

Toxics Reduction Act – Public Summary Report – 2014 Reporting Year

Ford Motor Company – Oakville Assembly Complex

A. FACILITY INFORMATION

The Oakville Assembly Complex operates as an automotive assembly plant for the production of the Ford Edge, Ford Flex, Lincoln MKX and Lincoln MKT. The main facility processes consist of body building, painting and assembly.

4 7 7								
Address	The Canadian Road							
	Oakville, Ontario							
	L6J 5C9							
Spatial Coordinates	Zone 17, 607468 m E, 4816131 m N							
NPRI/MOE IDs	NPRI = 3419							
	MOE = 6763							
No. of Employees	3,062							
Primary Operation	Automobile Assembly Plant							
NAICS Code(s)	33 – Manufacturing							
	3361 – Motor Vehicle Manufacturing							
	336110 - Automobile and Light Duty Motor Vehicle Manufacturing							
Facility Contact	Mr. Robert Niemi							
	Ford Motor Company							
	Environmental Quality Office							
	290 Town Center Drive							
	Dearborn, Michigan							
	48123							
	Phone: (313) 206-8034							
	Email: rniemi1@ford.com							
Parent Company	Ford Motor Company of Canada Limited							
	100 The Canadian Road							
	Oakville, Ontario							
	L6J 5E4							



B. TOXIC SUBSTANCE ACCOUNTING

Substances Reported	CAS#	Primary Use/Source
NPRI Part 1 Substances		
Asbestos	1332-21-4	Demolition wastes
Ethylbenzene	100-41-4	Solvents
Ethylene glycol	107-21-1	Coolant
Ethylene glycol monobutyl ether	111-76-2	Solvents / E-coat
Isobutyl alcohol	78-83-1	Paints / solvents
Isopropanol	67-63-0	Paints / solvents
Methyl alcohol	67-56-1	Windshield wash solution
Methyl isobutyl ketone	108-10-1	Solvents / E-coat
n-Butyl alcohol	71-36-3	Solvents
Sulphuric acid	7664-93-9	Wastewater treatment
Toluene	108-88-3	Paints / solvents
1,2,4-Trimethylbenzene	95-63-6	Paints / solvents
Xylene	1330-20-7	Paints / solvents
Zinc (and its compounds)	n/a	Vehicle body / sealers
NPRI Part 4 Substances		
NO _x	11104-93-1	Fuel combustion
CO	630-08-0	Fuel combustion
PM ₁₀	n/a	Spray coating / fuel combustion
PM _{2.5}	n/a	Spray coating / fuel combustion
NPRI Part 5 Substances		
Butane	n/a	Fuel combustion
Ethylene glycol monobutyl ether acetate	112-07-2	Paints / solvents
Heavy aromatic solvent naphtha	64742-94-5	Paints / solvents
Hexane	n/a	Fuel combustion
Hydrotreated heavy naphtha	64742-48-9	Paints / solvents
Light aromatic solvent naphtha	64742-95-6	Paints / solvents



Substances Reported	CAS#	Primary Use/Source
Methyl ethyl ketone	78-93-3	Purge solvent
n-Butyl acetate	123-86-4	Paints / solvents
n-Heptane	142-82-5	Paints / solvents
Pentane	n/a	Fuel combustion
Solvent naphtha medium aliphatic	64742-88-7	Paints / solvents
Tetrahydrofuran	109-99-9	Paints / solvents
Trimethylbenzene	25551-13-7	Paints / solvents
O.Reg. 127/01 Substances		
Acetone	67-64-1	Purge solvent

Accounting Details

		Accounting Q	uantities						
Substance/Category	2013	2014	4 Annual Comparison		Reason for Change				
, c	(tonne)	(tonne)	(tonne)	(%)	Ç				
Asbestos									
Used	n/a	>100 to 1,000	n/a	n/a	Bulk disposal of demolition wastes.				
Created	n/a	0	0.0	0%	n/a				
Contained in Product	n/a	0	0.0	0%	n/a				
Released to Air	n/a	0	0.0	0%	n/a				
Released to Water	n/a	0	0.0	0%	n/a				
Transfer for Disposal	n/a	113.7	(+)113.7	(+)100%	Bulk disposal of demolition wastes.				
Transfer for Recycle	n/a	0	0.0	0%	n/a				
Ethylbenzene									
Used	>10 to 100	>10 to 100	(+)>10 to 100	(-)9%	No significant change in usage.				
Created	0	0	0.0	0%	n/a				
Contained in Product	>0 to 1	>0 to 1	(-)>0 to 1	(-)16%	Decreased quantity of transmission fluid used.				
Released to Air	42.22	39.57	(-)2.650	(-)6%	No significant change in air release				
Released to Water	0	0	0.0	0%	n/a				



