# National Pollutant Release Inventory (NPRI) and Partners





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SWIM ➤ 2018 ➤ Skyjack Inc. ➤ Plant 2 ➤ Report Preview

# Report Preview

### Report Details

Report Year

2018

Report Type:

NPRI,ON MECP TRA

Report Status:

Submitted

Modified Date/Time:

01/06/2019 10:20 PM

#### Company and Facility Details

Company Name:

Skyjack Inc.

Business Number:

103333662

Mailing Address:

Delivery Mode: GeneralDelivery Address Line 1: 55 Campbell Road

City, Province/Territory, Postal Code: Guelph Ontario N1H 1B9

Country: Canada

Facility Name:

Plant 2

NAICS Code:

333920

NPRI ID:

7049

Portable:

No

Physical Address:

Address Line 1: 201 Woodlawn Road West

City, Province/Territory, Postal Code: Guelph Ontario N1H 1B8

Country: Canada Latitude: 43.557 Longitude: -80.2921 UTM Zone: 17 UTM Easting: 557218 UTM Northing: 4822765

#### **Parent Companies**

Company Name:

Linamar

Business Number:

103333662

Civic Address:

Address Line 1: 287 Speedvale Avenue West

City, Province/Territory, Postal Code: Guelph Ontario N1H1C5

Country: Canada Latitude: 43.557 Longitude: -80.2921

#### Contacts Details

Contact Type

Technical Contact

Name:

Zachary Oliveira

Position:

Group Health and Safety Manager

Telephone:

5198370888

Fax: 5193418827 Email: zachary.oliveira@skyjack.com Contact Type Certifying Official, Highest Ranking Employee Name: Joe Chaves Position: Vice-President of Operations - Canada Telephone: 5198370888 Fax: 5193418827 Email: joe.chaves@skyjack.com Contact Type Person who prepared the report Name: Jen Francis Position: **Environmental Consultant** Telephone: 5198840510 Email: jen.francis@ghd.com Mailing Address: Address Line 1: 651 Colby Drive City, Province/Territory, Postal Code: waterloo Ontario N2V 1C2 Country: Canada

#### **General Information**

Number of employees:	750
Activities for Which the 20,000-Hour Employee Threshold Does Not Apply:	None of the above
Activities Relevant to Reporting Dioxins, Furans and Hexacholorobenzene:	None of the above
Activities Relevant to Reporting of Polycyclic Aromatic Hydrocarbons (PAHs):	Wood preservation using creosote: No
Is this the first time the facility is reporting to the NPRI (under current or past ownership):	No
Is the facility controlled by another Canadian company or companies:	Yes
Did the facility report under other environmental regulations or permits:	No
Is the facility required to report one or more NPRI Part 4 substances (Criteria Air Contaminants):	Yes
Was the facility shut down for more than one week during the year:	Yes
Operating Schedule - Days of the Week:	Mon, Tue, Wed, Thu, Fri
Usual Number of Operating Hours per day:	10
Usual Daily Start Time (24h) (hh:mm):	06:30

#### Shutdown Periods:

From 2018-12-22 To 2018-12-31

The Facility was shut down between August 11, 2018 to August 19, 2018 and between December 22, 2018 to January 1, 2019.

#### Substance List

CAS RN	S RN Substance Name		Releases (Speciated VOCs)	Disposals	Recycling	Unit
78-93-3	Methyl ethyl ketone	2.3320	N/A	29.2700	N/A	tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	2.8190	N/A	N/A	N/A	tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	2.1360	N/A	N/A	N/A	tonnes

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
NA - M16	Volatile Organic Compounds (VOCs)	40.7500	8.4940	N/A	N/A	tonnes

### 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
78-93-3	Methyl ethyl ketone	Yes	Yes		No
NA - M09	PM10 - Particulate Matter <= 10 Microns	Yes	Yes		No
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Yes	Yes		No
NA - M16	Volatile Organic Compounds (VOCs)	Yes	Yes		No

#### TRA Exit Record

CAS RN		Substance Name	Circumstance(s) that apply		Describe the information and any quantifications relied upon for making the determination		
	111-76-2	2- Butoxyethanol	The substance did not meet the criteria to provide information to NPRI	Used less of this VOC.	Mass balance calculations.		

