

Douglas Barwick Inc. (Brockville, Ontario)
Toxics Reduction Act Plan Report to Public & Staff

Category	Data
Substance Name(s) and CAS #(s)	Chromium (CAS # NA-04), Copper (CAS # NA-06), Nickel (CAS # NA-11), Manganese (CAS # NA-09) and their Compounds
The Facility	
Legal and operation name of the company	Douglas Barwick Inc.
Street and mailing address of the company	P. O. Box 756, 150 California Avenue Brockville, Ontario, K6V 5W1
Facility ID	Brockville Plant
Web Site Address	Douglasbarwick.com
The Parent Company	
Legal and operation name of the parent company	Marshall Barwick Inc.
Street and mailing address of the company	100 Sheppards Avenue East Suite 930 North York, Ontario, M2N 6N5
What percentage of the facility is owned by the parent company	100%
Facility data	
National Pollutant Release Inventory #	004717
MOE Reg. 127 # (if applicable)	N/A
Contact information for the Public Contact	Mr. Lorne Raycroft P. O. Box 756, 150 California Avenue Brockville, Ontario, K6V 5W1 Phone: 613 342 8471 (cell 613 349 5576) Fax: 613 342 4432 Email: lorneaycroft@douglasbarwick.com
Company Official Certifying the Submission	Mr. John Jonkman
Name of the highest ranking employee at the facility	Mr. John Jonkman, Plant Manager

Number of full-time employee equivalents	59
Two, four and six digit NAICS code	33, 3312, 331210
Spatial coordinates for the facility expressed in Universal Transverse Mercator (UTM) within a North American Datum 83 (NAD83)	Easting: 444,926.99 Northing: 4,940,162.11
Facility Operating Schedule	Monday to Friday - 52 weeks per year
Typical Number of Hours of Operation	8 hours per day - 40 hours per week
Average Daily Start Time	7:00 am
Periods, of one week or longer, where the facility was shut down	July 18, 2011 to Aug. 02, 2011 Sat. Dec 22 to Dec 31 2011
Did the facility prepare or implement any pollution prevention plans	No
Does the facility report under other Environmental Regulations or Permits	Yes
Reporting Programs	
	Environment Canada NPRI
	Ontario Ministry of the Environment Toxics Reduction Act
Licensed TRA Planner	
Name of Planner who made the recommendations	Mr. John McGeough
Licence # of Planner who made the recommendations	TSRP0006
Name of Planner who certified the Plan	Mr. John McGeough
Licence # of Planner who certified the Plan	TSRP0006
Certifications	
Certification by the highest ranking on-site employee	Please see below
Certification by the Planner who certified the Plan	Please see below
Intent, Objectives (and Targets, if applicable)	Please see below

Facility Reportable Substance List	
Chromium (and its compounds)	
Used	
2010 (Range) - tonnes	>100 to 1000
2011 (Range) - tonnes	>100 to 1000
Reason for change	Increase in "steels" purchased (remainder, insignificant)
Created / Destroyed / Transformed	
2010 (Range) - tonnes	0.000
2011 (Range) - tonnes	0.000
Reason for change	N/A
Contained in Product	
2010 (Range) - tonnes	>100 to 1000
2011 (Range) - tonnes	>100 to 1000
Reason for change	Increase in Product produced
Total Releases (on-site)	
2010 (Range) - tonnes	0 to 1
2011 (Range) - tonnes	0 to 1
Reason for change	Insignificant
Disposals – Direct to disposal	
2010 (Range) - (shipped) tonnes	0 to 1
2011 (Range) - (shipped) tonnes	0 to 1
Reason for change	The addition of 2 new direct to disposal sources
Disposals to Treatment pre-disposal	
2010 (Range) - (shipped) tonnes	0 to 1
2011 (Range) - (shipped) tonnes	0 to 1
Reason for change	Insignificant

Recycling - Recovery of Metals	
2010 (Range) - (shipped) tonnes	>10 to 100
2011 (Range) - (shipped) tonnes	>10 to 100
Reason for change	Reduced "wastage" vs "steels" purchased; Increase in "steels" purchased
Copper (and its compounds)	
Used	
2010 (Range) - tonnes	>10 to 100
2011 (Range) - tonnes	>10 to 100
Reason for change	Increase in "steels" purchased (remainder, insignificant)
Created / Destroyed / Transformed	
2010 (Range) - tonnes	0.000
2011 (Range) - tonnes	0.000
Reason for change	N/A
Contained in Product	
2010 (Range) - tonnes	>1 to 10
2011 (Range) - tonnes	>10 to 100
Reason for change	Increase in Product produced (remainder, insignificant)
Total Releases (on-site)	
2010 (Range) - tonnes	0 to 1
2011 (Range) - tonnes	0 to 1
Reason for change	Insignificant
Disposals – Direct to disposal	
2010 (Range) - (shipped) tonnes	0 to 1
2011 (Range) - (shipped) tonnes	0 to 1
Reason for change	The addition of 2 new direct to disposal sources

