Appendix C

APPENDIX C

Soil and Groundwater Risk Based Screening Results

HALEY & ALDRICH

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-03	INORG	Aluminum	7429-90-5	D	3	3	2.21E+03	7.42E+03					3.7E+05		7.4E+03			8.1E-05	
AOI-03	INORG	Antimony	7440-36-0		3				2.40E-01	2.60E-01		5.9E+03	6.7E+02		8.0E-01				
AOI-03	INORG	Arsenic	7440-38-2	A	3	3	4.50E+00	7.20E+00				9.1E+02	3.7E+01		6.8E+00		4.4E-04	1.1E-02	
AOI-03	INORG	Barium	7440-39-3	D	3	3	1.16E+01	4.62E+01				1.5E+05	1.3E+05		6.2E+01				
AOI-03	INORG	Beryllium	7440-41-7	B1	3	3	9.90E-02	4.20E-01				5.9E+02	1.6E+03		3.1E-01		1.8E-04	6.6E-05	
AOI-03	INORG	Cadmium	7440-43-9	B1	3	2	4.40E-02	1.50E-01	1.80E-02	1.80E-02		2.2E+03	2.1E+03		1.4E+00				
AOI-03	INORG	Calcium	7440-70-2		3	3	2.02E+04	5.64E+04											
AOI-03	INORG	Chromium (total)	7440-47-3		3	3	5.00E+00	1.23E+01				2.4E+02	9.2E+03		1.8E+01				
AOI-03	INORG	Cobalt	7440-48-4	B1	3	3	2.40E+00	6.10E+00				5.9E+03	9.0E+03		5.8E+00		4.7E-05	3.1E-05	
AOI-03	INORG	Copper	7440-50-8	D	3	3	1.07E+01	1.31E+01				5.9E+04	7.3E+04		5.9E+01				
AOI-03	INORG	Cyanide (total)	57-12-5	D	3				9.30E-02	1.00E-01		2.5E+02	2.5E+02						
AOI-03	INORG	Iron	7439-89-6	D	3	3	6.06E+03	1.67E+04					5.8E+05		1.5E+04			2.1E-03	
AOI-03	INORG	Lead	7439-92-1	B2	3	3	5.70E+00	7.10E+00				4.4E+04	9.0E+02		6.8E+01				
AOI-03	INORG	Magnesium	7439-95-4		3	3	5.71E+03	1.75E+04				2.9E+06	1.0E+06				6.0E-03	1.8E-02	
AOI-03	INORG	Manganese	7439-96-5	D	3	3	1.52E+02	3.09E+02				1.5E+03	9.0E+04		5.2E+02				
AOI-03	INORG	Mercury	7439-97-6	D	3	2	2.10E-02	4.30E-02	1.80E-02	1.80E-02	6.2E+01	8.8E+03	5.8E+02	1.3E+04	1.9E-01				
AOI-03	INORG	Nickel	7440-02-0	A	3	3	5.80E+00	1.49E+01				1.6E+04	1.5E+05		1.5E+01				
AOI-03	INORG	Potassium	7440-09-7		3	3	2.80E+02	1.08E+03											
AOI-03	INORG	Selenium	7782-49-2	D	3	1	4.00E-01	4.00E-01	3.50E-01	3.50E-01		5.9E+04	9.6E+03		7.0E-01				
AOI-03	INORG	Silver	7440-22-4	D	3				1.10E-01	1.10E-01		2.9E+03	9.0E+03		1.0E+00				
AOI-03	INORG	Sodium	7440-23-5		3	3	7.89E+01	2.29E+02					1.0E+06					2.3E-04	
AOI-03	INORG	Thallium	7440-28-0		3				6.20E-01	6.60E-01			1.3E+02		9.3E-01				
AOI-03	INORG	Vanadium	7440-62-2		3	3	9.00E+00	2.10E+01					5.5E+03		1.8E+01			4.9E-04	
AOI-03	INORG	Zinc	7440-66-6	D	3	3	4.06E+01	1.34E+02					6.3E+05		9.0E+01			7.0E-05	
AOI-04	INORG	Aluminum	7429-90-5	D	4	4	6.80E+03	1.05E+04					3.7E+05		7.4E+03			8.4E-03	
AOI-04	INORG	Antimony	7440-36-0		4	1	3.00E-01	3.00E-01	2.60E-01	2.60E-01		5.9E+03	6.7E+02		8.0E-01				
AOI-04	INORG	Arsenic	7440-38-2	A	4	4	7.00E+00	1.05E+01				9.1E+02	3.7E+01		6.8E+00		4.1E-03	1.0E-01	