		Accounting (Quantities							
Substance/Category	2013	2014	Annual Com	parison	Reason for Change					
	(tonne)	(tonne)	(tonne)	(%)						
Transfer for Disposal	0.021	0.018	(-)0.003	(-)14%	Decreased usage of spray coatings and general use products containing ethylbenzene.					
Transfer for Recycle	44.16	41.90	(-)2.260	(-)5%	No significant change in off-site recycles.					
Ethylene glycol	Ethylene glycol									
Used	>1,000 to 10,000	>1,000 to 10,000	(-)>10 to 100	(-)13%	Decreased usage of products containing ethylene glycol, specifically engine coolant					
Created	0	0	n/a	n/a	No significant change in creation.					
Contained in Product	>1,000 to 10,000	>1,000 to 10,000	(-)>10 to 100	(-)13%	No significant change in product contents.					
Released to Air	0	0	n/a	n/a	No significant change in air release.					
Released to Water	0	0	n/a	n/a	No significant change in water release.					
Transfer for Disposal	0.134	0.116	(-)0.018	(-)13%	Decreased usage of products containing ethylene glycol.					
Transfer for Recycle	0	0	n/a	n/a	No significant change in recycles.					
Ethylene glycol monobu	tyl ether									
Used	>10 to 100	>10 to 100	(-)>10 to 100	(-)21%	Decreased usage of products containing EGME, specifically E-coats.					
Created	0	0	n/a	n/a	No significant change in creation.					
Contained in Product	0	0	n/a	n/a	No significant change in product contents.					
Released to Air	9.086	7.982	(-)1.104	(-)12%	Decreased usage of products containing EGME.					
Released to Water	0	0	n/a	n/a	No significant change in water release.					
Transfer for Disposed	0.004	0.007	(+)0.004	(-)70%	Decreased usage of products containing EGME.					
Transfer for Recycle	0	0	n/a	n/a	No significant change in recycles.					
Isobutyl alcohol	Isobutyl alcohol									
Used	>10 to 100	>10 to 100	(-)1 to 10	(-)7%	No significant change in usage.					
Created	0	0	n/a	n/a	No significant change in creation					
Contained in Product	0	0	n/a	n/a	No significant change in product contents.					
Released to Air	25.84	24.42	(-)1.420	(-)5%	No significant change in air release.					



		Accounting (Quantities		
Substance/Category	2013	2013 2014 Annual Comp		parison	Reason for Change
	(tonne)	(tonne)	(tonne)	(%)	
Released to Water	0	0	n/a	n/a	No significant change in water release.
Transfer for Disposal	0.206	0.210	(+)0.004	(+)2%	No significant change in recycles.
Transfer for Recycle	5.561	4.895	(-)0.666	(-)12%	Reduced volume of spent purge solvent was sent off-site for recycle.
Isopropanol					
Used	>10 to 100	>10 to 100	(-)>1 to 10	(-)7%	No significant change in usage.
Created	0	0	n/a	n/a	No significant change in creation
Contained in Product	0	0	n/a	n/a	No significant change in product contents.
Released to Air	61.25	57.39	(-)3.860	(-)6%	No significant change in air release.
Released to Water	0	0	n/a	n/a	No significant change in water release.
Transfer for Disposal	0.420	0.347	(-)0.073	(-)17%	Decreased usage of products containing Isopropanol, specifically purge solvents.
Transfer for Recycle	2.365	2.088	(-)0.277	(-)12%	A reduced volume of spent purge solvent was sent off-site for recycle.
Methyl alcohol					
Used	>100 to 1,000	>100 to 1,000	(-)>10 to 100	(-)14%	Decrease usage of products containing Methyl alcohol, specifically windshield washer fluid.
Created	0	0	0.0	0%	No significant change in creation
Contained in Product	>100 to 1,000	>100 to 1,000	(-)>10 to 100	(-)13%	No significant change in product contents.
Released to Air	5.408	3.590	(-)1.818	(-)34%	Decreased usage of spray coatings containing methyl alcohol.
Released to Water	0	0	0.0	0%	No significant change in water release.
Transfer for Disposal	0.073	0.044	(-)0.029	(-)39%	Decreased usage of products containing methyl alcohol
Transfer for Recycle	2.322	2.507	(+)0.185	(-)7%	No significant change to recycles.



