

National Pollutant Release Inventory (NPRI) and



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Report Preview

Report Details

Report Year	2016
Report Type:	NPRI,ON MOE TRA
Report Status:	Submitted
Modified Date/Time:	31/05/2017 3:11 PM

Company and Facility Details

Company Name:	Toyota Boshoku Canada Inc.
Mailing Address:	Address Line 1: 230 Universal Road City, Province/Territory, Postal Code: Woodstock Ontario N4S 7W3 Country: Canada
Facility Name:	Toyota Boshoku Canada
NAICS Code:	332999
NPRI ID:	11773
Physical Address:	Address Line 1: 230 Universal Road City, Province/Territory, Postal Code: Woodstock Ontario N4S7W3 Country: Canada Latitude: 43.12770 Longitude: -80.71050 UTM Zone: 17 UTM Easting: 523547 UTM Northing: 4775036

Contacts Details

Contact Type	Technical Contact, Certifying Official
Name:	Jason Dittburner
Position:	Plant Specialist

Contact Type	Highest Ranking Employee
Name:	Norimichi Adachi
Position:	President

Mailing Address:	Address Line 1: 230 Universal Road
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City, Province/Territory, Postal Code: Woodstock Ontario N4S7W3
Country: Canada

Contact Type

Person who prepared the report

Name:

Lloyd Hipel

Position:

Project Manager

Mailing Address:

Delivery Mode: GeneralDelivery
Address Line 1: 1 Union Street
City, Province/Territory, Postal Code: Elmira Ontario N3B 3J9
Country: Canada

General Information

Number of employees:

475

Activities for Which the 20,000-Hour Employee Threshold Does Not Apply:

None of the above

Activities Relevant to Reporting Dioxins, Furans and Hexachlorobenzene:

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:

No

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:

No

Operating Schedule - Days of the Week:

Mon, Tue, Wed, Thu, Fri

Usual Number of Operating Hours per day:

16

Usual Daily Start Time (24h) (hh:mm):

07:00

Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
110-82-7	Cyclohexane	10.8000	N/A	N/A	N/A	tonnes
67-56-1	Methanol	1.4000	N/A	N/A	N/A	tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	0.6970	N/A	N/A	N/A	tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	0.2830	N/A	N/A	N/A	tonnes
108-88-3	Toluene	3.5340	N/A	N/A	N/A	tonnes
NA - M16	Volatile Organic Compounds (VOCs)	59.3000	56.1500	N/A	N/A	tonnes
1330-20-7	Xylene (all isomers)	2.5200	N/A	N/A	N/A	tonnes

Applicable Programs

CAS RN	Substance Name	NPRI	ON MOE TRA	ON MOE Reg 127/01	First report for this substance to the ON MOE TRA
110-82-7	Cyclohexane	Yes	Yes		No
67-56-1	Methanol	Yes	Yes		No
NA - M09	PM10 - Particulate Matter <= 10 Microns	Yes	Yes		No
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	No		No
108-88-3	Toluene	Yes	Yes		No
NA - M16	Volatile Organic Compounds (VOCs)	Yes	Yes		No
1330-20-7	Xylene (all isomers)	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
110-82-7	Cyclohexane	Yes	No	No
67-56-1	Methanol	Yes	No	No
108-88-3	Toluene	Yes	No	No
NA - M16	Volatile Organic Compounds (VOCs)		No	Yes
1330-20-7	Xylene (all isomers)	Yes	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
110-82-7	Cyclohexane	No	No	No
67-56-1	Methanol	No	No	No
108-88-3	Toluene	No	No	No
NA - M16	Volatile Organic Compounds (VOCs)			
1330-20-7	Xylene (all isomers)	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
110-82-7	Cyclohexane			As a physical or chemical processing aid
67-56-1	Methanol			As a physical or chemical processing aid
108-88-3	Toluene			As a physical or chemical processing aid
NA - M16	Volatile Organic Compounds (VOCs)			
1330-20-7	Xylene (all isomers)			As a physical or chemical processing aid

TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity	Use ranges for public reporting
110-82-7	Cyclohexane	Use	10.8 tonnes	Yes
110-82-7	Cyclohexane	Creation	0 tonnes	No
110-82-7	Cyclohexane	Contained in Product	0 tonnes	No
67-56-1	Methanol	Use	1.4 tonnes	Yes
67-56-1	Methanol	Creation	0 tonnes	No
67-56-1	Methanol	Contained in Product	0 tonnes	No
NA - M09	PM10 - Particulate Matter <= 10 Microns	Use	0 tonnes	No
NA - M09	PM10 - Particulate Matter <= 10 Microns	Creation	0.697 tonnes	Yes
NA - M09	PM10 - Particulate Matter <= 10 Microns	Contained in Product		
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Use	0 tonnes	No
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Creation	0.283 tonnes	Yes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Contained in Product		
108-88-3	Toluene	Use	3.534 tonnes	Yes
108-88-3	Toluene	Creation	0 tonnes	No
108-88-3	Toluene	Contained in Product	0 tonnes	No
NA - M16	Volatile Organic Compounds (VOCs)	Use	59.3 tonnes	Yes
NA - M16	Volatile Organic Compounds (VOCs)	Creation	0 tonnes	No
NA - M16	Volatile Organic Compounds (VOCs)	Contained in Product		
1330-20-7	Xylene (all isomers)	Use	2.52 tonnes	Yes
1330-20-7	Xylene (all isomers)	Creation	0 tonnes	No
1330-20-7	Xylene (all isomers)	Contained in Product	0 tonnes	No

TRA Quantifications - VOC Breakdown List

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity
141-78-6	Ethyl acetate	Use	27.1 tonnes
141-78-6	Ethyl acetate	Creation	0 tonnes
NA - 31	Heptane (all isomers)	Use	10.84 tonnes
67-56-1	Methanol	Use	1.36 tonnes
108-88-3	Toluene	Use	3.86 tonnes

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity
1330-20-7	Xylene (all isomers)	Use	2.52 tonnes

TRA Quantifications - Total Speciated VOCs

Use, Creation, Contained in Product	Quantity
Use	45.68 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
110-82-7	Cyclohexane					No
67-56-1	Methanol					No
NA - M09	PM10 - Particulate Matter <= 10 Microns					No
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns					No
108-88-3	Toluene					No
NA - M16	Volatile Organic Compounds (VOCs)					No
1330-20-7	Xylene (all isomers)					No

On-site Releases - Releases to air

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
110-82-7	Cyclohexane	Stack or Point Releases	O - Engineering Estimates		10.8 tonnes
67-56-1	Methanol	Stack or Point Releases	O - Engineering Estimates		1.4 tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	Stack or Point Releases	O - Engineering Estimates		0.697 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Stack or Point Releases	O - Engineering Estimates		0.283 tonnes
108-88-3	Toluene	Stack or Point Releases	O - Engineering Estimates		3.534 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	Stack or Point Releases	O - Engineering Estimates		59.3 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	Other Sources - Speciated VOCs	NA - Not Applicable		59.3 tonnes
1330-20-7	Xylene (all isomers)	Stack or Point Releases	O - Engineering Estimates		2.52 tonnes

On-site Releases - Releases to air - Total

CAS RN	Substance Name	Total - Releases to Air
110-82-7	Cyclohexane	10.8 tonnes
67-56-1	Methanol	1.4 tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	0.697 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	0.283 tonnes
108-88-3	Toluene	3.534 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	59.3 tonnes
1330-20-7	Xylene (all isomers)	2.52 tonnes

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

Category	CAS RN	Substance Name	Quantity
Other Sources - Speciated VOCs	NA - 26	Cyclohexane (all isomers)	10.8 tonnes
Other Sources - Speciated VOCs	141-78-6	Ethyl acetate	27.1 tonnes
Other Sources - Speciated VOCs	NA - 31	Heptane (all isomers)	10.84 tonnes
Other Sources - Speciated VOCs	67-56-1	Methanol	1.36 tonnes
Other Sources - Speciated VOCs	108-88-3	Toluene	3.53 tonnes
Other Sources - Speciated VOCs	1330-20-7	Xylene (all isomers)	2.52 tonnes

On-site Releases - Total

CAS RN	Substance Name	Total releases
110-82-7	Cyclohexane	10.8 tonnes
67-56-1	Methanol	1.4 tonnes
108-88-3	Toluene	3.534 tonnes
1330-20-7	Xylene (all isomers)	2.52 tonnes