#### 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	
78-93-3	Methyl ethyl ketone	Yes	No	No	
	Volatile Organic Compounds (VOCs)		No	Yes	

### 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
78-93-3	Methyl ethyl ketone	Yes	No	No
NA - M16	Volatile Organic Compounds (VOCs)			

#### General Information about the Substance - Nature of Activities

CAS RN Substance Name		Manufacture the Substance	Process the Substance	Otherwise Use of the Substance
78-93-3	Methyl ethyl ketone		As a formulation component	
NA - M16	Volatile Organic Compounds (VOCs)			

#### TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity	Use ranges for public reporting
78-93-3	Methyl ethyl ketone	Use	31.61 tonnes	Yes
78-93-3	Methyl ethyl ketone	Creation	0 tonnes	Yes
78-93-3	Methyl ethyl ketone	Contained in Product	0 tonnes	Yes
NA - M09	PM10 - Particulate Matter <= 10 Microns	Use	0 tonnes	Yes
NA - M09	PM10 - Particulate Matter <= 10 Microns	Creation	3.234 tonnes	Yes
NA - M09	PM10 - Particulate Matter <= 10 Microns	Contained in Product		
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Use	0.00 tonnes	Yes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Creation	2.552 tonnes	Yes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Contained in Product		
NA - M16	Volatile Organic Compounds (VOCs)	Use	40.50 tonnes	Yes
NA - M16	Volatile Organic Compounds (VOCs)	Creation	0.00 tonnes	No
NA - M16	Volatile Organic Compounds (VOCs)	Contained in Product		

### TRA Quantifications - VOC Breakdown List

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity
64742-94-5	Heavy aromatic solvent naphtha	Use	3.02 tonnes
64742-94-5	Heavy aromatic solvent naphtha	Creation	0 tonnes
67-63-0	Isopropyl alcohol	Use	3.20 tonnes
67-63-0	Isopropyl alcohol	Creation	0 tonnes
78-93-3	Methyl ethyl ketone	Use	31.61 tonnes
78-93-3	Methyl ethyl ketone	Creation	0 tonnes

## TRA Quantifications - Total Speciated VOCs

Use, Creation, Contained in Product	Quantity
Use	37.83 tonnes
Creation	0 tonnes

#### 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
78-93-3	Methyl ethyl ketone					No	
NA - M09	PM10 - Particulate Matter <= 10 Microns					No	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns					No	
NA - M16	Volatile Organic Compounds (VOCs)					No	

#### On-site Releases - Releases to air

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
78-93-3	Methyl ethyl ketone	Stack or Point Releases	C - Mass Balance		2.332 tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	Stack or Point Releases	E2 - Published Emission Factors		2.819 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Stack or Point Releases	C - Mass Balance		2.136 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	Stack or Point Releases	C - Mass Balance		40.750 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	Other Sources - Speciated VOCs	NA - Not Applicable		40.750 tonnes

#### On-site Releases - Releases to air - Total

CAS RN	Substance Name	Total - Releases to Air
78-93-3	Methyl ethyl ketone	2.332 tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	2.819 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	2.136 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	40.750 tonnes

#### On-site Releases - Releases to air - VOC Breakdown List

Category	CAS RN	Substance Name	Quantity
Other Sources - Speciated VOCs	64742-94-5	Heavy aromatic solvent naphtha	2.990 tonnes
Other Sources - Speciated VOCs	67-63-0	Isopropyl alcohol	3.172 tonnes
Other Sources - Speciated VOCs	78-93-3	Methyl ethyl ketone	2.332 tonnes

