

Appendix B TRA Plan Summary

Name & CAS # of Substance	PM-2.5 PM-10 PM-Total	NA-M10 NA-M09 NA-M08	
Substances for which other Plans have been prepared	N/A	N/A	
Facility Identification and Site Address			
Company Name	Masterfeeds Inc.		
Facility Name	Park St		
Facility Address	130 Park St. Stratford, Ontario N5A 3W8		
Spatial Coordination of Facility	503209 m E 4801173 m N; Zone 17		
Number of Employees	16		
NPRI ID	10481		
Primary North American Industrial Classification System Code (NAICS)			
2 Digit NAICS Code	31 – Manufacturing		
4 Digit NAICS Code	3111 – Animal Food Manufacturing		
6 Digit NAICS Code	311119 – Other Animal Food Manufacturing		
Company Contact Information			
Facility Public Contact	Bill Kitmer Director of Operations bkitmer@masterfeeds.com Phone: 519 685-4300 x1225 Fax: 519 685-9410	Masterfeeds Inc. 1020 Hargrieve Road London, Ontario N6E 1P5	
	Facility Technical Contact		Same as facility address
	Company Coordinator Contact		
	Person who Prepared the Plan: (if different from the Coordinator)		
Highest Ranking Employee	Erik Martinez Environmental Consultant Planner License No. TSRP0005 Erik.Martinez@GHD.com Phone: 519-340-4213	GHD Limited 455 Phillip Street Waterloo, ON N2L 3X2	
	Doug Corriveau Plant Manager dcorriveau@masterfeeds.com Phone: (519) 273-1810		Same as facility address

Planner Information:		
Planner Responsible for Making Recommendations	Erik Martinez, P.Eng.	GHD Limited 455 Philip Street Waterloo, ON N2L 3X2
	Environmental Consultant	
	Planner License No. TSRP0005	
	Erik.Martinez@GHD.com	
	Phone: 519-340-4213	
Planner Responsible for Certification	(same as planner responsible for making recommendations)	

Toxic Reduction Policy Statement of Intent

Masterfeeds Inc. (Masterfeeds) Stratford Park Street facility (Facility) creates particulate matter with a diameter less than 2.5 µm (PM-2.5), particulate matter with a diameter less than 10 µm (PM-10), and total particulate matter (PM-Total) in its processes. The Facility does not intend to reduce the creation of these toxic substances at the Facility. Masterfeeds does not use PM-2.5, PM-10, or PM-Total; therefore, this Toxic Substance Reduction Plan (Plan) will not address reducing their use.

Reduction Objectives

Masterfeeds did not identify any reduction objectives as part of this Plan.

Description of Facility

Masterfeeds operates an animal feed manufacturing facility using a variety of raw materials such as corn, soya, canola, wheat, barley, and oats.

The raw materials are received at the Facility by truck and are unloaded into a receiving pit. Processing of the raw materials includes storage as well as grain processing operations including mill, screen, clean, mix, pelletize, cool, and store. The final animal feed product is gravity fed through a loading spout onto trucks for shipping to customers.

Toxic Substance Reduction Options

After looking into the seven categories of toxic substance reduction options, no options were identified. Explanations are provided in the table below to detail why an option could not be identified in each category.

Toxic Substance Reduction Category	Option: Identification and Description
1) Materials or feedstock substitution	No option identified: PM-2.5, PM-10, and PM-Total are not contained in the raw material used for processes at the Facility. Emissions are created through the various processing operations. Substituting raw materials would not reduce the amount of PM created.
2) Product design or reformulation	No option identified: Changes in the product design will not affect the process creating PM-2.5, PM-10, or PM-Total; therefore, no options have been identified for the category at this time.
3) Equipment or Process Modification	No option identified: The Facility equipment and manufacturing processes are currently optimized to produce final products that meet client specifications. Masterfeeds conducts regular preventative maintenance on all equipment to ensure it is operating efficiently. Process modifications are not possible.

Toxic Substance Reduction Category	Option: Identification and Description
4) Spill and Leak prevention	No option identified: There are no spills or leaks of PM-2.5, PM-10, or PM-Total that could occur at Masterfeeds. Spill and leak prevention is not a concern and an option cannot be identified in this category that would result in a reduction of PM-2.5, PM-10, or PM-Total created or released to air.
5) On-site reuse or recycling	No option identified: PM-2.5, PM-10, & PM-Total are only emitted as an air emission once created, and as such, cannot be reused or recycled; therefore no options for reduction in this category could be identified.
6) Improve inventory management or purchasing techniques	No option identified: The air emissions of PM-2.5, PM-10, & PM-Total have no relation to inventory management or purchasing techniques; therefore no options for reduction in this category could be identified.
7) Training or improved operating practices	No option identified: Masterfeeds currently has standard operating procedures and practices in place at the Facility. All employees are trained on the facility procedures and practices, as well as on the efficient use of process equipment. Operating practices and training procedures are reviewed and updated as necessary and area for improvement will continue to be evaluated on a regular basis; therefore, no options have been identified for the category at this time.

Plan Summary Statement

This plan summary accurately reflects the content of the toxic substance reduction plan for the creation of PM-10, PM-2.5, and PM-Total.

Certification by Highest Ranking Employee

Attached.

Certification by Licensed Planner

Attached.



2. Plan Certifications

Certification by Highest Ranking Employee

As of April 5, 2018, I, Doug Corriveau certify that I have read the toxic substance reduction plan for the toxic substances 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.

[PM-2.5]

[PM-10]

[Total Particulate Matter]



Doug Corriveau
Plant Manager
Masterfeeds Inc.

Date 4/5/18

Certification by Licensed Planner

As of April 5, 2018, I, Erik Martinez, certify that I am familiar with the processes at Masterfeeds that use 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 plan dated May 2016 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act, with the exception of subsection 11.1(2) since the plan was not dated prior to December 31, 2013.

[PM-2.5]

[PM-10]

[Total Particulate Matter]



Erik Martinez, P. Eng
Licensed Toxic Reduction Planner, License # TSRP0005
GHD Limited

Date 4/5/18