On-site Releases - Quarterly Breakdown of Annual Releases

CAS RN	Substance Name	Quarter 1	Quarter 2	Quarter 3	Quarter 4
110-82-7	Cyclohexane				
67-56-1	Methanol				
108-88-3	Toluene				
1330-20-7	Xylene (all isomers)				

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												
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns												
NA - M16	Volatile Organic Compounds (VOCs)												

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
108-88-3	Toluene	Changes in production levels	
110-82-7	Cyclohexane	Changes in production levels	
1330-20-7	Xylene (all isomers)	No significant change (i.e. < 10%) or no change	
67-56-1	Methanol	Changes in production levels	
NA - M09	PM10 - Particulate Matter <= 10 Microns	Changes in production levels	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Changes in production levels	
NA - M16	Volatile Organic Compounds (VOCs)	Changes 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
108-88-3	Toluene		Other (specify in On-site Releases comment field)	Not disposed.
110-82-7	Cyclohexane		Other (specify in On-site Releases comment field)	Not disposed.
1330-20-7	Xylene (all isomers)		Other (specify in On-site Releases comment field)	Not disposed.
67-56-1	Methanol		Other (specify in On-site Releases comment field)	Not disposed.

Recycling - Reasons and Comments

CAS RN	Substance Name	Reasons Why Substance Was Recycled	Reasons for Changes in Quantities Recycled from Previous Year	Comments
108-88-3	Toluene		Other (specify in recycling comments field)	Not disposed.
110-82-7	Cyclohexane		Other (specify in recycling comments field)	Not disposed.
1330-20-7	Xylene (all isomers)		Other (specify in recycling comments field)	Not disposed.
67-56-1	Methanol		Other (specify in recycling comments field)	Not disposed.

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
110-82-7	Cyclohexane	No	Enters the facility (Use)	10.8 tonnes	13.175 tonnes	2015	-2.375	-18.03
110-82-7	Cyclohexane	No	Creation	0 tonnes	0 tonnes	2015	0	
110-82-7	Cyclohexane	No	Contained in Product	0 tonnes	0 tonnes	2015	0	
141-78-6	Ethyl acetate	Yes	Enters the facility (Use)	27.1 tonnes	32.938 tonnes	2015	-5.838	-17.72
NA - 31	Heptane (all isomers)	Yes	Enters the facility (Use)	10.84 tonnes	13.175 tonnes	2015	-2.335	-17.72
67-56-1	Methanol	No	Enters the facility (Use)	1.4 tonnes	1.647 tonnes	2015	-0.247	-15.00
67-56-1	Methanol	No	Creation	0 tonnes	0 tonnes	2015	0	
67-56-1	Methanol	No	Contained in Product	0 tonnes	0 tonnes	2015	0	
67-56-1	Methanol	Yes	Enters the facility (Use)	1.36 tonnes	1.647 tonnes	2015	-0.287	-17.43

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Enters the facility (Use)	0 tonnes	0 tonnes	2015	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Creation	0.697 tonnes	1.204 tonnes	2015	-0.507	-42.11
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Enters the facility (Use)	0 tonnes	0 tonnes	2015	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Creation	0.283 tonnes	0.653 tonnes	2015	-0.370	-56.66
108-88-3	Toluene	No	Enters the facility (Use)	3.534 tonnes	3.374 tonnes	2015	0.160	4.74
108-88-3	Toluene	No	Creation	0 tonnes	0 tonnes	2015	0	
108-88-3	Toluene	No	Contained in Product	0 tonnes	0 tonnes	2015	0	
108-88-3	Toluene	Yes	Enters the facility (Use)	3.86 tonnes	3.374 tonnes	2015	0.486	14.40
1330-20-7	Xylene (all isomers)	No	Enters the facility (Use)	2.52 tonnes	2.41 tonnes	2015	0.11	4.56
1330-20-7	Xylene (all isomers)	No	Creation	0 tonnes	0 tonnes	2015	0	
1330-20-7	Xylene (all isomers)	No	Contained in Product	0 tonnes	0 tonnes	2015	0	
1330-20-7	Xylene (all isomers)	Yes	Enters the facility (Use)	2.52 tonnes	2.410 tonnes	2015	0.110	4.56

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
110-82-7	Cyclohexane	Decrease in production levels	
67-56-1	Methanol	Decrease in production levels	
NA - M09	PM10 - Particulate Matter <= 10 Microns	Decrease in production levels	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Decrease in production levels	
108-88-3	Toluene	No reasons - quantities approximately the same	
NA - M16	Volatile Organic Compounds (VOCs)	Decrease in production levels	
1330-20-7	Xylene (all isomers)	No reasons - quantities approximately the same	

