

Prepared for
Walinga Inc.
5656 Highway 6 North
Guelph/Eramosa, Ontario
N1H 6J2

Document type
Annual Public Report on Toxic Substance Reduction Plans

Date
August 13, 2020

WALINGA INC., GUELPH FACILITY

ANNUAL PUBLIC REPORT, 2019 CY

Revision **0**
Date **13/08/2020**
Prepared by **Taylor Roumeliotis**
Updated by **Hajar Pourbafrani**
Approved by **Taylor Roumeliotis**
Description **Annual Public Report on Toxic Substance Reduction
Plans 2019 CY**

Ref 324000546

CONTENTS

1.	FACILITY INFORMATION	1
2.	MANGANESE AND ITS COMPOUNDS	2
2.1	Summary of Toxic Substance Quantification for 2019	2
2.2	Objective and Target	2
2.3	Toxic Substance Reduction Options	2
2.4	Additional Actions taken during the Previous Calendar Year to Achieve the Plan's Objectives	2
2.5	Amendments to the Plan	2
3.	PM2.5 (PARTICULATE MATTER ≤ 2.5 MICRONS)	3
3.1	Summary of Toxic Substance Quantification for 2019	3
3.2	Objective and Target	3
3.3	Toxic Substance Reduction Options	3
3.4	Additional Actions taken during the Previous Calendar Year to Achieve the Plan's Objectives	3
3.5	Amendments to the Plan	3
4.	CERTIFICATION	4

1. FACILITY INFORMATION

Substance Names and CAS number:	Manganese (and its compounds) [NA - 09] PM _{2.5} - Particulate Matter ≤ 2.5 Microns [NA - M10]
NPRI ID:	29526
Address of Facility	5656 Highway 6 North Guelph/Eramosa, ON N1H 6J2
Legal Name and address of the owner and the operator of the facility:	Walinga Inc. 5656 Highway 6 North Guelph/Eramosa, ON N1H 6J2
Number of full time employees:	217
NAICS Code:	336212
Name Position and Telephone number (and address if different from facility) of the following people	
Plan contact	Christine VanEerde, EH&S Coordinator (519) 763-7000
Technical contact	Christine VanEerde, EH&S Coordinator (519) 763-7000
Highest Ranking Employee	Butch Medemblik, Managing Director - Manufacturing
UTM coordinates of the facility	555867 E, 4828223 N, Zone 17
For each parent Company if applicable:	
Legal name Street and mailing address Percentage ownership	N/A

2. MANGANESE AND ITS COMPOUNDS

2.1 Summary of Toxic Substance Quantification for 2019

Description	Reporting Period		Change (tonnes) [2019] - [2018]	% Change [2019/2018] - 100%	Reason for Change in Quantification
	[2019]	[2018]			
Mass entering the facility; use (tonnes)	17.42	12.27	5.15	42 %	More production in 2019
Mass created (tonnes)	-	-	-	-	-
Mass contained in product (tonnes)	15.28	10.33	4.96	48 %	More production in 2019.
Mass disposed off-site to storage (tonnes)	-	-	-	-	-
Mass transferred off-site for recycling (tonnes)	2.14	1.94	0.20	10 %	More scrap metal in 2019
Mass released to air (tonnes)	0.0067	0.0070	~ -0.0003	-5 %	N/A – quantities are approximately equal
Mass released to water bodies (tonnes)	-	-	-	-	-
Mass released to land (tonnes)	-	-	-	-	-

2.2 Objective and Target

Walinga intends to minimize the use of manganese through the continuation of existing practices and procedures, but no additional reduction in manganese use is anticipated at this time.

2.3 Toxic Substance Reduction Options

For the purposes of the Toxics Reduction Act, the facility will not be implementing any options to reduce the use of manganese in its operations since no technically feasible options were identified through the toxic reduction planning process.

2.4 Additional Actions taken during the Previous Calendar Year to Achieve the Plan's Objectives

No additional actions outside the plan were taken during the period to reduce the use of manganese.

2.5 Amendments to the Plan

The amendments made to the Toxic Substance Reduction Plan during the previous calendar year:

- None – no amendments were made to the original Toxic Substance Reduction Plan.

3. PM_{2.5} (PARTICULATE MATTER ≤ 2.5 MICRONS)

3.1 Summary of Toxic Substance Quantification for 2019

Description	Reporting Period		Change (tonnes) [2019] – [2018]	% Change [2019/2018] - 100%	Reason for Change in Quantification
	[2019]	[2018]			
Mass entering the facility; use (tonnes)	-	-	-	-	-
Mass created (tonnes)	0.323	0.345	-0.022	-6 %	N/A – quantities are approximately equal
Mass contained in product (tonnes)	-	-	-	-	-
Mass disposed off-site to storage (tonnes)	-	-	-	-	-
Mass transferred off-site for recycling (tonnes)	-	-	-	-	-
Mass released to air (tonnes)	0.323	0.345	-0.022	-6 %	N/A – quantities are approximately equal
Mass released to water bodies (tonnes)	0	0	-	-	-
Mass released to land (tonnes)	0	0	-	-	-

3.2 Objective and Target

No technically and economically feasible options to reduce the PM_{2.5} emissions at Walinga have been identified through the Toxic Substance Reduction Plan process. Walinga is committed to minimizing and controlling the PM_{2.5} generated from its plant.

3.3 Toxic Substance Reduction Options

For the purposes of the Toxics Reduction Act, the facility will not be implementing any options to reduce the creation and release of PM_{2.5} since no technically and economically feasible options were identified through the toxic reduction planning process.

3.4 Additional Actions taken during the Previous Calendar Year to Achieve the Plan's Objectives

No additional actions outside the plan were taken during the period to reduce the creation of PM_{2.5}.

3.5 Amendments to the Plan

The amendments made to the Toxic Substance Reduction Plan during the previous calendar year:

- None – no amendments were made to the original Toxic Substance Reduction Plan.

4. CERTIFICATION

As of August 13, 2020, I, Christine VanEerde, certify that I have read the reports on the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the information contained in the reports is factually accurate and the reports comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act with the exception of the regulatory deadline.

Manganese (and its compounds) [CAS # NA - 09]

PM_{2.5} - Particulate Matter <= 2.5 Microns [CAS # NA - M10]



Christine VanEerde
EH&S Coordinator
Walinga Inc.

