



National Pollutant Release Inventory (NPRI) and Partners



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Report Preview

Report Details

Report Year	2018
Report Type:	NPRI,ON MECP TRA
Report Status:	Submitted
Modified Date/Time:	01/04/2019 11:50 AM

Company and Facility Details

Company Name:	Stanpac INK
Business Number:	104991724
Mailing Address:	Delivery Mode: SuburbanServices Address Line 1: 2660 Industrial Park Road City, Province/Territory, Postal Code: Smithville Ontario L0R 2A0 Country: Canada
Facility Name:	Stanpac INK
NAICS Code:	323119
NPRI ID:	28754
Portable:	No
Physical Address:	Address Line 1: 2660 Industrial Park Road City, Province/Territory, Postal Code: Smithville Ontario L0R 2A0 Country: Canada Latitude: 43.09932 Longitude: -79.5366 UTM Zone: 1 UTM Easting: 100000 UTM Northing: 1

Parent Companies

Company Name:	Stanpac Ink
Business Number:	104991724
Civic Address:	Address Line 1: City, Province/Territory, Postal Code: None Country: None Latitude: 43.09932 Longitude: -79.5366

Contacts Details

Contact Type	Technical Contact, Contractor Contact, Person who prepared the report, Person who coordinated the preparation of the Toxics Reduction Plan
Name:	Chris Lovell

Position:	Principal Consultant
Telephone:	5193598620
Email:	clovell@ciaccess.com
Independent contractor/consultant company name:	Lovell & Associates

Contact Type	Certifying Official, Company Coordinator, Public Contact
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Name:	Rob Schwartz
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Position:	Safety
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Telephone:	9059573930
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Extension	2238
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Email:	rob.schwartz@stanpacnet.com
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Contact Type	Highest Ranking Employee
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Name:	David Kuzmich
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Position:	Vice President Engineering
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Telephone:	9059573930
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Extension	2226
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Email:	davidk@stanpacnet.com
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Mailing Address:	Delivery Mode: SuburbanServices Address Line 1: 2660 Industrial Park Road City, Province/Territory, Postal Code: Smithville Ontario L0R 2A0 Country: Canada
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General Information

Number of employees:	64
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Activities for Which the 20,000-Hour Employee Threshold Does Not Apply:	None of the above
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Activities Relevant to Reporting of Dioxins, Furans and Hexacholorobenzene:	None of the above
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Activities Relevant to Reporting of Polycyclic Aromatic Hydrocarbons (PAHs):	Wood preservation using creosote: No
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Is this the first time the facility is reporting to the NPRI (under current or past ownership):	No
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Is the facility controlled by another Canadian company or companies:	No
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Is the facility required to report one or more NPRI Part 4 substances (Criteria Air Contaminants):	No
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Operating Schedule - Days of the Week:	Mon, Tue, Wed, Thu, Fri
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Usual Number of Operating Hours per day:	8
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Usual Daily Start Time (24h) (hh:mm):	07:00
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Shutdown Periods:

From 2018-07-07 To 2018-07-14	
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From 2018-07-07 To 2018-07-14	
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Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
NA - 03	Cadmium (and its compounds)	N/A	N/A	N/A	N/A	kg
NA - 08	Lead (and its compounds)	N/A	N/A	N/A	N/A	kg

Applicable Programs

CAS RN	Substance Name	NPRI	ON MECP TRA	ON MECP Reg 127/01	First report for this substance to the ON MECP TRA
NA - 03	Cadmium (and its compounds)	Yes	Yes		No
NA - 08	Lead (and its compounds)	Yes	Yes		No

General Information about the Substance - Releases and Transfers of the Substance

CAS RN	Substance Name	Was the substance released on-site	The substance will be reported as the sum of releases to all media (total of 1 tonne or less)	1 tonne or more of a Part 5 Substance (Speciated VOC) was released to air
NA - 03	Cadmium (and its compounds)	No	No	No
NA - 08	Lead (and its compounds)	No	No	No

General Information about the Substance - Disposals and Off-site Transfers for Recycling

CAS RN	Substance Name	Was the substance disposed of (on-site or off-site), or transferred for treatment prior to final disposal	Is the facility required to report on disposals of tailings and waste rock for the selected reporting period	Was the substance transferred off-site for recycling
NA - 03	Cadmium (and its compounds)	No	No	No
NA - 08	Lead (and its compounds)	No	No	No