Comparison Report - On-site Releases

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
110-82-7	Cyclohexane	No	Total Releases to Air	10.8 tonnes	13.175 tonnes	2015	-2.375	-18.03
110-82-7	Cyclohexane	No	Total Releases to Water	0 tonnes	0 tonnes	2015	0	
110-82-7	Cyclohexane	No	Total Releases to Land	0 tonnes	0 tonnes	2015	0	
110-82-7	Cyclohexane	No	Total Releases to All Media	0 tonnes	0 tonnes	2015	0	
141-78-6	Ethyl acetate	Yes	Total Releases to Air	27.1 tonnes	32.938 tonnes	2015	-5.838	-17.72
NA - 31	Heptane (all isomers)	Yes	Total Releases to Air	10.84 tonnes	13.175 tonnes	2015	-2.335	-17.72
67-56-1	Methanol	No	Total Releases to Air	1.4 tonnes	1.647 tonnes	2015	-0.247	-15.00
67-56-1	Methanol	No	Total Releases to Water	0 tonnes	0 tonnes	2015	0	
67-56-1	Methanol	No	Total Releases to Land	0 tonnes	0 tonnes	2015	0	
67-56-1	Methanol	No	Total Releases to All Media	0 tonnes	0 tonnes	2015	0	
67-56-1	Methanol	Yes	Total Releases to Air	1.36 tonnes	1.647 tonnes	2015	-0.287	-17.43
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Air	0.697 tonnes	1.204 tonnes	2015	-0.507	-42.11
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Water	0 tonnes	0 tonnes	2015	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Land	0 tonnes	0 tonnes	2015	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to All Media	0 tonnes	0 tonnes	2015	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to Air	0.283 tonnes	0.653 tonnes	2015	-0.370	-56.66
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to Water	0 tonnes	0 tonnes	2015	0	

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to Land	0 tonnes	0 tonnes	2015	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to All Media	0 tonnes	0 tonnes	2015	0	
108-88-3	Toluene	No	Total Releases to Air	3,534 tonnes	3,374 tonnes	2015	0.160	4.74
108-88-3	Toluene	No	Total Releases to Water	0 tonnes	0 tonnes	2015	0	
108-88-3	Toluene	No	Total Releases to Land	0 tonnes	0 tonnes	2015	0	
108-88-3	Toluene	No	Total Releases to All Media	0 tonnes	0 tonnes	2015	0	
108-88-3	Toluene	Yes	Total Releases to Air	3,53 tonnes	3,374 tonnes	2015	0.156	4.62
1330-20-7	Xylene (all isomers)	No	Total Releases to Air	2,52 tonnes	2,41 tonnes	2015	0.11	4.56
1330-20-7	Xylene (all isomers)	No	Total Releases to Water	0 tonnes	0 tonnes	2015	0	
1330-20-7	Xylene (all isomers)	No	Total Releases to Land	0 tonnes	0 tonnes	2015	0	
1330-20-7	Xylene (all isomers)	No	Total Releases to All Media	0 tonnes	0 tonnes	2015	0	
1330-20-7	Xylene (all isomers)	Yes	Total Releases to Air	2,52 tonnes	2,410 tonnes	2015	0.110	4.56

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
110-82-7	Cyclohexane	Decrease in production levels	
67-56-1	Methanol	Decrease in production levels	
NA - M09	PM10 - Particulate Matter <= 10 Microns	Decrease in production levels	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Decrease in production levels	
108-88-3	Toluene	No reasons - quantities approximately the same	
NA - M16	Volatile Organic Compounds (VOCs)	No reasons - quantities approximately the same Decrease in production levels	
1330-20-7	Xylene (all isomers)	No reasons - quantities approximately the same	

