

Updated: May 2016

## General Information

### Canadian Parent Company

Legal name	Moore Canada Corporation dba RR Donnelley
% owned by parent	100%
CCRA business number	120906755

### Facility Information

Number of full-time equivalent employees	111
NAICS	323119 Other Printing
NPRI ID	11229 (Assigned by Environment Canada)
UTM NAD83 coordinates (entrance)	607599, 4834297

Facility Address  
Annan & Bird Lithographers Ltd.  
1060 Tristar Drive  
Mississauga, ON L5T 1H9

Highest ranking employee  
Harry Nash  
Plant Manager  
(905) 670-0604  
harrynash@annan-bird.com

Person who coordinated preparation of plan  
Harry Nash  
Plant Manager  
(905) 670-0604  
harrynash@annan-bird.com

Person who prepared plan  
Wendy Nadan  
Nadan Consulting Ltd  
Planner License # TRSP 0092  
151 Montgomery Blvd  
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Public contact  
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## Statement of Intent

Annan & Bird is committed to reducing the environmental impact of its manufacturing operations. Management will continue to explore options to reduce the usage of toxic substances while providing innovative solutions to our customers.

## Substance Details

Substances included in Phase I that trigger reporting

Substance	CAS #
2-Butoxyethanol	111-76-2
Hydrotreated heavy naphta	64742-48-9
Light aromatic solvent naphta	64742-95-6

Accounting Details

Substance	Accounting Quantities (tonnes)	
	2012 Use	2012 Created
2-Butoxyethanol	1.833	0
Hydrotreated heavy naphta	3.308	0
Light aromatic solvent naphta	1.258	0

## Substance Use

2-Butoxyethanol is a component of fountain solution which is used to reduce the surface tensions and enable wetting of the plates during the printing process.

Hydrotreated heavy naphta and light aromatic solvent naphta are found in cleaning solvents used in the press production area. These cleaning solvents are formulated to clean modern rubber compounds and will not harm the elastomers or synthetic ingredients used in blanket and roller manufacturing.

## Objective & Options that will be Implemented

Annan & Bird has prepared a toxic substance reduction plan for VOC's to investigate options to reduce the usage of VOCs while supplying customers with products that meet their needs.

After reviewing options for VOC reduction we have concluded that there are no technically or economically feasible options to implement, as Annan & Bird has purchased presses with best available technology for cleaning to minimize the use of VOCs.

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### Plan Summary Statement

This plan summary accurately reflects the content of the toxic substance reduction plan for prepared by Nadan Consulting Ltd dated November 2013.

### Certification

As of November 24, 2013, I, Harry Nash, certify that I have read the toxic substance reduction plan for VOCs 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.



\_\_\_\_\_  
Harry Nash, Plant Manager

November 25, 2013

\_\_\_\_\_  
Date

As of November 24, 2013, I, Wendy Nadan certify that I am familiar with the processes at Annan & Bird that uses VOCs, 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 November 24, 2013 and that the plan complies with that Act and Ontario Regulation 455/09 (General) made under that Act.



\_\_\_\_\_  
Wendy Nadan, Toxic Substance Reduction Planner

November 24, 2013

\_\_\_\_\_  
Date

Updated: May 2016

**May 2016 Update**

As reported annually to the National Pollution Release Inventory (Canada)

Note: No reporting substances are created within the facility.

**Comparison Report – Use Only (Tonnes)**

Substance	Substance Used					
	2012	2013	2014	2015	Change	Change %
2-Butoxyethanol	1.833					
Light aromatic solvent naphta	1.258					
Hydrotreated heavy naphta	3.308	3.308	2.510	6.038	3.528	140.56%
Solvent naphta medium aliphatic		3.605	3.805	1.097	-2.708	-71.17%

Reasons for change: Fluctuating levels of production across different equipment.

**Comparison Report - On-Site Releases (Tonnes)**

Substance	On-Site Releases					
	2012	2013	2014	2015	Change	Change %
2-Butoxyethanol	1.421					
Light aromatic solvent naphta	1.044					
Hydrotreated heavy naphta	3.308	3.308	2.51	6.038	3.528	140.56%
Solvent naphta medium aliphatic	0	3.605	3.805	1.097	-2.708	-71.17%

Reasons for change: Fluctuating levels of production across different equipment.

**Certification – Update May 2016**

As of May 30,2016, I, Harry Nash, certify that I have read the toxic substance reduction plan (including the May 2016 update) for VOCs 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.

\_\_\_\_\_  
 Harry Nash, Plant Manager

\_\_\_\_\_  
 May 30, 2016  
 Date