

**Plan Summary  
Phosphorus (Total)**

**Atlantic Packaging Products Ltd.  
111 Progress Facility**

## Basic Facility Information

<b>Name and CAS Number of Substance</b>	Phosphorus (Total) – CAS No. NA-01	
<b>Substances for which other plans have been prepared</b>	Ammonia (Total) – CAS No. NA-16 Carbon monoxide – CAS No. 630-08-0 Oxides of nitrogen (expressed as NO <sub>2</sub> ) – CAS No. 11104-93-1 Sulphur Dioxide – CAS No. 7746-09-5 PM <sub>2.5</sub> (Particulate Matter <=2.5 microns) – CAS No. NA - M09 PM <sub>10</sub> (Particulate Matter <=10 microns) – CAS No. NA - M10 Hexachlorobenzene – CAS No. 118-74-1 Dioxins/Furans – N/A	
<b>Facility Identification and Site Address</b>		
<b>Company Name</b>	Atlantic Packaging Products Ltd. – 111 Progress	
<b>Facility Name</b>	Atlantic Packaging Products Ltd. – 111 Progress	
<b>Facility Address</b>	Physical Address:	Mailing Address: (if different)
	111 Progress Avenue Scarborough, ON M1P 2Y9	Same as physical address
<b>Spatial Coordinates of Facility</b>	Latitude: 43.7718, Longitude: -79.2735, Datum: 1983 UTM, Easting: 638650 m, Northing: 4847997 m	
<b>Number of Employees</b>	457	
<b>NPRI ID</b>	5688	
<b>Ontario MOE ID Number</b>	6162	
<b>Parent Company (PC) Information</b>		
<b>PC Name and Address</b>	Atlantic Packaging Products Ltd.	111 Progress Avenue Scarborough, ON M1P 2Y9
<b>Percent Ownership for each PC</b>	50%	
<b>Business Number for PC</b>	100326008	
<b>Primary North American Industrial Classification System Code (NAICS)</b>		
<b>2 Digit NAICS Code</b>	32 - Manufacturing	
<b>4 Digit NAICS Code</b>	3221 - Pulp, Paper & Paperboard Mills	
<b>6 Digit NAICS Code</b>	322130 - Paperboard Mills	
<b>Certification Information</b>		
<b>Reduction Planner who made Recommendations to the Plan</b>	Martinez, Erik	651 Colby Drive Waterloo, ON N2V 1C2
	Conestoga-Rovers & Associates (CRA)	
	emartinez@croworld.com	
	519.884.0510 x 2342	
<b>Reduction Planner who Certified the Plan</b>	Martinez, Erik	651 Colby Drive Waterloo, ON N2V 1C2
	Conestoga-Rovers & Associates (CRA)	
	emartinez@croworld.com	
	519.884.0510 x 2342	
<b>Company Contact Information</b>		
<b>Facility Public Contact</b>	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		
<b>Highest Ranking Employee</b>	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 phosphorus, prepared by Atlantic Packaging Products Ltd, dated Dec 23, 2013.

## **Statement of Intent**

Atlantic Packaging 111 Progress facility is currently using phosphoric acid solution as a nutrient source for the microorganisms in the effluent treatment plant. There is no creation of phosphorus in the facility. Atlantic intends to reduce the usage 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 usage of phosphoric acid 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 mill uses chemicals to increase the paper strength and improve the paper dewatering, to aid the pumps in the dewatering stage and for cleaning. The chemicals contain small amounts of phosphorus. The effluent treatment plant uses phosphoric acid as the main source of nutrients to the microorganisms in the biological treatment.

## **Toxic substance reduction option to be implemented**

There were no options technically and economically feasible that can be implemented by Atlantic to reduce the use, creation, or releases of any of the toxic substances 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.

NA - 22                      Phosphorous (Total)



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**Leo Easton**  
Linerboard Mill Manager  
Atlantic Packaging Products Ltd.

Certification by toxic substance reduction planner

As of date, I, name, 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 version date and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.

NA - 22                      Phosphorous (Total)

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Name  
Position  
Company