		Accounting Qu	antities					
Substance/Category	2013	2014	Annual Com	parison	Reason for Change			
	(tonne)	(tonne)	(tonne)	(%)				
Methyl isobutyl ketone	?							
Used	>10 to 100	>10 to 100	(-)>1 to 10	(-)17%	Decreased usage of products containing MIBK, specifically purge solvent.			
Created	0	0	n/a	n/a	No significant change in creation			
Contained in Product	0	0	n/a	n/a	No significant change in product contents.			
Released to Air	26.32	21.37	(-)4.950	(-)19%	Decreased usage of spray coatings containing MIBK.			
Released to Water	0	0	n/a	n/a	No significant change in water release.			
Transfer for Disposal	0.118	0.044	(-)0.074	(-)63%	Decreased disposal of purge solvent containing MIBK.			
Transfer for Recycle	22.29	20.37	(+)1.92	(-)9%	No significant change to recycles.			
n-Butyl alcohol								
Used	>100 to 1,000	>100 to 1,000	(-)>10 to 100	(-)10%	Decreased usage of products containing n-Butyl alcohol, specifically purge solvent.			
Created	0	0	n/a	n/a	No significant change in creation			
Contained in Product	0	0	n/a	n/a	No significant change in product contents.			
Released to Air	145.4	129.9	(-)15.50	(-)11%	Decreased usage of spray coatings containing n-Butyl alcohol.			
Released to Water	0	0	n/a	n/a	No significant change in water release.			
Transfer for Disposal	2.862	2.557	(-)0.305	(-)11%	Decreased disposal of purge solvent containing n-Butyl alcohol.			
Transfer for Recycle	26.81	26.22	(-)0.590	(-)2%	No significant change to recycles.			
Sulphuric acid	Sulphuric acid							
Used	>10 to 100	>10 to 100	(+)>1 to 10	(+)18%	Increased usage of sulphuric acid for wastewater treatment.			
Created	0	0	0.0	0%	No significant change in creation			
Contained in Product	0	0	0.0	0%	No significant change in product contents.			
Released to Air	0	0	0.0	0%	No significant change in air releases.			



		Accounting Qu	antities						
Substance/Category	2013	2014	Annual Com	parison	Reason for Change				
	(tonne)	(tonne)	(tonne)	(%)					
Released to Water	0	0	0.0	0%	No significant change in water release.				
Transfer for Disposal	0	0	0.0	0%	No significant change in disposals.				
Transfer for Recycle	0	0	0.0	0%	No significant change to recycles.				
Toluene									
Used	>10 to 100	>10 to 100	(-)>0 to 1	<1%	No significant change in usage.				
Created	0	0	0.0	0%	No significant change in creation				
Contained in Product	>0 to 1	>0 to 1	(-)>0 to 1	(-)14%	Decreased quantity of transmission fluid used.				
Released to Air	7.311	7.959	(+)0.648	(+)9%	No significant change in air release.				
Released to Water	0	0	0.0	0%	No significant change in water release.				
Transfer for Disposal	0.052	0.069	(+)0.017	(+)34%	Increased usage of general use products containing toluene.				
Transfer for Recycle	3.568	3.167	(-)0.401	(-)11%	Toluene was present in the spent purge solvent sent off-site for recycle at an increased concentration.				
1,2,4-Trimethylbenzen	e								
Used	>100 to 1,000	>100 to 1,000	(-)>10 to 100	(-)27%	Decreased usage of products containing 1,2,4-TMB.				
Created	0	0	n/a	n/a	No significant change in creation				
Contained in Product	0	0	n/a	n/a	No significant change in product contents.				
Released to Air	123.9	65.30	(-)58.60	(-)47%	Decreased usage of products containing 1,2,4-TMB.				
Released to Water	0	0	n/a	n/a	No significant change in water release.				
Transfer for Disposal	1.102	0.999	(-)0.103	(-)9%	No significant change in disposals.				
Transfer for Recycle	128.1	123.4	(-)4.700	(-)4%	No significant change to recycles.				
Xylene	Xylene								
Used	>100 to 1,000	>100 to 1,000	(-)>10 to 100	(-)9%	No significant change in usage.				
Created	0	0	n/a	n/a	No significant change in creation				