Progress on TRA Plan - Objectives

CAS RN	Substance Name	Objectives
110-82-7	Cyclohexane	Toyota Boshoku Woodstock intends to reduce the use of cyclohexane through product design, equipment modification, and improved inventory techniques, and training and improved operating practices.
141-78-6	Ethyl acetate	Toyota Boshoku Woodstock intends to reduce the use of ethyl acetate through improved inventory techniques, improved operating practices.
NA - 31	Heptane (all isomers)	Toyota Boshoku Woodstock intends to reduce the use of heptane through improved inventory techniques, improved operating practices.
67-56-1	Methanol	Toyota Boshoku Woodstock intends to reduce the use of methanol through product design, improved inventory techniques, improved operating practices.
NA - M09	PM10 - Particulate Matter <= 10 Microns	Toyota Boshoku Woodstock intends to reduce the use of PM10 through product design, equipment modification, and training and improved operating practices.
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Toyota Boshoku Woodstock intends to reduce the creation of PM2.5 through product design, equipment modification, and training and improved operating practices.
108-88-3	Toluene	Toyota Boshoku Woodstock intends to reduce the use of xylene and toluene through feedstock substitution, product design, process modification, improved inventory techniques, and training and improved operating practices.
1330-20-7	Xylene (all isomers)	Toyota Boshoku Woodstock intends to reduce the use of xylene and toluene through feedstock substitution, product design, process modification, improved inventory techniques, and training and improved operating practices.

Progress on TRA Plan - Use Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
110-82-7	Cyclohexane	No quantity target	No timeline target	
141-78-6	Ethyl acetate	No quantity target	No timeline target	
NA - 31	Heptane (all isomers)	No quantity target	No timeline target	

CAS RN	Substance Name	Quantity	Years	Description of Target
67-56-1	Methanol	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	
108-88-3	Toluene	No quantity target	No timeline target	
1330-20-7	Xylene (all isomers)	No quantity target	No timeline target	

Progress on TRA Plan - Creation Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
110-82-7	Cyclohexane	No quantity target	No timeline target	
141-78-6	Ethyl acetate	No quantity target	No timeline target	
NA - 31	Heptane (all isomers)	No quantity target	No timeline target	
67-56-1	Methanol	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	
108-88-3	Toluene	No quantity target	No timeline target	
1330-20-7	Xylene (all isomers)	No quantity target	No timeline target	

Progress on TRA Plan - Toxic Reduction Options Implemented

CAS RN	Substance Name	Activity	Public summary of the description of the steps	Public summary of the comparison of the steps
110-82-7	Cyclohexane	Improved application techniques	Already completed.	Already completed.
110-82-7	Cyclohexane	Other	Already completed.	Already completed.
110-82-7	Cyclohexane	Other	Already completed.	Already completed.
110-82-7	Cyclohexane	Other	Already completed.	Already completed.
110-82-7	Cyclohexane	Changed product specifications	Cancelled due to product design constraints	Cancelled due to product design constraints
110-82-7	Cyclohexane	Improved maintenance scheduling, record keeping or procedures	Already completed.	Already completed.
141-78-6	Ethyl acetate	Other	Already completed.	Already completed.
141-78-6	Ethyl acetate	Other	Already completed.	Already completed.
141-78-6	Ethyl acetate	Other	Already completed.	Already completed.
141-78-6	Ethyl acetate	Other	Already completed.	Already completed.
NA - 31	Heptane (all isomers)	Other	Already completed.	Already completed.
NA - 31	Heptane (all isomers)	Other	Already completed.	Already completed.
NA - 31	Heptane (all isomers)	Other	Already completed.	Already completed.
NA - 31	Heptane (all isomers)	Other	Already completed.	Already completed.
67-56-1	Methanol	Other	Already completed.	Already completed.
67-56-1	Methanol	Other	Already completed.	Already completed.
67-56-1	Methanol	Other	Already completed.	Already completed.
67-56-1	Methanol	Changed product specifications	Already completed.	Already completed.
67-56-1	Methanol	Other	Already completed.	Already completed.
NA - M09	PM10 - Particulate Matter <= 10 Microns	Other	Already completed.	Already completed.
	PM10 -			