AOI-04	INORG	Barium	7440-39-3	D	4	4	4.62E+01	7.89E+01				1.5E+05	1.3E+05		6.2E+01		1.1E-04	1.3E-04	
AOI-04	INORG	Beryllium	7440-41-7	B1	4	4	2.20E-01	4.60E-01				5.9E+02	1.6E+03		3.1E-01		2.5E-04	9.1E-05	
AOI-04	INORG	Cadmium	7440-43-9	B1	4	4	2.60E-01	3.40E-01				2.2E+03	2.1E+03		1.4E+00				
AOI-04	INORG	Calcium	7440-70-2		4	4	2.10E+03	5.20E+04											
AOI-04	INORG	Chromium (total)	7440-47-3		4	4	1.17E+01	1.78E+01				2.4E+02	9.2E+03		1.8E+01				
AOI-04	INORG	Cobalt	7440-48-4	B1	4	4	6.20E+00	1.72E+01				5.9E+03	9.0E+03		5.8E+00		1.9E-03	1.3E-03	
AOI-04	INORG	Copper	7440-50-8	D	4	4	1.34E+01	1.98E+01				5.9E+04	7.3E+04		5.9E+01				
AOI-04	INORG	Cyanide (total)	57-12-5	D	4				1.00E-01	1.00E-01		2.5E+02	2.5E+02						
AOI-04	INORG	Iron	7439-89-6	D	4	4	1.64E+04	2.51E+04					5.8E+05		1.5E+04			1.7E-02	
AOI-04	INORG	Lead	7439-92-1	B2	4	4	6.70E+00	3.71E+01				4.4E+04	9.0E+02		6.8E+01				
AOI-04	INORG	Magnesium	7439-95-4		4	4	2.91E+03	1.75E+04				2.9E+06	1.0E+06				6.0E-03	1.8E-02	
AOI-04	INORG	Manganese	7439-96-5	D	4	4	2.85E+02	8.69E+02				1.5E+03	9.0E+04		5.2E+02		2.3E-01	3.9E-03	
AOI-04	INORG	Mercury	7439-97-6	D	4	1	2.40E-02	2.40E-02	1.80E-02	1.90E-02	6.2E+01	8.8E+03	5.8E+02	1.3E+04	1.9E-01				
AOI-04	INORG	Nickel	7440-02-0	A	4	4	1.47E+01	2.36E+01				1.6E+04	1.5E+05		1.5E+01		5.2E-04	5.5E-05	
AOI-04	INORG	Potassium	7440-09-7		4	4	9.21E+02	1.19E+03											
AOI-04	INORG	Selenium	7782-49-2	D	4	3	5.20E-01	7.10E-01	3.60E-01	3.60E-01		5.9E+04	9.6E+03		7.0E-01		1.7E-07	1.0E-06	
AOI-04	INORG	Silver	7440-22-4	D	4				1.10E-01	1.20E-01		2.9E+03	9.0E+03		1.0E+00				
AOI-04	INORG	Sodium	7440-23-5		4	4	1.08E+02	1.26E+02					1.0E+06					1.3E-04	
AOI-04	INORG	Thallium	7440-28-0		4	1	1.10E+00	1.10E+00	6.60E-01	6.90E-01			1.3E+02		9.3E-01			1.3E-03	
AOI-04	INORG	Vanadium	7440-62-2		4	4	1.92E+01	2.89E+01					5.5E+03		1.8E+01			1.9E-03	
AOI-04	INORG	Zinc	7440-66-6	D	4	4	4.28E+01	5.65E+01					6.3E+05		9.0E+01				
AOI-08	INORG	Aluminum	7429-90-5	D	4	4	1.70E+03	5.86E+03					3.7E+05		7.4E+03				
AOI-08	INORG	Antimony	7440-36-0		4				2.40E-01	2.90E-01		5.9E+03	6.7E+02		8.0E-01				
AOI-08	INORG	Arsenic	7440-38-2	A	4	4	2.50E+00	4.10E+00				9.1E+02	3.7E+01		6.8E+00				
AOI-08	INORG	Barium	7440-39-3	D	4	4	7.00E+00	5.21E+01				1.5E+05	1.3E+05		6.2E+01				
AOI-08	INORG	Beryllium	7440-41-7	B1	4	4	9.50E-02	3.20E-01				5.9E+02	1.6E+03		3.1E-01		9.4E-06	3.5E-06	
AOI-08	INORG	Cadmium	7440-43-9	B1	4	4	3.70E-02	7.50E-02				2.2E+03	2.1E+03		1.4E+00				
AOI-08	INORG	Calcium	7440-70-2		4	4	5.07E+02	4.58E+04											
AOI-08	INORG	Chromium III	16065-83-1	D	4	4	3.90E+00	5.77E+01				1.5E+05	1.0E+06				3.8E-04	5.8E-05	