General Information about the Substance - Nature of Activities

CAS RN	Substance Name	Manufacture the Substance	Process the Substance	Otherwise Use of the Substance
NA - 03	Cadmium (and its compounds)			As a manufacturing aid As a by-product
NA - 08	Lead (and its compounds)			As a physical or chemical processing aid As a manufacturing aid

TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity	Use ranges for public reporting
NA - 03	Cadmium (and its compounds)	Use	55 kg	Yes
NA - 03	Cadmium (and its compounds)	Creation	0 kg	Yes
NA - 03	Cadmium (and its compounds)	Contained in Product	55 kg	Yes
NA - 08	Lead (and its compounds)	Use	890 kg	Yes
NA - 08	Lead (and its compounds)	Creation	0 kg	Yes
NA - 08	Lead (and its compounds)	Contained in Product	890 kg	Yes

TRA Quantifications - Others

CAS RN	Substance Name	Change in Method of Quantification	Reasons for Change	Description of how the change impact tracking and quantification of the substance	Description of how an incident(s) affected quantifications	Significant Process Change	Reason for the significant process change
NA - 03	Cadmium (and its compounds)					No	
NA - 08	Lead (and its compounds)					No	

On-site Releases - Reasons for Changes in Quantities Released from Previous Year

CAS RN	Substance Name	Reasons for Changes in Quantities from Previous Year	Comments
NA - 03	Cadmium (and its compounds)	Decrease in production levels	
NA - 08	Lead (and its compounds)	Decrease in production levels	

Disposals - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Disposed	Reasons for Changes in Quantities from Previous Year	Comments
NA - 03	Cadmium (and its compounds)		Decrease in production levels	
NA - 08	Lead (and its compounds)		Decrease in production levels	

Recycling - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Recycled	Reasons for Changes in Quantities Recycled from Previous Year	Comments
NA - 03	Cadmium (and its compounds)		Changes in estimation methods	
NA - 08	Lead (and its compounds)		Changes in estimation methods	

Comparison Report - Enters, Creation, Contained in Product

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
NA - 03	Cadmium (and its compounds)	No	Enters the facility (Use)	55 kg	61 kg	2017	-6	-9.84
NA - 03	Cadmium (and its compounds)	No	Creation	0 kg	0 kg	2017	0	
NA - 03	Cadmium (and its compounds)	No	Contained in Product	55 kg	61 kg	2017	-6	-9.84
NA - 08	Lead (and its compounds)	No	Enters the facility (Use)	890 kg	723 kg	2017	167	23.10
NA - 08	Lead (and its compounds)	No	Creation	0 kg	0 kg	2017	0	
NA - 08	Lead (and its compounds)	No	Contained in Product	890 kg	723 kg	2017	167	23.10

Comparison Report - Enters, Creation, Contained in Product : Reason(s) for Change

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - 03	Cadmium (and its compounds)	Decrease in production levels	
NA - 08	Lead (and its compounds)	Decrease in production levels	

Pollution Prevention

Does the facility have a documented pollution prevention plan?

No

Did the facility complete any pollution prevention activities in the current NPRI reporting year

No

Progress on TRA Plan - Objectives

CAS RN	Substance Name	Objectives
NA - 03	Cadmium (and its compounds)	The facility intends to reduce the use and/or creation of reportable substances wherever technically and economically feasible.
NA - 08	Lead (and its compounds)	The facility intends to reduce the use and/or creation of reportable substances wherever technically and economically feasible.

Progress on TRA Plan - Use Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
NA - 03	Cadmium (and its compounds)	No quantity target	No timeline target	
NA - 08	Lead (and its compounds)	No quantity target	No timeline target	

Progress on TRA Plan - Creation Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
NA - 03	Cadmium (and its compounds)	No quantity target	No timeline target	
NA - 08	Lead (and its compounds)	No quantity target	No timeline target	

Progress on TRA Plan - Additional Actions

CAS RN	Substance Name	Were there any additional actions outside the plan taken during the reporting period to reduce the use and/or creation of the substance?	Describe any additional actions that were taken during the reporting period to achieve the plan's objectives	Provide a public summary of the description of the additional action taken
	Cadmium			

CAS RN	Substance Name	Were there any additional actions outside the plan taken during the reporting period to reduce the use and/or creation of the substance?	Describe any additional actions that were taken during the reporting period to achieve the plan's objectives	Provide a public summary of the description of the additional action taken
NA - 03	(and its compounds)	No		
NA - 08	Lead (and its compounds)	No		