		Accounting Qu	ıantities				
Substance/Category	2013	2014	Annual Con	nparison	Reason for Change		
	(tonne)	(tonne)	(tonne)	(%)			
Contained in Product	>0 to 1	>0 to 1	(-)>0 to 1	(-)14%	Increased quantity of transmission fluid used.		
Released to Air	73.32	72.61	(-)0.710	(-)1%	No significant change in air release.		
Released to Water	0	0	n/a	n/a	No significant change in water release.		
Transfer for Disposal	0.183	0.145	(-)0.038	(-)21%	Decreased usage of spray coatings containing xylene.		
Transfer for Recycle	189.8	180.1	(-)9.700	(-)5%	No significant change in off-site recycles.		
Zinc (and its compoun	ds)						
Used	>1,000 to 10,000	>1,000 to 10,000	(-)100 to 1,000	(-)13%	No significant increase in usage.		
Created	0	0	0.0	0%	No significant change in creation		
Contained in Product	>1,000 to 10,000	>1,000 to 10,000	(-)>100 to 1,000	(-)13%	No significant increase in contained in product.		
Released to Air	0.001	0.001	0.0	0%	No change in air releases.		
Released to Water	0.355	0.318	(-)0.037	(-)10%	Decreased wastewater discharge releases.		
Transfer for Disposal	7.602	1.486	(-)6.116	(-)80%	Diversion of WWTP sludge wastes to an energy from waste facility.		
Transfer for Recycle	10.72	15.29	(+)4.570	(+)43%	Diversion of WWTP sludge wastes to an energy from waste facility.		
NO_x							
Used	0	0	n/a	n/a	No significant increase in usage.		
Created	>10 to 100	>10 to 100	(+)>1 to 10	(+)13%	Increased natural gas usage.		
Released to Air	62.43	70.56	(+)8.130	(+)13%	Increased natural gas usage.		
CO							
Used	0	0	n/a	n/a	No significant increase in usage.		
Created	>10 to 100	>10 to 100	(+)>1 to 10	(+)13%	Increased natural gas usage.		
Released to Air	54.12	61.11	(+)6.990	(+)13%	Increased natural gas usage.		



Substance/Category		Accounting Qu	antities	Reason for Change	
	2013	2014 Annual Comparison			nparison
	(tonne)	(tonne)	(tonne)	(%)	
PM_{10}					
Used	0	0	n/a	n/a	No significant increase in usage.
Created	>100 to 1,000	>100 to 1,000	(-)>1 to 10	(-)4%	No significant change in creation
Released to Air	15.11	14.61	(-)0.500	(-)3%	No significant change in air release
PM _{2.5}				1	
Used	0	0	n/a	n/a	No significant increase in usage.
Created	>10 to 100	>10 to 100	(-)>0 to 1	(-)4%	No significant change in creation
Released to Air	4.038	3.991	(+)0.047	(-)1%	No significant change in air release
Butane					
Used	0	0	n/a	n/a	No significant increase in usage.
Created	>1 to 10	>1 to 10	(+)>0 to 1	(+)16%	Increase in natural gas combustion quantities.
Released to Air	1.270	1.481	(+)0.211	(+)16%	Increase in natural gas combustion quantities.
Ethylene glycol mono	butyl ether acetate	e			
Used	>10 to 100	>10 to 100	(+)>0 to 1	(+)1%	No significant increase in usage.
Created	0	0	n/a	n/a	No significant change in creation
Released to Air	4.334	4.402	(+)0.068	(+)2%	No significant change in air release
Heavy aromatic solver	nt naphtha				
Used	>10 to 100	>10 to 100	(-)1 to 10	(-)8%	No significant increase in usage.
Created	0	0	n/a	n/a	No significant change in creation
Released to Air	4.147	3.878	(-)0.269	(-)6%	No significant change in air release
Hexane					
Used	0	0	n/a	n/a	No significant increase in usage.
Created	>1 to 10	>1 to 10	(+)>0 to 1	(+)17%	Increase in natural gas combustion quantities.
Released to Air	1.089	1.269	(+)0.180	(+)17%	Increase in natural gas combustion quantities.