AOI-08	INORG	Chromium VI	18540-29-9	A	4	3	2.50E-01	1.06E+01	2.10E-01	2.10E-01		2.4E+02	9.2E+03				4.4E-02	1.2E-03	
AOI-08	INORG	Cobalt	7440-48-4	B1	4	4	2.10E+00	4.60E+00				5.9E+03	9.0E+03		5.8E+00				

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-08	INORG	Copper	7440-50-8	D	4	4	3.80E+00	9.70E+00				5.9E+04	7.3E+04		5.9E+01				
AOI-08	INORG	Cyanide (total)	57-12-5	D	4				9.30E-02	1.10E-01		2.5E+02	2.5E+02						
AOI-08	INORG	Iron	7439-89-6	D	4	4	4.63E+03	1.08E+04					5.8E+05		1.5E+04				
AOI-08	INORG	Lead	7439-92-1	B2	4	4	3.20E+00	6.80E+00				4.4E+04	9.0E+02		6.8E+01				
AOI-08	INORG	Magnesium	7439-95-4		4	4	6.48E+02	1.77E+04				2.9E+06	1.0E+06				6.1E-03	1.8E-02	
AOI-08	INORG	Manganese	7439-96-5	D	4	4	9.19E+01	2.22E+02				1.5E+03	9.0E+04		5.2E+02				
AOI-08	INORG	Mercury	7439-97-6	D	4				1.70E-02	2.00E-02	6.2E+01	8.8E+03	5.8E+02	1.3E+04	1.9E-01				
AOI-08	INORG	Nickel	7440-02-0	A	4	4	4.70E+00	1.05E+01				1.6E+04	1.5E+05		1.5E+01				
AOI-08	INORG	Potassium	7440-09-7		4	4	1.51E+02	9.12E+02											
AOI-08	INORG	Selenium	7782-49-2	D	4				3.30E-01	3.90E-01		5.9E+04	9.6E+03		7.0E-01				
AOI-08	INORG	Silver	7440-22-4	D	4				1.10E-01	1.20E-01		2.9E+03	9.0E+03		1.0E+00				
AOI-08	INORG	Sodium	7440-23-5		4	1	6.51E+01	6.51E+01	4.22E+01	4.98E+01			1.0E+06					6.5E-05	
AOI-08	INORG	Thallium	7440-28-0		4				6.10E-01	7.20E-01			1.3E+02		9.3E-01				
AOI-08	INORG	Vanadium	7440-62-2		4	4	5.90E+00	1.36E+01					5.5E+03		1.8E+01				
AOI-08	INORG	Zinc	7440-66-6	D	4	1	6.38E+01	6.38E+01	1.60E+00	1.90E+00			6.3E+05		9.0E+01				
AOI-09	INORG	Aluminum	7429-90-5	D	18	18	1.07E+03	1.24E+04					3.7E+05		7.4E+03			1.4E-02	
AOI-09	INORG	Antimony	7440-36-0		18	4	2.90E-01	3.90E-01	2.30E-01	2.80E-01		5.9E+03	6.7E+02		8.0E-01				
AOI-09	INORG	Arsenic	7440-38-2	A	18	18	1.20E+00	1.30E+01				9.1E+02	3.7E+01		6.8E+00		6.8E-03	1.7E-01	
AOI-09	INORG	Barium	7440-39-3	D	18	18	5.40E+00	1.12E+02				1.5E+05	1.3E+05		6.2E+01		3.3E-04	3.8E-04	
AOI-09	INORG	Beryllium	7440-41-7	B1	18	17	1.10E-01	7.60E-01	8.10E-02	8.10E-02		5.9E+02	1.6E+03		3.1E-01		7.6E-04	2.8E-04	
AOI-09	INORG	Cadmium	7440-43-9	B1	18	16	3.20E-02	6.20E-01	1.60E-02	1.90E-02		2.2E+03	2.1E+03		1.4E+00				
AOI-09	INORG	Calcium	7440-70-2		18	18	2.03E+03	1.03E+05											
AOI-09	INORG	Chromium (total)	7440-47-3		10	10	2.40E+00	1.92E+02				2.4E+02	9.2E+03		1.8E+01		7.3E-01	1.9E-02	
AOI-09	INORG	Chromium III	16065-83-1	D	8	8	1.07E+01	3.22E+01				1.5E+05	1.0E+06				2.1E-04	3.2E-05	
AOI-09	INORG	Chromium VI	18540-29-9	A	8	6	1.10E-01	1.40E+00	1.00E-01	1.00E-01		2.4E+02	9.2E+03				5.8E-03	1.5E-04	
