

## Appendix A Plan Summary

Toxic Substance		
<b>Name &amp; CAS # of Substance</b>	Arsenic (and its compounds)	NA – 02
<b>Other substances for which TRA Plans have been prepared</b>	Lead (and its compounds) PM 10 PM 2.5	NA – 08 NA – M09 NA – M10
Facility Identification and Site Address		
<b>Company Name</b>	Opta Minerals Inc.	
<b>Facility Name</b>	Opta Minerals Waterdown	
<b>Facility Address</b>	<b>Physical Address</b>	<b>Mailing Address: (if different)</b>
	407 Parkside Drive Waterdown, Ontario L0R 2H0	
<b>Spatial Coordination of Facility</b>	43.3483, -79.8955 (Datum 1983)	
<b>Number of Employees</b>	64	
<b>NPRI ID</b>	7135	
<b>Ontario MOECC ID Number</b>	11112	
Parent Company (PC) Information		
<b>PC Name &amp; Address</b>	Opta Minerals Inc., 407 Parkside Drive Waterdown, Ontario, L0R 2H0	
<b>Percent Ownership for each PC</b>	100%	
<b>Business Number for PC</b>		
Primary North American Industrial Classification System Code (NAICS)		
<b>2 Digit NAICS Code</b>	33 Manufacturing	
<b>4 Digit NAICS Code</b>	3399 - Other Miscellaneous Manufacturing	
<b>6 Digit NAICS Code</b>	339990 - All Other Miscellaneous Manufacturing	
Company Contact Information		
<b>Facility Public Contact</b>	Mr. Ron Harber, Health & Safety Manager	P.O. Box 260
	<a href="mailto:rharber@optaminerals.com">rharber@optaminerals.com</a>	Waterdown, Ontario
	Phone: (905) 689-6661	L0R 2H0
	Fax: (905) 689-0485	
<b>Facility Technical Contact</b>	Mr. Ron Harber, Health & Safety Manager	P.O. Box 260
	<a href="mailto:rharber@optaminerals.com">rharber@optaminerals.com</a>	Waterdown, Ontario
	Phone: (905) 689-6661	L0R 2H0
	Fax: (905) 689-0485	
<b>Company Coordinator Contact</b>	Mr. Ron Harber, Health & Safety Manager	Same as Facility address
	<a href="mailto:rharber@optaminerals.com">rharber@optaminerals.com</a>	
	Phone: (905) 689-6661	
	Fax: (905) 689-0485	

Company Contact Information (cont'd)		
<b>Person who Prepared the Plan: (if different from the Coordinator)</b>	Mr. Erik Martinez, Consultant	GHD
	Erik.Martinez@ghd.com	455 Phillip Street
	Phone: (519) 340-4213	Waterloo, Ontario
	Fax: (519) 884-0525	N2L 3X2
	Planner License No. TSRP0005	
<b>Highest Ranking Employee</b>	Mr. John Dietrich, CEO	Same as Facility address
	<a href="mailto:jdietrich@optaminerals.com">jdietrich@optaminerals.com</a>	
	Phone: (905) 690-5100	
	Fax: (905) 689-0604	
Planner Information		
<b>Planner Responsible for Making Recommendations</b>	Mr. Erik Martinez, Consultant	GHD
	Erik.Martinez@ghd.com	455 Phillip Street
	Phone: (519) 340-4213	Waterloo, Ontario
	Fax: (519) 884-0525	N2L 3X2
	Planner License No. TSRP0005	
<b>Planner Responsible for Certification</b>	Mr. Erik Martinez, Consultant	GHD
	Erik.Martinez@ghd.com	455 Phillip Street
	Phone: (519) 340-4213	Waterloo, Ontario
	Fax: (519) 884-0525	N2L 3X2
	Planner License No. TSRP0005	

#### **Toxic Reduction Policy Statement of Intent**

Opta Minerals Inc. (Opta) is committed to playing a leadership role in protecting the environment. Whenever feasible, Opta will eliminate, or reduce the creation and release of arsenic in compliance with all Federal and Provincial regulations.

#### **Reduction Objectives**

The objective of this plan is for Opta to determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.

#### **Description of Facility**

Opta is a copper slag processing and packaging facility. The Facility receives granular slag, which is screened for debris, dried and (depending on the customer) mixed with sands before being packaged and shipped. The North American Industry Classification System (NAICS) Code that applies to this Facility is 339990 - All Other Miscellaneous Manufacturing.

#### **Toxic Substance Reduction Options to be Implemented**

There were no possible reduction options identified.

#### **Plan Summary Statement**

This plan summary accurately reflects the content of the toxic substance reduction plan for arsenic (and its compounds).

#### **Certification by Highest Ranking Employee**

Attached.

***Certification by Licensed Planner***

Attached.



## 9. Plan Certifications

### 9.1 Certification by Highest Ranking Employee

As of December 20, 2018, I, John Dietrich, certify that I have read the toxic substance reduction plan for the toxic substance referred to below 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.

[Arsenic]

A handwritten signature in blue ink, appearing to read 'John Dietrich', is placed over a solid horizontal line.

John Dietrich  
CEO  
Opta Minerals Inc.

### 9.2 Certification by Licensed Planner

As of December 20, 2018, I, Erik Martinez, certify that I am familiar with the processes at Opta that use or create the toxic substance 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 plan dated December 20, 2018 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

[Arsenic]

A handwritten signature in blue ink, appearing to read 'Erik Martinez', is placed over a solid horizontal line.

Erik Martinez, P. Eng.  
GHD  
Certified Toxics Reduction Planner  
Planner License #TSRP00005