#### On-site Releases - Total

CAS RN	Substance Name	Total releases
78-93-3	Methyl ethyl ketone	2.332 tonnes

## On-site Releases - Quarterly Breakdown of Annual Releases

CAS RN	Substance Name	Quarter 1	Quarter 2	Quarter 3	Quarter 4	
78-93-3	Methyl ethyl ketone	25	25	25	25	

### On-site Releases - Monthly Breakdown of Annual Releases

CAS RN	Substance Name	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
NA - M09	PM10 - Particulate Matter <= 10 Microns	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34
NA - M16	Volatile Organic Compounds	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34	8.33	8.33	8.34

### 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
78-93-3	Methyl ethyl ketone	Increase in production levels	
NA - M09	PM10 - Particulate Matter <= 10 Microns	Increase in production levels	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Increase in production levels	
NA - M16	Volatile Organic Compounds (VOCs)	Changes in process and/or raw/produced/processed materials	

#### Disposals - Off-site Transfers (excluding Tailings and Waste Rock)

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
78-93-3	Methyl ethyl ketone	Chemical Treatment	C - Mass Balance		29.27 tonnes

#### Disposals - Off-site Transfers (excluding Tailings and Waste Rock) - Total

CAS RN	Substance Name	Total - Treatment Prior to Final Disposal
78-93-3	Methyl ethyl ketone	29.27 tonnes

### Disposals - Off-site Transfers (excluding Tailings and Waste Rock) - By Facilities

CAS RN	<b>Substance Name</b>	Category	Off-site Name	Off-site Address	Quantity
78-93-3	Methyl ethyl ketone	Chemical Treatment	Maratek Environmental Inc.	60 Healey Road Unit 8-10, Bolton, ON, Canada	29.27 tonnes

### Disposals - Total Quantity Disposed (All Media)

CAS RN	Substance Name	Total Quantity Disposed (All Media)
78-93-3	Methyl ethyl ketone	29.27 tonnes

#### Disposals - Reasons and Comments

CAS	RN	<b>Substance Name</b>	Reasons Why Substance Was Disposed	Reasons for Changes in Quantities from Previous Year	Comments
78-9	93-3	Methyl ethyl ketone	Contaminated materials	Increase in production levels Changes in process and/or raw/produced/processed materials	

#### Recycling - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Recycled	Reasons for Changes in Quantities Recycled from Previous Year	Comments
78-93-3	Methyl ethyl ketone		Changes in process and/or raw/produced/processed materials	

### 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
64742-94- 5	Heavy aromatic solvent naphtha	Yes	Enters the facility (Use)	3.02 tonnes	3.204 tonnes	2017	-0.184	-5.74
64742-94- 5	Heavy aromatic solvent naphtha	Yes	Creation	0 tonnes	0 tonnes	2017	0	
67-63-0	Isopropyl alcohol	Yes	Enters the facility (Use)	3.20 tonnes	2.845 tonnes	2017	0.355	12.48
67-63-0	Isopropyl alcohol	Yes	Creation	0 tonnes	0 tonnes	2017	0	
78-93-3	Methyl ethyl ketone	No	Enters the facility (Use)	31.61 tonnes	25.661 tonnes	2017	5.949	23.18
78-93-3	Methyl ethyl ketone	No	Creation	0 tonnes	0 tonnes	2017	0	
78-93-3	Methyl ethyl ketone	No	Contained in Product	0 tonnes	0 tonnes	2017	0	
78-93-3	Methyl ethyl ketone	Yes	Enters the facility (Use)	31.61 tonnes	25.661 tonnes	2017	5.949	23.18
78-93-3	Methyl ethyl ketone	Yes	Creation	0 tonnes	0 tonnes	2017	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Enters the facility (Use)	0 tonnes	0 tonnes	2017	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Creation	3.234 tonnes	4.713 tonnes	2017	-1.479	-31.38
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Enters the facility (Use)	0.00 tonnes	0.00 tonnes	2017	0.00	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Creation	2.552 tonnes	4.19 tonnes	2017	-1.638	-39.09

