The Toxics Reduction Act (the Act) and associated Ontario Regulation 455/09 (O. Reg. 455/09) was introduced in the Province of Ontario in 2010; the Act requires regulated facilities to complete the following tasks.

1. Track, quantify and report annually on the toxic substances they use, create, release, dispose, transfer and contain in products.

2. Develop plans to reduce the use and creation of these substances.

3. Make annual reports and summaries of their plans available to their employees and the public.

Section 1: General Facility Information

Business Name:	McKenzie Lumber Inc.
Street / Mailing Address:	120 The Mill Road, Hudson, Ontario P0V 2X0
% Ownership:	100%
Facility Name:	Buchanan Sales Inc.
Street / Mailing Address:	PO BOX 22019 Thunder Bay, Ontario P7A 8A8
2 Digit, 4 Digit and 6 Digit NAICS ID:	32, 3211, 321111
UTM Easting / UTM Northing:	557459.12 / 5549080.52
Number of Employees:	142
Public/Technical Contact:	Mr. Don Fenelon Mill Manager 120 The Mill Road Hudson, Ontario P0V 2X0 (807) 582-3271 ext. 224
Company Certifying Official:	Mr. Don Fenelon Mill Manager 120 The Mill Road Hudson, Ontario P0V 2X0 (807) 582-3271 ext. 224
Company Highest Ranking Employee:	Mr. Don Fenelon Mill Manager 120 The Mill Road Hudson, Ontario P0V 2X0 (807) 582-3271 ext. 224

Section 2: Prescribed Toxic Substances On-Site

27 toxic substances were identified to be reported on a facility wide basis under O. Reg. 455/09. These substances are identified in Table 1 below.

Table 1: Substances Reported on a Facility Wide Basis

Prefix	Name	CAS # †		Use	Creation	Contained in Product	Releases to Air	Off-Site Disposal	Reporting Unit
	Lead (and its compounds)[17]	NA-08	2014	1.17E+02	0.00E+00	1.17E+02	1.86E+00	4.89E+00	kg
			2013	6.53E+01	0.00E+00	6.52E+01	7.07E-02	4.26E+00	
			Change	5.13E+01	0.00E+00	5.14E+01	1.79E+00	6.29E-01	
			% Change	78.6%	0.0%	78.9%	2530.8%	14.8%	
	Arsenic (and its compounds)[17]	NA-02	2014	2.37E+02	0.00E+00	2.37E+02	8.51E-01	9.95E+00	kg
			2013	N/A	N/A	N/A	N/A	N/A	
			Change	--	--	--	--	--	
			% Change	--	--	--	--	--	
	Hexachlorobenzene	118-74-1	2014	--	0	--	0	--	g
			2013	--	0	--	0	--	
			Change	--	0	--	0	--	
			% Change	--	0%	--	0%	--	
2,3,7,8-	Tetrachlorodibenzo-p-dioxin	1746-01-6	2014	--	3.00E-04	--	3.00E-04	--	g
			2013	--	0	--	0	--	
			Change	--	3.00E-04	--	3.00E-04	--	
			% Change	--	100%	--	100%	--	
1,2,3,7,8-	Pentachlorodibenzo-p-dioxin	40321-76-4	2014	--	0	--	0	--	g
			2013	--	0	--	0	--	
			Change	--	0	--	0	--	
			% Change	--	0%	--	0%	--	
1,2,3,4,7,8-	Hexachlorodibenzo-p-dioxin	39227-28-6	2014	--	0	--	0	--	g
			2013	--	0	--	0	--	
			Change	--	0	--	0	--	
			% Change	--	0%	--	0%	--	
1,2,3,7,8,9-	Hexachlorodibenzo-p-dioxin	19408-74-3	2014	--	0	--	0	--	g
			2013	--	0	--	0	--	
			Change	--	0	--	0	--	
			% Change	--	0%	--	0%	--	
1,2,3,6,7,8-	Hexachlorodibenzo-p-dioxin	57653-85-7	2014	--	0	--	0	--	g
			2013	--	0	--	0	--	
			Change	--	0	--	0	--	
			% Change	--	0%	--	0%	--	
1,2,3,4,6,7,8-	Heptachlorodibenzo-p-dioxin	35822-46-9	2014	--	0	--	0	--	g
			2013	--	0	--	0	--	
			Change	--	0	--	0	--	
			% Change	--	0%	--	0%	--	
	Octachlorodibenzo-p-dioxin	3268-87-9	2014		2.47E+00		2.47E+00		g
			2013	--	1.28E+00	--	1.28E+00	--	
			Change		1.17E+00		1.17E+00		
			% Change		90%		90%		
2,3,7,8-	Tetrachlorodibenzofuran	51207-31-9	2014		3.40E-03		3.40E-03		g
			2013	--	0	--	0	--	
			Change		3.40E-03		3.40E-03		
			% Change		100%		100%		
2,3,4,7,8-	Pentachlorodibenzofuran	57117-31-4	2014	--	0	--	0	--	g
			2013	--	0	--	0	--	
			Change	--	0	--	0	--	
			% Change	--	0%	--	0%	--	
1,2,3,7,8-	Pentachlorodibenzofuran	57117-41-6	2014	--	0	--	0	--	g
			2013	--	0	--	0	--	
			Change	--	0	--	0	--	
			% Change	--	0%	--	0%	--	
1,2,3,4,7,8-	Hexachlorodibenzofuran	70648-26-9	2014	--	0	--	0	--	g
			2013	--	0	--	0	--	
			Change	--	0	--	0	--	
			% Change	--	0%	--	0%	--	
1,2,3,7,8,9-	Hexachlorodibenzofuran	72918-21-9	2014	--	0	--	0	--	g
			2013	--	0	--	0	--	
			Change	--	0	--	0	--	
			% Change	--	0%	--	0%	--	
1,2,3,6,7,8-	Hexachlorodibenzofuran	57117-44-9	2014	--	0	--	0	--	g
			2013	--	0	--	0	--	
			Change	--	0	--	0	--	
			% Change	--	0%	--	0%	--	
2,3,4,6,7,8-	Hexachlorodibenzofuran	60851-34-5	2014	--	0	--	0	--	g
			2013	--	0	--	0	--	
			Change	--	0	--	0	--	
			% Change	--	0%	--	0%	--	