Progress on TRA Plan - Reductions due to additional actions taken

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
NA - 03	Cadmium (and its compounds)	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 03	Cadmium (and its compounds)	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 03	Cadmium (and its compounds)	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
NA - 03	Cadmium (and its compounds)	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 03	Cadmium (and its compounds)	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 03	Cadmium (and its compounds)	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
NA - 03	Cadmium (and its compounds)	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - 03	Cadmium (and its compounds)	The amount of reduction in the substance disposed off-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - 03	Cadmium (and its compounds)	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	
NA - 08	Lead (and its compounds)	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 08	Lead (and its compounds)	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 08	Lead (and its compounds)	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
NA - 08	Lead (and its compounds)	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 08	Lead (and its compounds)	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - 08	Lead (and its compounds)	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
NA - 08	Lead (and its compounds)	The amount of reduction in the substance disposed on-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - 08	Lead (and its compounds)	The amount of reduction in the substance disposed off-site (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - 08	Lead (and its compounds)	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	

Progress on TRA Plan - Amendments

CAS RN	Substance Name	Were any amendments made to the toxic substance reduction plan during the reporting period	Description any amendments that were made to the toxic substance reduction plan during the reporting period	Provide a public summary of the description of any amendments that were made to the toxic substance reduction plan during the reporting period
NA - 03	Cadmium (and its compounds)	No		
NA - 08	Lead (and its compounds)	No		

Report Submission and Electronic Certification

NPRI - Electronic Statement of Certification

Specify the language of correspondence

English

Comments (optional)

I hereby certify that I have exercised due diligence to ensure that the submitted information is true and complete. The amounts and values for the facility(ies) identified below are accurate, based on reasonable estimates using available data. The data for the facility(ies) that I represent are hereby submitted to the programs identified below using the Single Window Reporting Application.

I also acknowledge that the data will be made public.

Note: Only the person identified as the Certifying Official or the authorized delegate should submit the report(s) identified below.

Company Name

Stanpac INK

Certifying Official (or authorized delegate)

Rob Schwartz

Report Submitted by

Rob Schwartz

I, the Certifying Official or authorized delegate, agree with the statements above and acknowledge that by pressing the "Submit Report(s)" button, I am electronically certifying and submitting the facility report(s) for the identified company to its affiliated programs.

ON MECP TRA - Electronic Certification Statement

Annual Report Certification Statement

As of 01/04/2019, I, David Kuzmich, certify that I have read the reports on the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the information contained in the reports is factually accurate and the reports comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

TRA Substance List*

CAS RN

Substance Name

NA - 03

Cadmium (and its compounds)

NA - 08

Lead (and its compounds)

*Due to reporting system limitations, for the 2018 annual report the TRA Substance List may included new Volatile Organic Compounds (VOCs) and/or Dioxins and Furans congeners reported to NPRI only.

Company Name

Stanpac INK

Highest Ranking Employee

David Kuzmich

Report Submitted by

Rob Schwartz

Website address

I, the highest ranking employee, agree with the certification statement(s) above and acknowledge that by checking the box I am electronically signing the statement(s). I also acknowledge that by pressing the 'Submit Report(s)' button I am submitting the facility record(s)/report(s) for the identified facility to the Director under the Toxics Reduction Act, 2009. I also acknowledge that the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 provide the authority to the Director under the Act to make certain information as specified in subsection 27(5) of Ontario Regulation 455/09 available to the public.

Submitted Report

Period	Submission Date	Facility Name	Province	City	Programs
2018	01/04/2019	Stanpac INK	Ontario	Smithville	NPRI, ON MECP TRA

Note: If there is a change in the contact information for the facility, a change in the owner or operator of the facility, if operations at the facility are terminated, or if information submitted for any previous year was mistaken or inaccurate, please update this information through SWIM or by contacting the National Pollutant Release Inventory directly.

