

National Pollutant Release Inventory (NPRI) and Partners



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Report Preview

Report Details

Report Year	2017
Report Type:	NPRI,ON MOE TRA,ON MOE
Report Status:	Submitted
Modified Date/Time:	01/06/2018 12:58 PM

Company and Facility Details

Company Name:	A.P. Plasman Corporation
Business Number:	895316743
Mailing Address:	Delivery Mode: GeneralDelivery Address Line 1: 5245 Burke Street City, Province/Territory, Postal Code: Windsor Ontario N9A6J3 Country: Canada
Facility Name:	AP Plasman Tilbury
NAICS Code:	336390
NPRI ID:	11210
ON Reg 127/01 ID:	10345
Physical Address:	Address Line 1: 24 Industrial Park Road City, Province/Territory, Postal Code: Tilbury Ontario N0P2L0 Country: Canada Latitude: 42.2745 Longitude: -82.4152 UTM Zone: 17 UTM Easting: 383309 UTM Northing: 4681229

Parent Companies

Company Name:	AP Plasman Corporation
Business Number:	895316743
Mailing Address:	Address Line 1: 5245 Burke Street City, Province/Territory, Postal Code: Windsor Ontario N9A 6J3 Country: Canada

Contacts Details

Contact Type	Technical Contact, Public Contact
Name:	Jim Kidd
Position:	EH&S Manager
Telephone:	5197376984
Extension	1252

Email:	Jim.Kidd@applasman.com
Contact Type	Certifying Official, Highest Ranking Employee
Name:	John Planting
Position:	General Manager
Telephone:	5197274545
Extension	2242
Email:	John.Planting@theplasmangroup.com
Contact Type	Person who prepared the report, Contractor Contact
Name:	J.P. Baillargeon
Position:	Environmental Engineer
Telephone:	5199485000
Extension	3251
Fax:	5199485054
Email:	jpbailargeon@dillon.ca
Independent contractor/consultant company name:	Dillon Consulting Limited
Contact Type	Person who coordinated the preparation of the Toxics Reduction Plan
Name:	Shannon Belleau
Position:	Environmental Engineer
Telephone:	5199485000
Extension	3258
Fax:	5199485054
Email:	sbelleau@dillon.ca
Mailing Address:	Address Line 1: 608 - 3200 Deziel Drive City, Province/Territory, Postal Code: Windsor Ontario N8W5K8 Country: Canada

General Information

Number of employees:	127
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:	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:	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):

06:00

Substance List

CAS RN	Substance Name	Releases	Releases (Speciated VOCs)	Disposals	Recycling	Unit
95-63-6	1,2,4-Trimethylbenzene	13.6600	N/A	N/A	N/A	tonnes
67-64-1	Acetone	9.7370	N/A	N/A	N/A	tonnes
67-56-1	Methanol	2.2830	N/A	18.4000	N/A	tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	3.8360	N/A	N/A	N/A	tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	3.1150	N/A	N/A	N/A	tonnes
108-88-3	Toluene	10.3500	N/A	56.7200	N/A	tonnes
NA - M16	Volatile Organic Compounds (VOCs)	226.5000	119.5910	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
95-63-6	1,2,4-Trimethylbenzene	Yes	Yes		No
67-64-1	Acetone		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	Yes	Yes		No
108-88-3	Toluene	Yes	Yes		No
NA - M16	Volatile Organic Compounds (VOCs)	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
95-63-6	1,2,4-Trimethylbenzene	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

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
95-63-6	1,2,4-Trimethylbenzene	No	No	No
67-56-1	Methanol	Yes	No	No
108-88-3	Toluene	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
95-63-6	1,2,4-Trimethylbenzene		As a formulation component	
67-56-1	Methanol		As a formulation component	Ancillary/other use
108-88-3	Toluene		As a formulation component	Ancillary/other use
NA - M16	Volatile Organic Compounds (VOCs)			

Substances added to/removed from the report

CAS RN	Substance Name	Added/Removed	Comment
95-63-6	1,2,4-Trimethylbenzene	Added	Increased production.