		Accounting Qu	antities		
Substance/Category	2013	2014	Annual Con	nparison	Reason for Change
	(tonne)	(tonne)	(tonne)	(%)	
Hydrotreated heavy no	aphtha				
Used	>10 to 100	>10 to 100	(-)>1 to 10	(-)12%	Decreased usage of products containing HHN.
Created	0	0	n/a	n/a	No significant change in creation
Released to Air	16.34	6.882	(-)9.458	(-)58%	Decreased usage of products containing HHN.
Light aromatic solven	t naphtha				
Used	>100 to 1,000	>100 to 1,000	(+)>10 to 100	(-)19%	Decreased usage of products containing LASN.
Created	0	0	n/a	n/a	No significant change in creation
Released to Air	15.51	13.99	(-)1.520	(-)10%	Decreased usage of products containing LASN.
Methyl ethyl ketone					
Used	>1 to 10	>1 to 10	(-)>0 to 1	(-)11%	Decreased usage of products containing MEK, specifically purge solvent.
Created	0	0	n/a	n/a	No significant change in creation.
Released to Air	4.374	3.851	(-)0.523	(-)12%	Decreased usage of spray coatings.
n-Butyl acetate					
Used	>100 to 1,000	>100 to 1,000	(-)>1 to 10	(-)1%	No significant change in usage.
Created	0	0	n/a	n/a	No significant change in creation.
Released to Air	53.24	49.43	(-)3.810	(-)7%	No significant change in air release.
n-Heptane					
Used	>10 to 100	>10 to 100	(-)>1 to 10	(-)13%	Decreased usage of products containing n- Heptane, specifically spray coatings.
Created	0	0	n/a	n/a	No significant change in creation
Released to Air	14.05	11.98	(-)0.610	(-)15%	Decreased usage of products containing nheptane.
Pentane					
Used	0	0	n/a	n/a	No significant increase in usage.
Created	>1 to 10	>1 to 10	(+)>0 to 1	(+)16%	Increase in natural gas usage.



		Accounting Q	uantities				
Substance/Category	2013	2014	Annual Cor	nparison	Reason for Change		
8.1	(tonne)	(tonne)	(tonne)	(%)			
Released to Air	1.572	1.833	(+)0.261	(+)16%	Increase in natural gas usage.		
Solvent naphtha medi	um aliphatic						
Used	>10 to 100	>10 to 100	(-)>1 to 10	(-)25%	Decreased usage of spray coatings containing SNMA.		
Created	0	0	n/a	n/a	No significant change in creation		
Released to Air	4.115	8.218	(+)4.103	(+)100%	Increased usage of general use products containing SNMA.		
Tetrahydrofuran					-		
Used	>1 to 100	n/a	n/a	n/a			
Created	0	n/a	n/a	n/a	Tetrahydro furan releases to air did not exceed 1,000 kg. Therefore, reporting was not required.		
Released to Air	1.513	n/a	n/a	n/a	1,000 kg. Therefore, reporting was not required.		
Trimethylbenzene				•			
Used	>10 to 100	>10 to 100	(+)>10 to 100	(+)>100 %	Increased usage of products containing Trimethylbenzene, specifically Aromatic 100 solvent.		
Created	0	0	n/a	n/a	No significant change in creation		
Released to Air	11.52	36.13	(+)24.61	(+)>100 %	Increased usage of Aromatic 100 solvent.		
Acetone							
Used	>1 to 10	>1 to 10	(-)>0 to 1	(-)9%	No significant change in usage.		
Created	0	0	n/a	n/a	No significant change in creation		
Released to Air	4.875	4.225	(-)0.650	(-)13%	Decreased usage of purge solvents containing Acetone.		