Disposals to Treatment pre-disposal	
2010 (Range) - (shipped) tonnes	0 to 1
2011 (Range) - (shipped) tonnes	0 to 1
Reason for change	Insignificant
Recycling - Recovery of Metals	
2010 (Range) - (shipped) tonnes	>1 to 10
2011 (Range) - (shipped) tonnes	>1 to 10
Reason for change	Reduced "wastage" vs "steels" purchased; Increase in "steels" purchased
Manganese (and its compounds)	
Used	
2010 (Range) - tonnes	>10 to 100
2011 (Range) - tonnes	>10 to 100
Reason for change	Increase in "steels" purchased (remainder, insignificant)
Created / Destroyed / Transformed	
2010 (Range) - tonnes	0.000
2011 (Range) - tonnes	0.000
Reason for change	N/A
Contained in Product	
2010 (Range) - tonnes	>10 to 100
2011 (Range) - tonnes	>10 to 100
Reason for change	Increase in Product produced (remainder, insignificant)
Total Releases (on-site)	
2010 (Range) - tonnes	0 to 1
2011 (Range) - tonnes	0 to 1
Reason for change	Insignificant

Disposals – Direct to disposal	
2010 (Range) - (shipped) tonnes	0 to 1
2011 (Range) - (shipped) tonnes	0 to 1
Reason for change	The addition of 2 new direct to disposal sources
Disposals to Treatment pre-disposal	
2010 (Range) - (shipped) tonnes	0 to 1
2011 (Range) - (shipped) tonnes	0 to 1
Reason for change	Insignificant
Recycling - Recovery of Metals	
2010 (Range) - (shipped) tonnes	>1 to 10
2011 (Range) - (shipped) tonnes	>1 to 10
Reason for change	Reduced "wastage" vs "steels" purchased; Increase in "steels" purchased
Nickel (and its compounds)	
Used	
2010 (Range) - tonnes	>100 to 1000
2011 (Range) - tonnes	>100 to 1000
Reason for change	Increase in "steels" purchased (remainder, insignificant)
Created / Destroyed / Transformed	
2010 (Range) - tonnes	0.000
2011 (Range) - tonnes	0.000
Reason for change	N/A
Contained in Product	
2010 (Range) - tonnes	>100 to 1000
2011 (Range) - tonnes	>100 to 1000
Reason for change	Increase in Product produced (remainder, insignificant)

Total Releases (on-site)	
2010 (Range) - tonnes	0 to 1
2011 (Range) - tonnes	0 to 1
Reason for change	Insignificant
Disposals – Direct to disposal	
2010 (Range) - (shipped) tonnes	0 to 1
2011 (Range) - (shipped) tonnes	0 to 1
Reason for change	The addition of 2 new direct to disposal sources
Disposals to Treatment pre-disposal	
2010 (Range) - (shipped) tonnes	0 to 1
2011 (Range) - (shipped) tonnes	0 to 1
Reason for change	Insignificant
Recycling - Recovery of Metals	
2010 (Range) - (shipped) tonnes	>10 to 100
2011 (Range) - (shipped) tonnes	>10 to 100
Reason for change	Reduced "wastage" vs "steels" purchased; Increase in "steels" purchased
Facility's progress in implementing its plan	N/A

Statement of Intent (re: each toxic considered):

Douglas Barwick is not intending to reduce the use (creation is not applicable) of Chromium (CAS # NA-04), Copper (CAS # NA-06), Nickel (CAS # NA-11), Manganese (CAS # NA-09) and their Compounds, because no reduction options identified, after exhaustive analysis, were both technically and economically feasible. However, Douglas Barwick is committed to insuring that Chromium (CAS # NA-04), Copper (CAS # NA-06), Nickel (CAS # NA-11), Manganese (CAS # NA-09) and their Compounds are handled in the most responsible and efficient manner (that is consistent with technical feasibility and economic feasibility restraints).

Objectives (re: each toxic considered):

While Douglas Barwick does not intend to reduce the current use (creation is not applicable) of Chromium (CAS # NA-04), Copper (CAS # NA-06), Nickel (CAS # NA-11), Manganese (CAS # NA-09) and their Compounds, due to current technical feasibility and economic feasibility restraints, Douglas Barwick is committed to conducting further research to identify new reduction options and/or activities which will reduce current discharges to air/water/land and/or limit the amount currently sent to recycling and/or divert wastes that are currently sent for disposal (to either recycling or, at least, treatment prior to disposal) ... that are consistent with technical feasibility and economic feasibility restraints.

Certification by the highest ranking on-site employee:

I, Mr. John Jonkman, certify that I have read the toxic substance reduction plans, dated August 17 to 31, 2012, for Chromium (CAS # NA-04), Copper (CAS # NA-06), Nickel (CAS # NA-11), Manganese (CAS # NA-09) and their Compounds, and am familiar with their 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.

Certification by the Toxics Reduction Planner:

I, Mr. John McGeough (Licence # TSRP0006), certify that I am familiar with the processes at Douglas Barwick Inc. (Brockville, Ontario), that use or create Chromium (CAS # NA-04), Copper (CAS # NA-06), Nickel (CAS # NA-11), Manganese (CAS # NA-09) and their Compounds, and 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 plans, dated August 17 to 31, 2012, and that the plans comply with that Act and Ontario Regulation 455/09 (General) made under the Act.