TRA Quantifications

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity	Use ranges for public reporting
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CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity	Use ranges for public reporting
95-63-6	1,2,4-Trimethylbenzene	Use	29.40 tonnes	Yes
95-63-6	1,2,4-Trimethylbenzene	Creation	0 tonnes	Yes
95-63-6	1,2,4-Trimethylbenzene	Contained in Product	0 tonnes	Yes
67-64-1	Acetone	Use	93.97 tonnes	Yes
67-64-1	Acetone	Creation	0 tonnes	Yes
67-64-1	Acetone	Contained in Product		
67-56-1	Methanol	Use	19.87 tonnes	Yes
67-56-1	Methanol	Creation	0 tonnes	Yes
67-56-1	Methanol	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	94.88 tonnes	Yes
NA - M09	PM10 - Particulate Matter <= 10 Microns	Contained in Product		
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Use	0 tonnes	Yes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Creation	76.86 tonnes	Yes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Contained in Product		
108-88-3	Toluene	Use	94.59 tonnes	Yes
108-88-3	Toluene	Creation	0 tonnes	Yes
108-88-3	Toluene	Contained in Product	0 tonnes	Yes
NA - M16	Volatile Organic Compounds (VOCs)	Use	338.8 tonnes	Yes
NA - M16	Volatile Organic Compounds (VOCs)	Creation	0.121 tonnes	Yes
NA - M16	Volatile Organic Compounds (VOCs)	Contained in Product		

TRA Quantifications - VOC Breakdown List

CAS RN	Substance Name	Use, Creation, Contained in Product	Quantity
95-63-6	1,2,4-Trimethylbenzene	Use	13.66 tonnes
124-04-9	Adipic acid	Use	0.003 tonnes
64-17-5	Ethanol	Use	0.005 tonnes
141-78-6	Ethyl acetate	Use	4.612 tonnes
112-07-2	Ethylene glycol butyl ether acetate	Use	1.360 tonnes
64741-65-7	Heavy alkylate naphtha	Use	0.115 tonnes
64742-94-5	Heavy aromatic solvent naphtha	Use	1.638 tonnes
64742-48-9	Hydrotreated heavy naphtha	Use	0.002 tonnes
64742-47-8	Hydrotreated light distillate	Use	0.002 tonnes
67-63-0	Isopropyl alcohol	Use	0.372 tonnes
64742-95-6	Light aromatic solvent naphtha	Use	18.35 tonnes
67-56-1	Methanol	Use	19.87 tonnes
67-56-1	Methanol	Creation	0 tonnes
78-93-3	Methyl ethyl ketone	Use	2.280 tonnes
108-10-1	Methyl isobutyl ketone	Use	0.008 tonnes
123-86-4	n-Butyl acetate	Use	45.84 tonnes
108-65-6	Propylene glycol methyl ether acetate	Use	11.17 tonnes
64742-88-7	Solvent naphtha medium aliphatic	Use	0.012 tonnes
100-42-5	Styrene	Use	0.0001 tonnes
108-88-3	Toluene	Use	94.59 tonnes
108-88-3	Toluene	Creation	0 tonnes
25551-13-7	Trimethylbenzene (all isomers excluding 1,2,4-Trimethylbenzene)	Use	2.731 tonnes
1330-20-7	Xylene (all isomers)	Use	8.286 tonnes

TRA Quantifications - Total Speciated VOCs

Use, Creation, Contained in Product	Quantity
Use	224.9061 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
95-63-6	1,2,4-Trimethylbenzene					No
67-64-1	Acetone					No

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
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