C. TOXIC SUBSTANCE REDUCTION PLANNING

Objectives & Targets

Substance	Objectives & Targets	Reduction Option Progress
Asbestos	Not applicable.	Asbestos abatement was completed in 2014 which triggered reporting. An asbestos reduction plan will be prepared and submitted by the end of 2015.
Ethylbenzene	 Continue to transition to low VOC booth cleaners. Continue to increase block size. Continue to implement "lockout" practice on all valves in the paint booths. 	The planned steps were completed.
Ethylene glycol	No actions were planned for 2014.	
Ethylene glycol monobutyl ether	No actions were planned for 2014.	
Isobutyl alcohol	No actions were planned for 2014.	
Isopropanol	No actions were planned for 2014.	
Methyl alcohol	n/a – no options identified	
Methyl isobutyl ketone	No actions were planned for 2014.	
n-Butyl alcohol	No actions were planned for 2014.	
Sulphuric acid	n/a – no options identified	
Toluene	 Continue to transition to low VOC booth cleaners. Continue to increase block size. Continue to implement "lockout" practice on all valves in the paint booths. 	The planned steps were completed.
1,2,4- Trimethylbenzene	No actions were planned for 2014.	
Xylene	 Continue to transition to low VOC booth cleaners. Continue to increase block size. Continue to implement "lockout" practice on all valves in the paint booths. 	The planned steps were completed.
Zinc (and its compounds)	n/a – no options identified	
NO _x	 Reduce the use of natural gas in process and heating combustion equipment. 	Continued to implement the steps in the plan.



Substance	Objectives & Targets	Reduction Option Progress
CO	 Reduce the use of natural gas in process and heating combustion equipment. 	Continued to implement the steps in the plan.
PM_{10}	- Reduce the use of spray coatings.	Continued to increase block size.
PM _{2.5}	- Reduce the use of spray coatings.	Continued to increase block size.
Butane	 Reduce the use of natural gas in process and heating combustion equipment. 	Continued to implement the steps in the plan.
Ethylene glycol monobutyl ether acetate	 Continue to transition to low VOC booth cleaners. Continue to increase block size. Continue to implement "lockout" practice on all valves in the paint booths. 	The planned steps were completed.
Heavy aromatic solvent naphtha	 Continue to transition to low VOC booth cleaners. Continue to increase block size. Continue to implement "lockout" practice on all valves in the paint booths. 	The planned steps were completed.
Hexane	 Reduce the use of natural gas in process and heating combustion equipment. 	Continued to implement the steps in the plan.
Hydrotreated heavy naphtha	 Continue to transition to low VOC booth cleaners. Continue to increase block size. Continue to implement "lockout" practice on all valves in the paint booths. 	The planned steps were completed.
Light aromatic solvent naphtha	 Continue to transition to low VOC booth cleaners. Continue to increase block size. Continue to implement "lockout" practice on all valves in the paint booths. 	The planned steps were completed.
Methyl ethyl ketone	 Continue to transition to low VOC booth cleaners. Continue to increase block size. Continue to implement "lockout" practice on all valves in the paint booths. 	The planned steps were completed.
n-Butyl acetate	 Continue to transition to low VOC booth cleaners. Continue to increase block size. Continue to implement "lockout" practice on all valves in the paint booths. 	The planned steps were completed.
n-Heptane	Continue to transition to low VOC booth cleaners.Continue to increase block size.	The planned steps were completed.



Substance	Objectives & Targets	Reduction Option Progress
	- Continue to implement "lockout" practice on all valves in the paint booths.	
Pentane	 Reduce the use of natural gas in process and heating combustion equipment. 	Continued to implement the steps in the plan.
Solvent naphtha medium aliphatic	 Continue to transition to low VOC booth cleaners. Continue to increase block size. Continue to implement "lockout" practice on all valves in the paint booths. 	The planned steps were completed.
Tetrahydrofuran	 Continue to transition to low VOC booth cleaners. Continue to increase block size. Continue to implement "lockout" practice on all valves in the paint booths. 	The planned steps were completed. Tetrahydrofuran releases dropped below 1,000 kg, therefore reporting was not required for 2014.
Trimethylbenzene	 Continue to transition to low VOC booth cleaners. Continue to increase block size. Continue to implement "lockout" practice on all valves in the paint booths. 	The planned steps were completed.
Acetone	 Continue to transition to low VOC booth cleaners. Continue to increase block size. Continue to implement "lockout" practice on all valves in the paint booths. 	The planned steps were completed.

Annual Report Certification Statement

As of May 28, 2015, I certify that I have read the report(s) on the toxic substance reduction plan(s) for the toxic substances included above, and am familiar with its/their contents and to my knowledge the information contained in the report(s) is factually accurate and the report complies/reports comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under the Act.

Brent Merritt, Plant Manager	
(Digital signature on file)	