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

70.03.2 Methyd athyd latena	CAS RN	Substance Name	Reason(s) for Change	Other Reason
76-93-3 Methyl ethyl ketolle Increase in production levels	78-93-3	Methyl ethyl ketone	Increase in production levels	

CAS RN	Substance Name	Reason(s) for Change	Other Reason
NA - M09	PM10 - Particulate Matter <= 10 Microns	Decrease in production levels	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Decrease in production levels	
NA - M16	Volatile Organic Compounds (VOCs)	Increase in production levels Decrease in production levels	

### Comparison Report - On-site Releases

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
64742-94- 5	Heavy aromatic solvent naphtha	Yes	Total Releases to Air	2.990 tonnes	3.172 tonnes	2017	-0.182	-5.74
67-63-0	Isopropyl alcohol	Yes	Total Releases to Air	3.172 tonnes	2.816 tonnes	2017	0.356	12.64
78-93-3	Methyl ethyl ketone	No	Total Releases to Air	2.332 tonnes	1.909 tonnes	2017	0.423	22.16
78-93-3	Methyl ethyl ketone	No	Total Releases to Water	0 tonnes	0 tonnes	2017	0	
78-93-3	Methyl ethyl ketone	No	Total Releases to Land	0 tonnes	0 tonnes	2017	0	
78-93-3	Methyl ethyl ketone	No	Total Releases to All Media	0 tonnes	0 tonnes	2017	0	
78-93-3	Methyl ethyl ketone	Yes	Total Releases to Air	2.332 tonnes	1.909 tonnes	2017	0.423	22.16
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Air	2.819 tonnes	2.175 tonnes	2017	0.644	29.61
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Water	0 tonnes	0 tonnes	2017	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Land	0 tonnes	0 tonnes	2017	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to All Media	0 tonnes	0 tonnes	2017	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to Air	2.136 tonnes	1.651 tonnes	2017	0.485	29.38
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to Water	0 tonnes	0 tonnes	2017	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to Land	0 tonnes	0 tonnes	2017	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to All Media	0 tonnes	0 tonnes	2017	0	

### Comparison Report - On-site Releases - Reason(s) for Change

CAS RN	Substance Name	Reason(s) for Change	Other Reason
78-93-3	Methyl ethyl ketone	Increase in production levels	
NA - M09	PM10 - Particulate Matter <= 10 Microns	Increase in production levels	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Increase in production levels	
NA - M16	Volatile Organic Compounds (VOCs)	Increase in production levels Decrease in production levels	

### Comparison Report - Disposals On-site, Off-site and Tailings and Waste Rock

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
78-93-3	Methyl ethyl ketone	' NO LOTAL UN-SITE DISPOSAIS		0 tonnes	0 tonnes	2017	0	
78-93-3	8-93-3 Methyl ethyl No Total Off-site Disposals		0 tonnes	0 tonnes	2017	0		
78-93-3	Methyl ethyl ketone	No	Total Off-site transfer for treatment Prior to Final Disposal		23.752 tonnes	2017	5.518	23.23
78-93-3	Methyl ethyl ketone	No	Total On-site Disposal of Tailings and Waste Rock	0 tonnes	0 tonnes	2017	0	
78-93-3	Methyl ethyl ketone	No	Total Off-site Disposal of Tailings and Waste Rock	0 tonnes	0 tonnes	2017	0	

### Comparison Report - Disposals On-site, Off-site and Tailings and Waste Rock - Reason(s) for Change

CAS RN	Substance Name	Reason(s) for Change	Other Reason
78-93-3	Methyl ethyl ketone	Increase in production levels	