On-site Releases - Releases to air

CAS RN	Substance Name	Category	Basis of Estimate	Detail Code	Quantity
95-63-6	1,2,4-Trimethylbenzene	Stack or Point Releases	O - Engineering Estimates		13.66 tonnes
67-64-1	Acetone	Stack or Point Releases	O - Engineering Estimates		9.737 tonnes
67-56-1	Methanol	Stack or Point Releases	O - Engineering Estimates		2.283 tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	Stack or Point Releases	O - Engineering Estimates		3.836 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Stack or Point Releases	O - Engineering Estimates		3.115 tonnes
108-88-3	Toluene	Stack or Point Releases	O - Engineering Estimates		10.35 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	Stack or Point Releases	O - Engineering Estimates		226.5 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	Other Sources - Speciated VOCs	NA - Not Applicable		226.5 tonnes

On-site Releases - Releases to air - Total

CAS RN	Substance Name	Total - Releases to Air
95-63-6	1,2,4-Trimethylbenzene	13.66 tonnes
67-64-1	Acetone	9.737 tonnes
67-56-1	Methanol	2.283 tonnes
NA - M09	PM10 - Particulate Matter <= 10 Microns	3.836 tonnes
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	3.115 tonnes
108-88-3	Toluene	10.35 tonnes
NA - M16	Volatile Organic Compounds (VOCs)	226.5 tonnes

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

Category	CAS RN	Substance Name	Quantity
Other Sources - Speciated VOCs	95-63-6	1,2,4-Trimethylbenzene	13.66 tonnes
Other Sources - Speciated VOCs	141-78-6	Ethyl acetate	4.612 tonnes
Other Sources - Speciated VOCs	112-07-2	Ethylene glycol butyl ether acetate	1.360 tonnes
Other Sources - Speciated VOCs	64742-94-5	Heavy aromatic solvent naphtha	1.638 tonnes
Other Sources - Speciated VOCs	64742-95-6	Light aromatic solvent naphtha	18.35 tonnes
Other Sources - Speciated VOCs	67-56-1	Methanol	2.283 tonnes
Other Sources - Speciated VOCs	78-93-3	Methyl ethyl ketone	2.030 tonnes
Other Sources - Speciated VOCs	123-86-4	n-Butyl acetate	44.48 tonnes
Other Sources - Speciated VOCs	108-65-6	Propylene glycol methyl ether acetate	11.17 tonnes
Other Sources - Speciated VOCs	108-88-3	Toluene	10.35 tonnes
Other Sources - Speciated VOCs	25551-13-7	Trimethylbenzene (all isomers excluding 1,2,4-Trimethylbenzene)	2.731 tonnes
Other Sources - Speciated VOCs	1330-20-7	Xylene (all isomers)	6.927 tonnes

On-site Releases - Total

CAS RN	Substance Name	Total releases
95-63-6	1,2,4-Trimethylbenzene	13.66 tonnes
67-56-1	Methanol	2.283 tonnes
108-88-3	Toluene	10.35 tonnes

On-site Releases - Quarterly Breakdown of Annual Releases

CAS RN	Substance Name	Quarter 1	Quarter 2	Quarter 3	Quarter 4
95-63-6	1,2,4-Trimethylbenzene	25	25	25	25
67-56-1	Methanol	25	25	25	25
108-88-3	Toluene	25	25	25	25

