
The amount of substance transferred offsite for treatment:	0
The amount of substance transferred offsite for recycling:	0.71

<b>Substance</b>	Ethyl benzene
CAS Number	100-41-4
Units	Tonnes
On a facility-wide basis	
Amount that entered the facility as the substance itself or as a constituent of another substance:	0.99
The amount that was created:	0
The amount that was contained in product:	0
The amount of substance released to air:	0.74
The amount of substance released to land:	0
The amount of substance released to water:	0
The amount of substance disposed onsite:	0
The amount of substance disposed offsite:	0

The amount of substance transferred offsite for treatment:	0
The amount of substance transferred offsite for recycling:	0.25

<b>Substance</b>	Methyl isobutyl ketone
CAS Number	108-10-1
Units	Tonnes
On a facility-wide basis	
Amount that entered the facility as the substance itself or as a constituent of another substance:	0.99
The amount that was created:	0
The amount that was contained in product:	0
The amount of substance released to air:	0.70
The amount of substance released to land:	0
The amount of substance released to water:	0
The amount of substance disposed onsite:	0
The amount of substance disposed offsite:	0
The amount of substance transferred offsite for treatment:	0
The amount of substance transferred offsite for recycling:	0.29

## Intent, Objectives, and Target

<b>Manganese, Chromium and Nickel</b>	
<b>Statement of Intent</b>	
Use	Les Ateliers Beau-Roc (Beau-Roc) does not intend to reduce its use of manganese, chromium, and nickel, as they are components of steel and finished products that are client specification for products manufactured. However, Beau-Roc is committed to continuing to review options for product substitution that will meet or exceed customer specifications.
Creation	Beau-Roc does not create manganese, chromium, and nickel at the facility.
Objective	Beau-Roc does not intend to reduce its use of manganese, chromium, and nickel but is committed to continuing to review options for product substitution that will meet or exceed customer specifications
<b>Targets</b>	
Use	Beau-Roc has not set forth targets for reduction of manganese, chromium, and nickel as these materials are components of steel required to meet client specifications.
Creation	Beau-Roc does not create manganese, chromium, and nickel at the facility.
Reason for Use	Manganese, chromium, and nickel are components of steel and welding wire used at Beau-Roc to manufacture steel dump bodies to client specifications.

<b>PM10 and PM2.5</b>	
<b>Statement of Intent</b>	
Use	Beau-Roc does not use PM10 and PM2.5 at the facility.
Creation	PM10 and PM2.5 are created as by-product emissions from abrasive blasting, propane combustion, and welding. These processes are

	required to manufacture products to client specifications therefore Beau-Roc does not intend to reduce its creation of PM10 and PM2.5
Objective	Beau-Roc does not intend to reduce its creation of PM10 and PM2.5 but is committed to continuing to review options for product substitution that will meet or exceed customer specifications
<b>Targets</b>	
Use	Beau-Roc does not use PM10 and PM2.5 at the facility.
Creation	Beau-Roc has not set forth targets to reduce its creation of PM10 and PM2.5, as these substances are produced in the manufacture of products to client specifications.
Reason for Use	Beau-Roc does not use PM10 and PM2.5 at the facility.

<b>Xylene, MEK, Methanol, Ethyl benzene, MIBK</b>	
<b>Statement of Intent</b>	
Use	Les Ateliers Beau-Roc (Beau-Roc) does not intend to reduce its use of xylene, methyl ethyl ketone (MEK), and methanol, as they are components of finished product coatings (paints and solvents) that are client specification for products manufactured. However, Beau-Roc is committed to continuing to review options for product substitution that will meet or exceed customer specifications. The use of ethyl benzene and methyl isobutyl ketone (MIBK) are below the reporting threshold requiring a plan but have been included in this plan to be proactive should production increase.
Creation	Beau-Roc does not create xylene, MEK, methanol, ethyl benzene, and MIBK at the facility.
Objective	Beau-Roc does not intend to reduce its use of create xylene, MEK, methanol, ethyl benzene, and MIBK but is committed to continuing to review options for product substitution that will meet or exceed customer specifications
<b>Targets</b>	
Use	Beau-Roc has not set forth targets for reduction of create xylene, MEK, methanol, ethyl benzene, and MIBK as these materials are components of paints and solvents required to meet client specifications.
Creation	Beau-Roc does not create xylene, MEK, methanol, ethyl benzene, and MIBK at the facility.
Reason for Use	Xylene, MEK, methanol, ethyl benzene, and MIBK are components of paints and solvents used at Beau-Roc to coat/finish steel dump bodies to client specifications.

## Certification

### Certification by Highest Ranking Employee

The following Certifications Statement is being made under s.19(2) of Ontario Regulation (O.Reg.) 455/09 (as amended by s.11 of O.Reg.214/11) and satisfied the requirements of s.4(2) of the Toxic Reduction Act for the Toxic Substance Plans that are assembled within this document as of the date of this Certification Statement.

*As of December 31, 2017, I, Nathalie St.Pierre, certify that I have read the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents,*



and to my knowledge the plans are factually accurate and comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

Toxic substances: manganese, chromium, nickel, PM10, PM2.5, Xylene, MEK, Methanol, Ethylbenzene, MIBK



Nathalie St. Pierre

14/12/2017

Date

### Certification by Toxic Substance Reduction Planner

The following Planner Certifications Statement is being made under s.19(2) of Ontario Regulation (O.Reg.) 455/09 (as amended by s.11 of O.Reg.214/11) satisfies the Planner Certification requirement requirements of s.4(2) of the Toxic Reduction Act for the Toxic Substance Plans that are assembled within this document as of the date of this Certification Statement.

As of December 31, 2017, I, Ronald Taylor, certify that I am familiar with the processes at Les Ateliers Beau-Roc Inc. that use or create the toxic substances referred to below, 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 toxic substance reduction plans referred to below for the toxic substances and that the plans comply with that Act and Ontario Regulation 455/09 (General) made under that Act.

Toxic substances: manganese, chromium, nickel, PM10, PM2.5, Xylene, MEK, Methanol, Ethylbenzene, MIBK



Ronald Taylor  
Senior Project Manager  
EXP Services Inc.  
TSRP license No. TSRP0027

14/12/2017

Date