#### Pollution Prevention

### Progress on TRA Plan - Objectives

CAS RN	Substance Name	Objectives
64742-94- 5	Heavy aromatic solvent naphtha	The objective of this Plan is to identify and evaluate a variety of toxics substance reduction options to reduce the use, disposal and release to air of naphtha at the Facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.
67-63-0	Isopropyl alcohol	Skyjack prides itself on technological innovation in order to produce scissor lifts in an environmentally responsible manner. Skyjack will strive to reduce the use, disposal and release to air of isopropyl alcohol at the Facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.
78-93-3	Methyl ethyl ketone	Skyjack prides itself on technological innovation in order to produce scissor lifts in an environmentally responsible manner. Skyjack will strive to reduce the use, disposal and release to air of MEK at the Facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.
NA - M09	PM10 - Particulate Matter <= 10 Microns	Skyjack prides itself on technological innovation in order to produce scissor lifts in an environmentally responsible manner. Skyjack's manufacturing operation has been optimized to minimize the use of raw materials. Skyjack will strive to reduce the creation and release to air of PM10 at the Facility in the future should an option become available.
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The objective of this Plan is to identify and evaluate a variety of toxics substance reduction options to reduce the creation and and release to air of PM2.5 at the Facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.

### Progress on TRA Plan - Use Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
64742-94- 5	Heavy aromatic solvent naphtha	No quantity target	No timeline target	
67-63-0	Isopropyl alcohol	0.43 tonnes	1	The reduction target is equal to the quantity of the compound reduced through the implementation of the reduction option.
78-93-3	Methyl ethyl ketone	0.30 tonnes	1	The reduction target is equal to the reduction in the use of the compound through the implementation of the reduction option.
NA - M09	PM10 - Particulate Matter <= 10 Microns	No quantity target	No timeline target	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No quantity target	No timeline target	

### Progress on TRA Plan - Creation Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
64742-94-5	Heavy aromatic solvent naphtha	No quantity target	No timeline target	
67-63-0	57-63-0 Isopropyl alcohol		No timeline target	
78-93-3	Methyl ethyl ketone	No quantity target	No timeline target	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No quantity target	No timeline target	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No quantity target	No timeline target	

### Progress on TRA Plan - Toxic Reduction Options Implemented

•	CAS RN	Substance Name	Activity	reporting period to implement	Public summary of the description of the steps	Comparison of the steps that were described in the plan for implementation with the actual steps taken during the reporting period	Public summary of the comparison of the steps
	57-63-0	Isopropyl alcohol	Substituted materials	N/A.	N/A.	N/A.	N/A.
	78-93-3	Methyl ethyl ketone	Substituted materials	N/A.	N/A.	N/A.	N/A.

CAS RN	Substance Name	Activity	Will the timelines in the current version of the plan will be met	Comments:
67-63-0	Isopropyl alcohol	Substituted materials	Yes	
78-93-3	Methyl ethyl ketone	Substituted materials	Yes	

# Progress on TRA Plan - Reductions due to Options Implemented - Materials or feedstock substitution

CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity
67-63-0	Isopropyl alcohol	Substituted materials	The amount of reduction in <b>use</b> of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
67-63-0	Isopropyl alcohol	Substituted materials	The amount of reduction in <b>creation</b> of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
67-63-0	Isopropyl alcohol	Substituted materials	The amount of reduction in the substance <b>contained in product</b> at the facility during the reporting period that resulted due to the steps described:	No Amount

CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity
67-63-0	Isopropyl alcohol	Substituted materials	The amount of reduction in <b>release to air</b> of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
67-63-0	Isopropyl alcohol	Substituted materials	The amount of reduction in <b>release to water</b> of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
67-63-0	Isopropyl alcohol	Substituted materials	The amount of reduction in <b>release to land</b> of the substance at the facility during the reporting period that resulted due to steps described:	No Amount
67-63-0	Isopropyl alcohol	Substituted materials	The amount of reduction in the substance <b>disposed on-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the steps described:	No Amount
67-63-0	Isopropyl alcohol	Substituted materials	The amount of reduction in the substance <b>disposed off-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the steps described:	No Amount
67-63-0	Isopropyl alcohol	Substituted materials	The amount of reduction in the substance <b>recycled off-site</b> at the facility during the reporting period that resulted due to the steps described:	No Amount
78-93-3	Methyl ethyl ketone	Substituted materials	The amount of reduction in <b>use</b> of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
78-93-3	Methyl ethyl ketone	Substituted materials	The amount of reduction in <b>creation</b> of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
78-93-3	Methyl ethyl ketone	Substituted materials	The amount of reduction in the substance <b>contained in product</b> at the facility during the reporting period that resulted due to the steps described:	No Amount
78-93-3	Methyl ethyl ketone	Substituted materials	The amount of reduction in <b>release to air</b> of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
78-93-3	Methyl ethyl ketone	Substituted materials	The amount of reduction in <b>release to water</b> of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
78-93-3	Methyl ethyl ketone	Substituted materials	The amount of reduction in <b>release to land</b> of the substance at the facility during the reporting period that resulted due to steps described:	No Amount
78-93-3	Methyl ethyl ketone	Substituted materials	The amount of reduction in the substance <b>disposed on-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the steps described:	No Amount
78-93-3	Methyl ethyl ketone	Substituted materials	The amount of reduction in the substance <b>disposed off-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the steps described:	No Amount
78-93-3	Methyl ethyl ketone	Substituted materials	The amount of reduction in the substance <b>recycled off-site</b> at the facility during the reporting period that resulted due to the steps described:	No Amount

# 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?	Provide a public summary of the description of the additional action taken
64742-94- 5	Heavy aromatic solvent naphtha	No	
67-63-0	Isopropyl alcohol	No	
78-93-3	Methyl ethyl ketone	No	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	