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
95-63-6	1,2,4-Trimethylbenzene	No	Enters the facility (Use)	29.40 tonnes	0 tonnes	2016	29.40	100
95-63-6	1,2,4-Trimethylbenzene	No	Creation	0 tonnes	0 tonnes	2016	0	
95-63-6	1,2,4-Trimethylbenzene	No	Contained in Product	0 tonnes	0 tonnes	2016	0	
95-63-6	1,2,4-Trimethylbenzene	Yes	Enters the facility (Use)	13.66 tonnes	3.302 tonnes	2016	10.358	313.69
67-64-1	Acetone	No	Enters the facility (Use)	93.97 tonnes	16.848 tonnes	2016	77.122	457.75
67-64-1	Acetone	No	Creation	0 tonnes	0 tonnes	2016	0	
141-78-6	Ethyl acetate	Yes	Enters the facility (Use)	4.612 tonnes	3.362 tonnes	2016	1.250	37.18
67-63-0	Isopropyl alcohol	Yes	Enters the facility (Use)	0.372 tonnes	1.056 tonnes	2016	-0.684	-64.77
64742-95-6	Light aromatic solvent naphtha	Yes	Enters the facility (Use)	18.35 tonnes	3.826 tonnes	2016	14.524	379.61
67-56-1	Methanol	No	Enters the facility (Use)	19.87 tonnes	11.2433 tonnes	2016	8.6267	76.73
67-56-1	Methanol	No	Creation	0 tonnes	0 tonnes	2016	0	
67-56-1	Methanol	No	Contained in Product	0 tonnes	0 tonnes	2016	0	
67-56-1	Methanol	Yes	Enters the facility (Use)	19.87 tonnes	11.11 tonnes	2016	8.76	78.85
67-56-1	Methanol	Yes	Creation	0 tonnes	0 tonnes	2016	0	
78-93-3	Methyl ethyl ketone	Yes	Enters the facility (Use)	2.280 tonnes	2.489 tonnes	2016	-0.209	-8.40
123-86-4	n-Butyl acetate	Yes	Enters the facility (Use)	45.84 tonnes	8.021 tonnes	2016	37.819	471.50
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Enters the facility (Use)	0 tonnes	0 tonnes	2016	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Creation	94.88 tonnes	36.9419 tonnes	2016	57.9381	156.84
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Enters the facility (Use)	0 tonnes	0 tonnes	2016	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Creation	76.86 tonnes	29.896 tonnes	2016	46.964	157.09
108-65-6	Propylene glycol methyl ether acetate	Yes	Enters the facility (Use)	11.17 tonnes	8.345 tonnes	2016	2.825	33.85
108-88-3	Toluene	No	Enters the facility (Use)	94.59 tonnes	27.3644 tonnes	2016	67.2256	245.67
108-88-3	Toluene	No	Creation	0 tonnes	0 tonnes	2016	0	
108-88-3	Toluene	No	Contained in Product	0 tonnes	0 tonnes	2016	0	
108-88-3	Toluene	Yes	Enters the facility (Use)	94.59 tonnes	27.04 tonnes	2016	67.55	249.82
108-88-3	Toluene	Yes	Creation	0 tonnes	0 tonnes	2016	0	
1330-20-7	Xylene (all isomers)	Yes	Enters the facility (Use)	8.286 tonnes	4.027 tonnes	2016	4.259	105.76

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
95-63-6	1,2,4-Trimethylbenzene	Increase in production levels	
67-64-1	Acetone	Increase in production levels	
67-56-1	Methanol	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	
108-88-3	Toluene	Increase in production levels	
NA - M16	Volatile Organic Compounds (VOCs)	Increase 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
95-63-6	1,2,4-Trimethylbenzene	No	Total Releases to Air	13.66 tonnes	0 tonnes	2016	13.66	100
95-63-6	1,2,4-Trimethylbenzene	No	Total Releases to Water	0 tonnes	0 tonnes	2016	0	
95-63-6	1,2,4-Trimethylbenzene	No	Total Releases to Land	0 tonnes	0 tonnes	2016	0	
95-63-6	1,2,4-Trimethylbenzene	No	Total Releases to All Media	0 tonnes				