Prefix	Name	CAS # †		Use	Creation	Contained in Product	Releases to Air	Off-Site Disposal	Reporting Unit
1,2,3,4,6,7,8-	Heptachlorodibenzofuran	67562-39-4	2014	--	0	--	0	--	g
			2013	--	0	--	0	--	
			Change	--	0	--	0	--	
			% Change	--	0%	--	0%	--	
1,2,3,4,7,8,9-	Heptachlorodibenzofuran	55673-89-7	2014	--	0	--	0	--	g
			2013	--	0	--	0	--	
			Change	--	0	--	0	--	
			% Change	--	0%	--	0%	--	
	Octachlorodibenzofuran	39001-02-0	2014	--	3.30E-03	--	3.30E-03	--	g
			2013	--	1.70E-03	--	1.70E-03	--	
			Change	--	1.60E-03	--	1.60E-03	--	
			% Change	--	94%	--	94%	--	
	PM2.5 - Particulate Matter <= 2.5 Microns	NA-M10	2014	-	6.18E+00	-	6.18E+00	-	tonnes
			2013	-	3.29E+00	-	3.29E+00	-	
			Change	-	2.89E+00	-	2.89E+00	-	
			% Change	-	88%	-	88%	-	
	PM10 - Particulate Matter <= 10 Microns[19, 20]	NA-M09	2014	-	1.10E+01	-	1.10E+01	-	tonnes
			2013	-	6.70E+00	-	6.70E+00	-	
			Change	-	4.27E+00	-	4.27E+00	-	
			% Change	-	64%	-	64%	-	
	Total Particulate Matter[19, 21]	NA-M08	2014	-	3.55E+01	-	3.55E+01	-	tonnes
			2013	-	2.20E+01	-	2.20E+01	-	
			Change	-	1.36E+01	-	1.36E+01	-	
			% Change	-	62%	-	62%	-	
beta-	Phellandrene	555-10-2	2014	-	2.01E+00	-	2.01E+00	-	tonnes
			2013	-	1.76E+00	-	1.76E+00	-	
			Change	-	2.50E-01	-	2.54E-01	-	
			% Change	-	14%	-	14%	-	
alpha-	Pinene	80-56-8	2014	-	2.24E+00	-	2.24E+00	-	tonnes
			2013	-	1.08E+00	-	1.08E+00	-	
			Change	-	1.16E+00	-	1.16E+00	-	
			% Change	-	107%	-	107%	-	
	Methanol	67-56-1	2014	-	1.53E+00	-	1.53E+00	-	tonnes
			2013	-	0	-	0	-	
			Change	-	1.53E+00	-	1.53E+00	-	
			% Change	-	100%	-	100%	-	
	Carbon Monoxide	630-08-0	2014	-	1.56E+02	-	1.56E+02	-	tonnes
			2013	-	7.81E+01	-	7.81E+01	-	
			Change	-	7.79E+01	-	7.79E+01	-	
			% Change	-	100%	-	100%	-	

Section 2: Summary of Changes

The increase in production resulted in an overall increase in quantities entering (USE) for Arsenic and Lead which are substances naturally present in logs.

The increase in quantities disposed resulted in an overall increase for Arsenic and Lead which are substances naturally present in bark.

Air emissions increased for Dioxins and Furans, Carbon Monoxide, VOCs since the facility burned more wood material in the conical burner and wood-fired combustor.

Air emissions increased for Particulate Matter, PM_{10} and $PM_{2.5}$ due to the increase in production, wood fuel burned and material stockpiled.

Section 3: Certification by Highest Ranking Employee

As of June 1, 2015, I, Don Fenelon certify that I have read the report on the toxic substance tracking, accounting and reporting for the toxic substances referred to above and am familiar with its contents, and to my knowledge the information contained in the report is factually accurate and the report complies with the Toxics Reduction Act, 2009 and O. Reg. 455/09 (General) made under that Act.

Don Fenelon
Mill Manager
McKenzie Lumber Inc.