# Progress on TRA Plan - Reductions due to additional actions taken

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
64742-94- 5	Heavy aromatic solvent naphtha	The amount of reduction in <b>use</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
64742-94- 5	Heavy aromatic solvent naphtha	The amount of reduction in <b>creation</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
64742-94- 5	Heavy aromatic solvent naphtha	The amount of reduction in the substance <b>contained in product</b> at the facility during the reporting period that resulted due to the additional actions.	
64742-94- 5	Heavy aromatic solvent naphtha	The amount of reduction in <b>release to air</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
64742-94- 5	Heavy aromatic solvent naphtha	The amount of reduction in <b>release to water</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
64742-94- 5	Heavy aromatic solvent naphtha	The amount of reduction in <b>release to land</b> of the substance at the facility during the reporting period that resulted due to additional actions.	
64742-94- 5	Heavy aromatic solvent naphtha	The amount of reduction in the substance <b>disposed on-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
64742-94- 5	Heavy aromatic solvent naphtha	The amount of reduction in the substance <b>disposed off-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
64742-94- 5	Heavy aromatic solvent naphtha	The amount of reduction in the substance <b>recycled off-site</b> at the facility during the reporting period that resulted due to the additional actions.	
67-63-0	Isopropyl alcohol	The amount of reduction in <b>use</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
67-63-0	Isopropyl alcohol	The amount of reduction in <b>creation</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
67-63-0	Isopropyl alcohol	The amount of reduction in the substance <b>contained in product</b> at the facility during the reporting period that resulted due to the additional actions.	
67-63-0	Isopropyl alcohol	The amount of reduction in <b>release to air</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
67-63-0	Isopropyl alcohol	The amount of reduction in <b>release to water</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
67-63-0	Isopropyl alcohol	The amount of reduction in <b>release to land</b> of the substance at the facility during the reporting period that resulted due to additional actions.	
67-63-0	Isopropyl alcohol	The amount of reduction in the substance <b>disposed on-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
67-63-0	Isopropyl alcohol	The amount of reduction in the substance <b>disposed off-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
67-63-0	Isopropyl alcohol	The amount of reduction in the substance <b>recycled off-site</b> at the facility during the reporting period that resulted due to the additional actions.	
78-93-3	Methyl ethyl ketone	The amount of reduction in <b>use</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
78-93-3	Methyl ethyl ketone	The amount of reduction in <b>creation</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
78-93-3	Methyl ethyl ketone	The amount of reduction in the substance <b>contained in product</b> at the facility during the reporting period that resulted due to the additional actions.	
78-93-3	Methyl ethyl ketone	The amount of reduction in <b>release to air</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
78-93-3	Methyl ethyl ketone	The amount of reduction in <b>release to water</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
78-93-3	Methyl ethyl ketone	The amount of reduction in <b>release to land</b> of the substance at the facility during the reporting period that resulted due to additional actions.	
78-93-3	Methyl ethyl ketone	The amount of reduction in the substance <b>disposed on-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
78-93-3	Methyl ethyl ketone	The amount of reduction in the substance <b>disposed off-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
78-93-3	Methyl ethyl ketone	The amount of reduction in the substance <b>recycled off-site</b> at the facility during the reporting period that resulted due to the additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in <b>use</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in <b>creation</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in the substance <b>contained in product</b> at the facility during the reporting period that resulted due to the additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in <b>release to air</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in <b>release to water</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in <b>release to land</b> of the substance at the facility during the reporting period that resulted due to additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in the substance <b>disposed on-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in the substance <b>disposed off-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - M09	PM10 - Particulate Matter <= 10 Microns	The amount of reduction in the substance <b>recycled off-site</b> at the facility during the reporting period that resulted due to the additional actions.	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in <b>use</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in <b>creation</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in the substance <b>contained in product</b> at the facility during the reporting period that resulted due to the additional actions.	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in <b>release to air</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in <b>release to water</b> of the substance at the facility during the reporting period that resulted due to the additional actions.	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in <b>release to land</b> of the substance at the facility during the reporting period that resulted due to additional actions.	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in the substance <b>disposed on-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in the substance <b>disposed off-site</b> (including tailings and waste rocks) at the facility during the reporting period that resulted due to the additional actions.	

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	The amount of reduction in the substance <b>recycled off-site</b> 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
64742-94- 5	Heavy aromatic solvent naphtha	No		
67-63-0	Isopropyl alcohol	No		
78-93-3	Methyl ethyl ketone	No		
NA - M09	PM10 - Particulate Matter <= 10 Microns	No		
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	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	
Skyjack Inc.	
Certifying Official (or authorized delegate)	
Marnie Levergood	
Report Submitted by	
Marnie Levergood	

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 01/06/2019, I, Marnie Levergood, 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
111-76-2	2-Butoxyethanol
64742-94-5	Heavy aromatic solvent naphtha
67-63-0	Isopropyl alcohol
78-93-3	Methyl ethyl ketone
123-86-4	n-Butyl acetate
NA - M09	PM10 - Particulate Matter <= 10 Microns
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns
108-65-6	Propylene glycol methyl ether acetate

\*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.

#### **Exit Record Certification Statement**

As of 01/06/2019, I Marnie Levergood, certify that I have read the records created for the purposes of section 11.2 of Ontario Regulation 455/09 (General) made under the Toxics Reductions Act, (2009) in respect of the use and creation of the toxic substances refered to below at Plant 2 and am familiar with their contents and to my knowledge they are factually accurate.

#### TRA Exit Record Substances

CAS RN	Substance Name	
111-76-2	2-Butoxyethanol	
Company Name		
Skyjack Inc.		
Highest Ranking Employee		
Marnie Levergood		
Report Submitted by		
Marnie Levergood		
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	01/06/2019	Plant 2	Ontario	Guelph	NPRI,ON MECP

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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