CAS RN	Substance Name	Is Breakdown	Category	Quantity	Last Reported Quantity	Reporting Period of Last Reported Quantity	Change	% Change
95-63-6	1,2,4-Trimethylbenzene	Yes	Total Releases to Air	13.66 tonnes	3.305 tonnes	2016	10.355	313.31
67-64-1	Acetone	No	Total Releases to Air	9.737 tonnes	2.938 tonnes	2016	6.799	231.42
67-64-1	Acetone	No	Total Releases to Water	0 tonnes	0 tonnes	2016	0	
67-64-1	Acetone	No	Total Releases to Land	0 tonnes	0 tonnes	2016	0	
67-64-1	Acetone	No	Total Releases to All Media	0 tonnes	0 tonnes	2016	0	
141-78-6	Ethyl acetate	Yes	Total Releases to Air	4.612 tonnes	3.373 tonnes	2016	1.239	36.73
64742-95-6	Light aromatic solvent naphtha	Yes	Total Releases to Air	18.35 tonnes	3.834 tonnes	2016	14.516	378.61
67-56-1	Methanol	No	Total Releases to Air	2.283 tonnes	1.135 tonnes	2016	1.148	101.15
67-56-1	Methanol	No	Total Releases to Water	0 tonnes	0 tonnes	2016	0	
67-56-1	Methanol	No	Total Releases to Land	0 tonnes	0 tonnes	2016	0	
67-56-1	Methanol	No	Total Releases to All Media	0 tonnes	0 tonnes	2016	0	
67-56-1	Methanol	Yes	Total Releases to Air	2.283 tonnes	1.131 tonnes	2016	1.152	101.86
78-93-3	Methyl ethyl ketone	Yes	Total Releases to Air	2.030 tonnes	2.494 tonnes	2016	-0.464	-18.60
123-86-4	n-Butyl acetate	Yes	Total Releases to Air	44.48 tonnes	8.032 tonnes	2016	36.448	453.78
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Air	3.836 tonnes	1.4983 tonnes	2016	2.3377	156.02
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Water	0 tonnes	0 tonnes	2016	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to Land	0 tonnes	0 tonnes	2016	0	
NA - M09	PM10 - Particulate Matter <= 10 Microns	No	Total Releases to All Media	0 tonnes	0 tonnes	2016	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to Air	3.115 tonnes	1.216 tonnes	2016	1.899	156.17
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to Water	0 tonnes	0 tonnes	2016	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to Land	0 tonnes	0 tonnes	2016	0	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No	Total Releases to All Media	0 tonnes	0 tonnes	2016	0	
108-65-6	Propylene glycol methyl ether acetate	Yes	Total Releases to Air	11.17 tonnes	8.353 tonnes	2016	2.817	33.72
108-88-3	Toluene	No	Total Releases to Air	10.35 tonnes	4.6349 tonnes	2016	5.7151	123.31
108-88-3	Toluene	No	Total Releases to Water	0 tonnes	0 tonnes	2016	0	
108-88-3	Toluene	No	Total Releases to Land	0 tonnes	0 tonnes	2016	0	
108-88-3	Toluene	No	Total Releases to All Media	0 tonnes	0 tonnes	2016	0	
108-88-3	Toluene	Yes	Total Releases to Air	10.35 tonnes	4.594 tonnes	2016	5.756	125.29
1330-20-7	Xylene (all isomers)	Yes	Total Releases to Air	6.927 tonnes	1.556 tonnes	2016	5.371	345.18

