

## **CON-CAST PIPE INC.**

**299 BROCK DRIVE SOUTH, GUELPH, ONTARIO N1H 6H9**

# **TOXICS REDUCTION ACT TOXIC SUBSTANCE REDUCTION PLAN SUMMARIES 2013**

REPORT PREPARED BY:  
*O2E INC.*

REPORT PREPARED FOR:  
CON-CAST PIPE INC. - GUELPH

O2E REF. No. 13-091

DECEMBER 18, 2013

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## 1. PLAN SUMMARY – PARTICULATE MATTER ≤2.5 MICRONS (PM<sub>2.5</sub>)

Name and CASRN of Substance	Particulate Matter ≤2.5 microns (PM <sub>2.5</sub> )	NA-10
Substances for which other plans have been prepared	Particulate Matter ≤10 microns (PM <sub>10</sub> )	NA-09
	Total Particulate Matter	NA-08

### 1.1 Basic Facility Information

Basic facility information has been included in Section 4 of this document.

### 1.2 Toxic Reduction Policy Statement of Intent

Con-Cast Pipe Inc. (Con-Cast) is a full service supplier to the sewer and watermain industry and municipalities across Ontario. Con-Cast's product line encompasses gravity sewer pipes, maintenance holes, box units, monobox maintenance holes, utility chambers, custom precast chambers and the precast arch units of CON/SPAN Canada. Con-Cast uses modern manufacturing technologies, stringent quality control standards to ensure that they supply durable and cost-effective products.

Wherever technically and economically feasible, Con-Cast will reduce the use and release of Particulate Matter less than or equal to 2.5 microns in size (PM<sub>2.5</sub>) in full compliance with all federal and provincial regulations. Toxic substance reduction will be an ongoing effort at Con-Cast, and they will continue to monitor technological advancements to ensure that options that are both technologically and financially viable are implemented at their facility.

### 1.3 Reduction Objectives

The reduction of toxic substance use, creation and releases is a priority for Con-Cast Pipe Inc. forming part of their sustainability programs and EMS. Con-Cast's goal is to reduce the creation and release of PM<sub>2.5</sub> where technically and economically feasible. No technically and economically feasible reduction options for reducing PM<sub>2.5</sub> were identified. Con-Cast will continue to monitor new technological advancements to ensure that reduction options that are both technologically and financially viable are implemented at their facility.

### 1.4 Description of the Substance

PM<sub>2.5</sub> is created through the handling and storage of sand and aggregate materials at the facility. It is also created by the combustion of natural gas in the facility's combustion equipment and by welding operations. Fugitive emissions of PM<sub>2.5</sub> are created by the unpaved roadways at the facility.

## **1.5 Toxic Substance Reduction Option to be Implemented**

There are currently no reduction options that have been identified as technically and economically feasible for this substance.

## **1.6 Plan Summary Statement**

This plan accurately reflects the content of the toxic substance reduction plan for PM<sub>2.5</sub>, dated November 29, 2013.

## **1.7 Copy of Plan Certification**

A copy of the plan certification is presented in Section 5 of this document.

## 2. PLAN SUMMARY – PARTICULATE MATTER ≤10 MICRONS (PM<sub>10</sub>)

Name and CASRN of Substance	Particulate Matter ≤10 microns (PM <sub>10</sub> )	NA-09
Substances for which other plans have been prepared	Particulate Matter ≤2.5 microns (PM <sub>2.5</sub> )	NA-10
	Total Particulate Matter	NA-08

### 2.1 Basic Facility Information

Basic facility information has been included in Section 4 of this document.

### 2.2 Toxic Reduction Policy Statement of Intent

Con-Cast Pipe Inc. (Con-Cast) is a full service supplier to the sewer and watermain industry and municipalities across Ontario. Con-Cast's product line encompasses gravity sewer pipes, maintenance holes, box units, monobox maintenance holes, utility chambers, custom precast chambers and the precast arch units of CON/SPAN Canada. Con-Cast uses modern manufacturing technologies, stringent quality control standards to ensure that they supply durable and cost-effective products.

Wherever technically and economically feasible, Con-Cast will reduce the use and release of Particulate Matter ≤10 Microns in size (PM<sub>10</sub>) in full compliance with all federal and provincial regulations. Toxic substance reduction will be an ongoing effort at Con-Cast, and they will continue to monitor technological advancements to ensure that options that are both technologically and financially viable are implemented at their facility.

### 2.3 Reduction Objectives

The reduction of toxic substance use, creation and releases is a priority for Con-Cast Pipe Inc. forming part of their sustainability programs and EMS. Con-Cast's goal is to reduce the creation and release of PM<sub>10</sub> where technically and economically feasible. No technically and economically feasible reduction options for reducing PM<sub>10</sub> were identified. Con-Cast will continue to monitor new technological advancements to ensure that reduction options that are both technologically and financially viable are implemented at their facility.

### 2.4 Description of the Substance

PM<sub>10</sub> is created through the handling and storage of sand and aggregate materials at the facility. It is also created by the combustion of natural gas in the facility's combustion equipment and by welding operations. Fugitive emissions of PM<sub>10</sub> are created by the unpaved roadways at the facility.