CAS RN	Substance Name	Activity	Public summary of the description of the steps	Public summary of the comparison of the steps
NA - M09	Particulate Matter <= 10 Microns	Other	Already completed.	Already completed.
NA - M09	PM10 - Particulate Matter <= 10 Microns	Modified design or composition	Already completed.	Already completed.
NA - M09	PM10 - Particulate Matter <= 10 Microns	Other	Already completed.	Already completed.
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Other	Already completed.	Already completed.
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Other	Already completed.	Already completed.
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Modified design or composition	Already completed.	Already completed.
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Other	Already completed.	Already completed.
108-88-3	Toluene	Other	Already completed.	Already completed.
108-88-3	Toluene	Instituted improved purchasing procedures	Project completed in 2016 per Plan Summary.	Project completed in 2016 per Plan Summary.
108-88-3	Toluene	Substituted materials	Cancelled due to product design constraints	Cancelled due to product design constraints
108-88-3	Toluene	Modified design or composition	Cancelled due to product design constraints	Cancelled due to product design constraints
108-88-3	Toluene	Training related to toxics substance reduction	Already completed.	Already completed.
108-88-3	Toluene	Other	Already completed.	Already completed.
1330-20-7	Xylene (all isomers)	Modified equipment, layout or piping	Already completed.	Already completed.
1330-20-7	Xylene (all isomers)	Instituted improved purchasing procedures	Completed in 2016 per Plan Summary.	Completed in 2016 per Plan Summary.
1330-20-7	Xylene (all isomers)	Substituted materials	Cancelled due to product design constraints.	Cancelled due to product design constraints.
1330-20-7	Xylene (all isomers)	Other	Cancelled due to product design constraints.	Cancelled due to product design constraints.
1330-20-7	Xylene (all isomers)	Other	Already completed.	Already completed.
1330-20-7	Xylene (all isomers)	Training related to toxics substance reduction	Already completed.	Already completed.

Progress on TRA Plan - Reductions due to Options Implemented - Equipment or process modifications

CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity
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CAS RN

Substance Name

Activity

Reductions due to Options Implemented

Quantity

Progress on TRA Plan - Reductions due to Options Implemented - Improved inventory management or purchasing techniques

CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity
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Techniques

CAS RN

Substance
Name

Activity

Reductions due to Options Implemented

Quantity

Techniques

CAS RN

Substance
Name

Activity

Reductions due to Options Implemented

Quantity

Techniques
CAS RN

Substance
Name

Activity

Reductions due to Options Implemented

Quantity

Techniques CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity
108-88-3	Toluene	Instituted improved purchasing procedures	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the steps described:	0.079 tonnes

CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity
1330-20-7	Xylene (all isomers)	Instituted improved purchasing procedures	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the steps described:	0.057 tonnes

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

CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity
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Progress on TRA Plan - Reductions due to Options Implemented - Product design or reformulation

CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity
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CAS RN

Substance Name

Activity

Reductions due to Options Implemented

Quantity

Progress on TRA Plan - Reductions due to Options Implemented - Good operator practice or training

CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity
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CAS RN

Substance Name

Activity

Reductions due to Options Implemented

Quantity

CAS RN

Substance Name

Activity

Reductions due to Options Implemented

Quantity

Progress on TRA Plan - Additional Actions

CAS RN	Substance Name
110-82-7	Cyclohexane
141-78-6	Ethyl acetate
NA - 31	Heptane (all isomers)
67-56-1	Methanol
NA - M09	PM10 - Particulate Matter <= 10 Microns
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns
108-88-3	Toluene
1330-20-7	Xylene (all isomers)

Provide a public summary of the description of the additional action taken

Progress on TRA Plan - Reductions due to additional actions taken

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
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CAS RN

Substance Name

Reductions due to additional actions taken

Quantity

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
1330-20-7	Xylene (all isomers)			

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 _____

Toyota Boshoku Canada Inc.

Certifying Official (or authorized delegate) _____

Jason Dittburner

Report Submitted by _____

Jason Dittburner

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 MOE TRA - Electronic Certification Statement

Annual Report Certification Statement

As of 31/05/2017, I, Norimichi Adachi, 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
110-82-7	Cyclohexane
NA - 26	Cyclohexene (all isomers)
141-78-6	Ethyl acetate
NA - 31	Heptane (all isomers)
67-56-1	Methanol
NA - M09	PM10 - Particulate Matter <= 10 Microns
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns
108-88-3	Toluene
NA - M16	Volatile Organic Compounds (VOCs)
1330-20-7	Xylene (all isomers)

Company Name _____

Toyota Boshoku Canada Inc.

Highest Ranking Employee _____

Norimichi Adachi

Report Submitted by _____

Jason Dittburner

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
2016	31/05/2017	Toyota Boshoku Canada	Ontario	Woodstock	NPRI,ON MOE 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: 3.11.4



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