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

CAS RN	Substance Name	Reason(s) for Change	Other Reason
95-63-6	1,2,4-Trimethylbenzene	Increase in production levels	
67-64-1	Acetone	Increase in production levels	
67-56-1	Methanol	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	
108-88-3	Toluene	Increase in production levels	
NA - M16	Volatile Organic Compounds (VOCs)	Increase 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
67-56-1	Methanol	No	Total On-site Disposals	0 tonnes	0 tonnes	2016	0	
67-56-1	Methanol	No	Total Off-site Disposals	0 tonnes	0 tonnes	2016	0	
67-56-1	Methanol	No	Total Off-site transfer for treatment Prior to Final Disposal	18.40 tonnes	6.41 tonnes	2016	11.99	187.05
67-56-1	Methanol	No	Total On-site Disposal of Tailings and Waste Rock	0 tonnes	0 tonnes	2016	0	
67-56-1	Methanol	No	Total Off-site Disposal of Tailings and Waste Rock	0 tonnes	0 tonnes	2016	0	
108-88-3	Toluene	No	Total On-site Disposals	0 tonnes	0 tonnes	2016	0	
108-88-3	Toluene	No	Total Off-site Disposals	0 tonnes	0 tonnes	2016	0	
108-88-3	Toluene	No	Total Off-site transfer for treatment Prior to Final Disposal	56.72 tonnes	19.7643 tonnes	2016	36.9557	186.98
108-88-3	Toluene	No	Total On-site Disposal of Tailings and Waste Rock	0 tonnes	0 tonnes	2016	0	
108-88-3	Toluene	No	Total Off-site Disposal of Tailings and Waste Rock	0 tonnes	0 tonnes	2016	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
67-56-1	Methanol	Increase in production levels	
108-88-3	Toluene	Increase 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
95-63-6	1,2,4-Trimethylbenzene	A.P. Plasman Tilbury does not intend to reduce the use of 1,2,4-Trimethylbenzene and therefore no objectives and targets are identified.
67-64-1	Acetone	A.P. Plasman Tilbury plant will reduce the use of Acetone by completing identified equipment and process modifications.
141-78-6	Ethyl acetate	A.P. Plasman Tilbury does not intend to reduce the use of Ethyl Acetate and therefore no objectives and targets are identified.
67-63-0	Isopropyl alcohol	A.P. Plasman Tilbury does not intend to reduce the use of Isopropanol and therefore no objectives and targets are identified.
64742-95-6	Light aromatic solvent naphtha	A.P. Plasman Tilbury does not intend to reduce the use of Light Aromatic Solvent Naphtha and therefore no objectives and targets are identified.
67-56-1	Methanol	A.P. Plasman Tilbury plant will reduce the use of methyl alcohol by completing identified equipment and process modifications.
78-93-3	Methyl ethyl ketone	A.P. Plasman Tilbury does not intend to reduce the use of Methyl Ethyl Ketone and therefore no objectives and targets are identified.
123-86-4	n-Butyl acetate	A.P. Plasman Tilbury does not intend to reduce the use of n-Butyl Acetate and therefore no objectives and targets are identified.
NA - M09	PM10 - Particulate Matter <= 10 Microns	A.P. Plasman Tilbury plant will reduce the use of Particulate Matter ≤ 10 micron by completing identified equipment and process modifications.
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	A.P. Plasman Tilbury plant will reduce the use of Particulate Matter ≤ 2.5 micron by completing identified equipment and process modifications.
108-65-6	Propylene glycol methyl ether acetate	A.P. Plasman Tilbury does not intend to reduce the use of Propylene Glycol Monobutyl Ether Acetate and therefore no objectives and targets are identified.
108-88-3	Toluene	A.P. Plasman Tilbury plant will reduce the use of toluene by completing identified equipment and process modifications.
1330-20-7	Xylene (all isomers)	A.P. Plasman Tilbury plant will reduce the use of xylene by completing identified equipment and process modifications.

Progress on TRA Plan - Use Targets

CAS RN	Substance Name	Quantity	Years	Description of Target
95-63-6	1,2,4-Trimethylbenzene	No quantity target	No timeline target	
67-64-1	Acetone	No quantity target	No timeline target	
141-78-6	Ethyl acetate	No quantity target	No timeline target	
67-63-0	Isopropyl alcohol	No quantity target	No timeline target	
64742-95-6	Light aromatic solvent naphtha	No quantity target	No timeline target	
67-56-1	Methanol	No quantity target	No timeline target	
78-93-3	Methyl ethyl ketone	No quantity target	No timeline target	
123-86-4	n-Butyl acetate	No quantity target	No timeline target	