## **2.5 Toxic Substance Reduction Option to be Implemented**

There are currently no reduction options that have been identified as technically and economically feasible for this substance.

## **2.6 Plan Summary Statement**

This plan accurately reflects the content of the toxic substance reduction plan for PM<sub>10</sub>, dated November 29, 2013.

## **2.7 Copy of Plan Certification**

A copy of the plan certification is presented in Section 5 of this document.

### 3. PLAN SUMMARY – TOTAL PARTICULATE MATTER (TPM)

Name and CASRN of Substance	Total Particulate Matter	NA-08
Substances for which other plans have been prepared	Particulate Matter ≤2.5 microns (PM <sub>2.5</sub> )	NA-10
	Particulate Matter ≤10 microns (PM <sub>10</sub> )	NA-09

#### 3.1 Basic Facility Information

Basic facility information has been included in Section 4 of this document.

#### 3.2 Toxic Reduction Policy Statement of Intent

Con-Cast Pipe Inc. (Con-Cast) is a full service supplier to the sewer and watermain industry and municipalities across Ontario. Con-Cast's product line encompasses gravity sewer pipes, maintenance holes, box units, monobox maintenance holes, utility chambers, custom precast chambers and the precast arch units of CON/SPAN Canada. Con-Cast uses modern manufacturing technologies, stringent quality control standards to ensure that they supply durable and cost-effective products.

Wherever technically and economically feasible, Con-Cast will reduce the use and release of Total Particulate Matter (TPM) in full compliance with all federal and provincial regulations. Toxic substance reduction will be an ongoing effort at Con-Cast, and they will continue to monitor technological advancements to ensure that options that are both technologically and financially viable are implemented at their facility.

#### 3.3 Reduction Objectives

The reduction of toxic substance use, creation and releases is a priority for Con-Cast Pipe Inc. forming part of their sustainability programs and EMS. Con-Cast's goal is to reduce the creation and release of TPM where technically and economically feasible. No technically and economically feasible reduction options for reducing TPM were identified. Con-Cast will continue to monitor new technological advancements to ensure that reduction options that are both technologically and financially viable are implemented at their facility.

#### 3.4 Description of the Substance

TPM is created through the handling and storage of sand and aggregate materials at the facility. It is also created by the combustion of natural gas in the facility's combustion equipment and by welding operations. Fugitive emissions of TPM are created by the unpaved roadways at the facility.

### **3.5 Toxic Substance Reduction Option to be Implemented**

There are currently no reduction options that have been identified as technically and economically feasible for this substance.

### **3.6 Plan Summary Statement**

This plan accurately reflects the content of the toxic substance reduction plan for TPM, dated November 29, 2013.

### **3.7 Copy of Plan Certification**

A copy of the plan certification is presented in Section 5 of this document.



#### 4. BASIC FACILITY INFORMATION

Facility Identification and Site Address		
<b>Company Name</b>	Con-Cast Pipe Inc.	
<b>Facility Name</b>	Con-Cast Pipe Inc. - Guelph	
<b>Facility Address</b>	Physical Address:	Mailing Address:
	299 Brock Road South Guelph, ON N1H 6H9	299 Brock Road South Guelph, ON N1H 6H9
<b>Spatial Coordinates (UTM)</b>	43.4543. (Latitude)	-80.13110 (Longitude)
<b>Datum</b>	Latitude Longitude	
<b>Number of Employees</b>	200 (Full time equivalents)	
<b>NPRI ID</b>	11127	
<b>ON MOE ID</b>	-	
Parent Company Information		
<b>Parent Company Name &amp; Address</b>	Con-Cast Pipe Inc. 299 Brock Road South Guelph ,ON N1L 1P4	
<b>Percent Ownership</b>	100%	
Primary North American Industrial Classification System Code (NAICS)		
<b>2 Digit NAICS Code</b>	32	
<b>4 Digit NAICS Code</b>	3273	
<b>6 Digit NAICS Code</b>	327330	
Company Contact Information		
<b>Facility Public Contact</b>	Uli Kuebler	Contact Address:
	ukuebler@concastpipe.com	Con-Cast Pipe Inc.
	Phone: 800-668-7473	299 Brock Road South, Guelph,
	Fax: 519-763-1956	ON N1H 6H9

## 5. COPY OF PLAN CERTIFICATION

### Certification by the Highest Ranking Employee

As of December 18, 2013, I, Uli Kuebler, 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:

- Particulate Matter  $\leq 2.5$  microns ( $PM_{2.5}$ )
- Particulate Matter  $\leq 10$  microns ( $PM_{10}$ )
- Total Particulate Matter



Uli Kuebler  
Vice President, Quality Assurance  
Con-Cast Pipe Inc. – Guelph

### Certification by Licensed Planner

As of December 18, 2013, I, Tim Logan certify that I am familiar with the processes at Con-Cast's facility 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 plans dated November 29, 2013 and that the plans comply with that Act and Ontario Regulation 455/09 (General) made under that Act.

Toxic Substances:

- Particulate Matter  $\leq 2.5$  microns ( $PM_{2.5}$ )
- Particulate Matter  $\leq 10$  microns ( $PM_{10}$ )
- Total Particulate Matter



Tim Logan (License No. TSRP0003)  
President  
O2E Inc. Environmental Consultants