Version: 3.15.0

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Stanpac 2018 NPRI Report

	- Based on USEPA AP42 Emissions Factors for Natural Gas Combustion					
	- The total annual consumption (by month) was used to calculate emissions (this includes all sources)					
2	Emissions Calculations					
		Natural Gas				
	Month	Consumption			Annual	
		(m ³)		Emission	Emission	
	January	20263.82	Contaminant	Factor	Rate	
	February	21241.45		(lb/10 ⁶ ft ³)	(kg/yr)	
	March	18019.23	Nox (NO)*	100	187	
	April	15401.23	CO	84	241	
	May	14965.11	CO2	120,000	343,738	
	June	8582.74	N2O(Uncontrolled)	2.2	6	
	July	8958.5	PM (Total)	7.6	22	
	August	10607.16	PM (Condensable)	5.7	16	
	September	11433.31	PM (Filterable)	1.9	5	
	October	13349	SO2	0.6	2	
	November	16139.84	Methane	2.3	7	
	December	19862.45	VOC	5.5	16	
	Total	178823.84				
			* adjusted Nox to NO = 0.6522 * Nox = NO			
	NOTE: Other natural gas combustion parameters considered insignificant					

Stanpac 2018 NPRI Report

Combustion Calculations - CONTAMINANT EMISSIONS SUMMARY						
ANNUAL REPORTING	CAS	Estimation	Emissions	Calc. Annual Emissions		Annual
Criteria Air Contaminants	#	Method	Threshold			Reporting
			(kg/yr)	(kg/yr)	(tonnes/yr)	Required?
CARBON DIOXIDE	124-38-9	EF	100,000,000	343,738	343.74	BT
CARBON MONOXIDE	630-08-0	EF	20,000	241	0.24	BT
HFC-134A	811-97-2	EF	10	0	0.00	BT
METHANE	74-82-8	EF	5,000	7	0.01	BT
NITROUS OXIDE	10024-97-2	EF	27,000	6	0.01	BT
NITROGEN OXIDES (EXPRESSED AS NO)	10102-44-0	EF	14,000	187	0.19	BT
PM - PARTICULATE MATTER	N/A - M08	EF	20,000	22	0.02	BT
PM10 - PARTICULATE MATTER <=10MICRONS	N/A - M09	EF	500	16	0.02	BT
PM2.5 - PARTICULATE MATTER <=2.5MICRONS	N/A - M10	EF	300	5	0.01	BT
SULPHUR DIOXIDE	7446-09-5	EF	20,000	2	0.00	BT
VOLATILE ORGANIC COMPOUNDS (VOC)	N/A - M16	EF	10,000	16	0.02	BT
Conservative estimate of PM 10 and PM 2.5 = half of PM total						

Stanpac 2018 NPRI Report

MSDS REVIEW 2018										
Product/ Part Name	Manufacturer	CAS#	Contaminant(s)	NPRI Part # (Threshold Category)	Mass Threshold kg	Specific Gravity	Maximum % weight per MPO	Total Product Consump. (kg/yr)	By Contaminant Consump. (kg/yr)	
Mineral Spirits	NEXEO	8052-41-3	Mineral Spirits	5	1 tonne of 10 tonnes Total VOC	1	100.0	2,800.00	2,800.00	
LEAD FREE INK CONTAINING CADMIUM	Fusion	*	Cadmium (and its compounds)	1B	5 kg	3	10.0	105.63	10.56	
INK CONTAINING LEAD & CADMIUM	Fusion	*	Cadmium (and its compounds)	1B	5 kg	3	5.0	889.55	44.48	
		*	Lead (and its compounds)	1B	50 kg	3	75.0	889.55	667.16	
									0.00	
									0.00	
Total Part 4 VOC's		*		4	10,000 kg				2,800.00	
									0.00	
* No single CAS RN applies to this substance.										
A pallet of ink was used to establish worst case for each reportable contaminant.										
Mineral Oil - purchase 8 drums/month = 96year										
e-cure wash – purchased 145 pails										
Varsol – purchased 14 drums										

NPRI CONTAMINANT EMISSIONS SUMMARY									
ANNUAL REPORTING	CAS #	Estimation Method	MPO Reporting Threshold (kg/yr)	MPO Annual Usage (kg/yr)	Calc. Annual Emissions (AIR)		Calc. Annual (OFF SITE) Recycled		Annual Reporting Required?
					(kg/yr)	(tonnes/yr)	(kg/yr)	(tonnes/yr)	
Mineral Spirits	8052-41-3	MB	1 tonne of 10 tonnes Total VOC	2,800	2,200	2	600	0.60	NO
Cadmium (and its compounds)	*	MB	5	55	0	0	N/A	N/A	YES
Lead (and its compounds)	*	MB	50	890	0	0	N/A	N/A	YES
Total VOC's	*	MB	10,000	2,800	0	0	N/A	N/A	NO