CAS RN	Substance Name	Quantity	Years	Description of 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	
108-65-6	Propylene glycol methyl ether acetate	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
95-63-6	1,2,4-Trimethylbenzene	No quantity target	No timeline target	
67-64-1	Acetone	No quantity target	No timeline target	
141-78-6	Ethyl acetate	No quantity target	No timeline target	
67-63-0	Isopropyl alcohol	No quantity target	No timeline target	
64742-95-6	Light aromatic solvent naphtha	No quantity target	No timeline target	
67-56-1	Methanol	No quantity target	No timeline target	
78-93-3	Methyl ethyl ketone	No quantity target	No timeline target	
123-86-4	n-Butyl acetate	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	
108-65-6	Propylene glycol methyl ether acetate	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	Steps that were taken in the reporting period to implement the toxic reduction option	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
67-64-1	Acetone	Other	None	None	None	None
67-56-1	Methanol	Other	None	None	None	None
NA - M09	PM10 - Particulate Matter <= 10 Microns	Other	None	None	None	None
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Other	None	None	None	None
108-88-3	Toluene	Other	None	None	None	None
1330-20-7	Xylene (all isomers)	Other	None	None	None	None

CAS RN	Substance Name	Activity	Will the timelines in the current version of the plan will be met	Comments:
67-64-1	Acetone	Other	Yes	
67-56-1	Methanol	Other	Yes	
NA - M09	PM10 - Particulate Matter <= 10 Microns	Other	Yes	
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	Other	Yes	
108-88-3	Toluene	Other	Yes	
1330-20-7	Xylene (all isomers)	Other	Yes	

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

CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity
67-64-1	Acetone	Other	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
67-64-1	Acetone	Other	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
67-64-1	Acetone	Other	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the steps described:	No Amount
67-64-1	Acetone	Other	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
67-64-1	Acetone	Other	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
67-64-1	Acetone	Other	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to steps described:	No Amount
67-64-1	Acetone	Other	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 steps described:	No Amount
67-64-1	Acetone	Other	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 steps described:	No Amount

CAS RN	Substance Name	Activity	Reductions due to Options Implemented	Quantity
1330-20-7	Xylene (all isomers)	Other	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
1330-20-7	Xylene (all isomers)	Other	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the steps described:	No Amount
1330-20-7	Xylene (all isomers)	Other	The amount of reduction in release to air of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
1330-20-7	Xylene (all isomers)	Other	The amount of reduction in release to water of the substance at the facility during the reporting period that resulted due to the steps described:	No Amount
1330-20-7	Xylene (all isomers)	Other	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to steps described:	No Amount
1330-20-7	Xylene (all isomers)	Other	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 steps described:	No Amount
1330-20-7	Xylene (all isomers)	Other	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 steps described:	No Amount
1330-20-7	Xylene (all isomers)	Other	The amount of reduction in the substance recycled off-site 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?	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
95-63-6	1,2,4-Trimethylbenzene	No		
67-64-1	Acetone	No		
141-78-6	Ethyl acetate	No		
67-63-0	Isopropyl alcohol	No		
64742-95-6	Light aromatic solvent naphtha	No		
67-56-1	Methanol	No		
78-93-3	Methyl ethyl ketone	No		
123-86-4	n-Butyl acetate	No		
NA - M09	PM10 - Particulate Matter <= 10 Microns	No		
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No		
108-65-6	Propylene glycol methyl ether acetate	No		
108-88-3	Toluene	No		
1330-20-7	Xylene (all isomers)	No		

Progress on TRA Plan - Reductions due to additional actions taken

CAS RN	Substance Name	Reductions due to additional actions taken	Quantity
95-63-6	1,2,4-Trimethylbenzene	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
95-63-6	1,2,4-Trimethylbenzene	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
95-63-6	1,2,4-Trimethylbenzene	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
95-63-6	1,2,4-Trimethylbenzene	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.	
95-63-6	1,2,4-Trimethylbenzene	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.	
95-63-6	1,2,4-Trimethylbenzene	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
95-63-6	1,2,4-Trimethylbenzene	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.	
95-63-6	1,2,4-Trimethylbenzene	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.	
95-63-6	1,2,4-Trimethylbenzene	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
67-64-1	Acetone	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.	

