

Plan Summary
Combustion Gases
Carbon Monoxide, Nitrogen Oxides, Sulfur Dioxide and Particulate Matter

Atlantic Packaging Products Ltd.
111 Progress Facility

Basic Facility Information

Name and CAS Number of Substance	Carbon monoxide – CAS No. 630-08-0 Oxides of nitrogen (expressed as NO ₂) – CAS No. 11104-93-1 Sulphur Dioxide – CAS No. 7446-09-5 PM _{2.5} (Particulate Matter <=2.5 microns) – CAS No. NA - Mo9 PM ₁₀ (Particulate Matter <=10 microns) – CAS No. NA - M10	
Substances for which other plans have been prepared	Ammonia (Total) – CAS No. NA-16 Phosphorus (Total) – CAS No. NA-01 Hexachlorobenzene – CAS No. 118-74-1 Dioxins/Furans – N/A	
Facility Identification and Site Address		
Company Name	Atlantic Packaging Products Ltd. – 111 Progress	
Facility Name	Atlantic Packaging Products Ltd. – 111 Progress	
Facility Address	Physical Address:	Mailing Address: (if different)
	111 Progress Avenue Scarborough, ON M1P 2Y9	Same as physical address
Spatial Coordinates of Facility	Latitude: 43.7718, Longitude: -79.2735, Datum: 1983 UTM, Easting: 638650 m, Northing: 4847997 m	
Number of Employees	457	
NPRI ID	5688	
Ontario MOE ID Number	6162	
Parent Company (PC) Information		
PC Name and Address	Atlantic Packaging Products Ltd.	111 Progress Avenue Scarborough, ON M1P 2Y9
Percent Ownership for each PC	50%	
Business Number for PC	100326008	
Primary North American Industrial Classification System Code (NAICS)		
2 Digit NAICS Code	32 - Manufacturing	
4 Digit NAICS Code	3221 - Pulp, Paper & Paperboard Mills	
6 Digit NAICS Code	322130 - Paperboard Mills	
Certification Information		
Reduction Planner who made Recommendations to the Plan	Martinez, Erik	651 Colby Drive Waterloo, ON N2V 1C2
	Conestoga-Rovers & Associates (CRA)	
	emartinez@croworld.com	
	519.884.0510 x 2342	
Reduction Planner who Certified the Plan	Martinez, Erik	651 Colby Drive Waterloo, ON N2V 1C2
	Conestoga-Rovers & Associates (CRA)	
	emartinez@croworld.com	
	519.884.0510 x 2342	
Company Contact Information		
Facility Public Contact	Fatima Correia	Contact Address if different from Facility Address
	Environmental Manager	Same address as facility
	fatima_correia@atlantic.ca	
	Phone: (416) 298-5431	
	Fax: (416) 297-2292	
Highest Ranking Employee	Leo Easton	Contact Address if different from Facility Address
	Linerboard Mill Manager	Same address as facility
	Leo_Easton@Atlantic.ca	
	Phone: (416) 298-5310	

Plan Summary Statement

This plan summary accurately reflects the content of the toxic substance reduction plan for Carbon Monoxide, Nitrogen Oxides, Sulfur Dioxide and Particulate Matter, prepared by Atlantic Packaging Products Ltd, dated Dec 23, 2013.

Statement of Intent

Atlantic Packaging 111 Progress facility is currently using natural gas as energy source to meet the steam requirements of paper production. Additionally, it is incinerating the partially dewatered solids product of the wastewater treatment plant. The activities create as by-products carbon monoxide, nitrogen oxides, sulfur dioxides and particulate matter that are released into the air; hence these compounds are not used at the facility, rather they are created only. Atlantic intends to reduce the creation and release of all toxic substances, whenever feasible.

Reduction Objective

Atlantic Packaging is committed to protect the environment through continual improvement of its manufacturing processes and the prevention of pollution. The objective for 111 Progress Facility is to reduce the creation of combustion gases through the implementation of viable options, if any. This plan will determine the technical and economic feasibility of various reduction options, and identify if any is viable for implementation.

Description of substance

The paper fibre solids, by-product of the effluent treatment plant, are being incinerated. Also, natural gas is burned in the boilers to supply steam to the paper manufacturing and cardboard box converting operations. Both processes are responsible of creating carbon monoxide, nitrogen oxides, sulfur dioxides, and particulate matter (less than 2.5µm and less than 10µm). Additionally, welding support operations are responsible for particulate matter less than 10 µm (PM10).

Toxic substance reduction option to be implemented

There were no options technically and economically feasible that can be implemented by Atlantic to reduce the creation of any of the toxic substances (carbon monoxide, nitrogen oxides, sulfur dioxides, and particulate matter) at this time.

Plan Certifications

Certification by highest ranking employee

As of Dec 19, 2013, I, Leo Easton, certify that I have read the reports on the toxic substance reduction plan for the toxic substance referred to below and am familiar with their contents, and to my knowledge the information contained in the report is factually accurate and the reports comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under the Act.

630-08-0	Carbon monoxide
11104-93-1	Oxides of nitrogen (expressed as NO ₂)
7446-09-5	Sulphur Dioxide
NA - M09	PM _{2.5}
NA - M10	PM ₁₀



Leo Easton
Linerboard Mill Manager
Atlantic Packaging Products Ltd.

Certification by toxic substance reduction planner

As of December 23, 2013, I, Erik Martinez, certify that I am familiar with the processes at Atlantic Packaging Products Ltd 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 23, 2013 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

630-08-0	Carbon monoxide
11104-93-1	Oxides of nitrogen (expressed as NO ₂)
7446-09-5	Sulphur Dioxide
NA - M09	PM _{2.5}
NA - M10	PM ₁₀



12/23/13

Erik Martinez, P. Eng.
Toxic Substance Reduction Planner
License # TSRP0005
Conestoga-Rovers & Associates Ltd.