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 disposed off-site (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 recycled off-site at the facility during the reporting period that resulted due to the additional actions.	
108-65-6	Propylene glycol methyl ether acetate	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
108-65-6	Propylene glycol methyl ether acetate	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
108-65-6	Propylene glycol methyl ether acetate	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
108-65-6	Propylene glycol methyl ether acetate	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.	
108-65-6	Propylene glycol methyl ether acetate	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.	
108-65-6	Propylene glycol methyl ether acetate	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
108-65-6	Propylene glycol methyl ether acetate	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.	
108-65-6	Propylene glycol methyl ether acetate	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.	
108-65-6	Propylene glycol methyl ether acetate	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	
108-88-3	Toluene	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
108-88-3	Toluene	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
108-88-3	Toluene	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
108-88-3	Toluene	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.	
108-88-3	Toluene	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.	
108-88-3	Toluene	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
108-88-3	Toluene	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.	
108-88-3	Toluene	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.	
108-88-3	Toluene	The amount of reduction in the substance recycled off-site at the facility during the reporting period that resulted due to the additional actions.	
1330-20-7	Xylene (all isomers)	The amount of reduction in use of the substance at the facility during the reporting period that resulted due to the additional actions.	
1330-20-7	Xylene (all isomers)	The amount of reduction in creation of the substance at the facility during the reporting period that resulted due to the additional actions.	
1330-20-7	Xylene (all isomers)	The amount of reduction in the substance contained in product at the facility during the reporting period that resulted due to the additional actions.	
1330-20-7	Xylene (all isomers)	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.	
1330-20-7	Xylene (all isomers)	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.	
1330-20-7	Xylene (all isomers)	The amount of reduction in release to land of the substance at the facility during the reporting period that resulted due to additional actions.	
1330-20-7	Xylene (all isomers)	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.	
1330-20-7	Xylene (all isomers)	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.	
1330-20-7	Xylene (all isomers)	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
95-63-6	1,2,4-Trimethylbenzene	No		
67-64-1	Acetone	No		
141-78-6	Ethyl acetate	No		
67-63-0	Isopropyl alcohol	No		
64742-95-6	Light aromatic solvent naphtha	No		
67-56-1	Methanol	No		
78-93-3	Methyl ethyl ketone	No		

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
123-86-4	n-Butyl acetate	No		
NA - M09	PM10 - Particulate Matter <= 10 Microns	No		
NA - M10	PM2.5 - Particulate Matter <= 2.5 Microns	No		
108-65-6	Propylene glycol methyl ether acetate	No		
108-88-3	Toluene	No		
1330-20-7	Xylene (all isomers)	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

A.P. Plasman Corporation

Certifying Official (or authorized delegate)

John Planting

Report Submitted by

John Planting

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 01/06/2018, I, John Planting, 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
95-63-6	1,2,4-Trimethylbenzene
67-64-1	Acetone
124-04-9	Adipic acid
64-17-5	Ethanol
141-78-6	Ethyl acetate
112-07-2	Ethylene glycol butyl ether acetate
64741-65-7	Heavy alkylate naphtha
64742-94-5	Heavy aromatic solvent naphtha
64742-48-9	Hydrotreated heavy naphtha
64742-47-8	Hydrotreated light distillate
67-63-0	Isopropyl alcohol
64742-95-6	Light aromatic solvent naphtha

67-56-1	Methanol
78-93-3	Methyl ethyl ketone
108-10-1	Methyl isobutyl 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
64742-88-7	Solvent naphtha medium aliphatic
100-42-5	Styrene
108-88-3	Toluene
25551-13-7	Trimethylbenzene (all isomers excluding 1,2,4-Trimethylbenzene)
1330-20-7	Xylene (all isomers)

Company Name

A.P. Plasman Corporation

Highest Ranking Employee

John Planting

Report Submitted by

John Planting

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
2017	01/06/2018	AP Plasman Tilbury	Ontario	Tilbury	NPRI,ON MOE TRA,ON MOE

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: 3.14.0



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