AOI-09	INORG	Cobalt	7440-48-4	B1	18	18	1.10E+00	1.85E+01				5.9E+03	9.0E+03		5.8E+00		2.1E-03	1.4E-03	
AOI-09	INORG	Copper	7440-50-8	D	18	18	8.10E+00	3.28E+02				5.9E+04	7.3E+04		5.9E+01		4.6E-03	3.7E-03	
AOI-09	INORG	Cyanide (total)	57-12-5	D	18	7	2.20E-01	3.90E+00	1.00E-01	1.10E-01		2.5E+02	2.5E+02				1.6E-02	1.6E-02	
AOI-09	INORG	Iron	7439-89-6	D	18	18	2.81E+03	2.96E+04					5.8E+05		1.5E+04			2.4E-02	
AOI-09	INORG	Lead	7439-92-1	B2	18	16	2.90E+00	3.27E+01	2.30E-01	2.30E-01		4.4E+04	9.0E+02		6.8E+01				
AOI-09	INORG	Magnesium	7439-95-4		18	18	2.67E+03	2.04E+04				2.9E+06	1.0E+06				7.0E-03	2.0E-02	
AOI-09	INORG	Manganese	7439-96-5	D	18	18	7.87E+01	1.57E+03				1.5E+03	9.0E+04		5.2E+02		7.0E-01	1.2E-02	
AOI-09	INORG	Mercury	7439-97-6	D	18	9	1.90E-02	3.50E-02	1.80E-02	2.00E-02	6.2E+01	8.8E+03	5.8E+02	1.3E+04	1.9E-01				
AOI-09	INORG	Nickel	7440-02-0	A	18	18	2.70E+00	6.17E+01				1.6E+04	1.5E+05		1.5E+01		2.9E-03	3.1E-04	
AOI-09	INORG	Potassium	7440-09-7		18	18	1.99E+02	2.01E+03											
AOI-09	INORG	Selenium	7782-49-2	D	18	8	3.70E-01	1.00E+00	3.10E-01	3.80E-01		5.9E+04	9.6E+03		7.0E-01		5.1E-06	3.1E-05	
AOI-09	INORG	Silver	7440-22-4	D	18				1.00E-01	1.20E-01		2.9E+03	9.0E+03		1.0E+00				
AOI-09	INORG	Sodium	7440-23-5		18	17	4.93E+01	1.80E+03	4.90E+01	4.90E+01			1.0E+06					1.8E-03	
AOI-09	INORG	Thallium	7440-28-0		18	5	7.20E-01	1.20E+00	5.80E-01	7.20E-01			1.3E+02		9.3E-01			2.1E-03	
AOI-09	INORG	Vanadium	7440-62-2		18	18	4.20E+00	3.02E+01					5.5E+03		1.8E+01			2.2E-03	
AOI-09	INORG	Zinc	7440-66-6	D	18	18	8.10E+00	9.65E+01					6.3E+05		9.0E+01			1.1E-05	
AOI-11	VOC	Acetone	67-64-1	ID	5				5.20E-02	4.70E-01	1.6E+05	1.7E+08	7.3E+04	1.2E+07					
AOI-11	VOC	Benzene	71-43-2	A	36	10	2.00E-02	6.80E+00	2.00E-03	1.20E-01	4.5E+01	4.7E+05	4.0E+02	4.1E+02		1.5E-01	1.4E-05	1.7E-02	1.7E-02
AOI-11	VOC	Bromodichloromethane	75-27-4	B2	5				8.90E-03	8.00E-02	3.1E+01	1.1E+05	4.9E+02						
AOI-11	VOC	Bromoform	75-25-2	B2	5				1.20E-02	1.10E-01	3.1E+03	3.6E+06	8.7E+02	9.6E+03					
AOI-11	VOC	Bromomethane	74-83-9	D	5				4.60E-02	4.10E-01	1.3E+01	1.5E+05	1.0E+03	2.5E+02					
AOI-11	VOC	2-Butanone	78-93-3	ID	5				5.70E-02	5.00E-01	3.5E+04	2.9E+07	2.7E+04	3.0E+06					
AOI-11	VOC	Carbon Disulfide	75-15-0		5				4.90E-03	4.40E-02	1.6E+03	2.1E+07	2.8E+02	3.5E+02					
AOI-11	VOC	Carbon Tetrachloride	56-23-5	B2	5				1.50E-02	1.40E-01	1.2E+01	1.7E+05	3.9E+02	7.2E+02					
AOI-11	VOC	Chlorobenzene	108-90-7	D	5				6.30E-03	5.60E-02	9.2E+02	2.1E+06	2.6E+02	1.7E+05					
AOI-11	VOC	Chloroethane	75-00-3		5				5.10E-02	4.60E-01	3.6E+04	2.9E+08	9.5E+02	1.3E+05					
AOI-11	VOC	Chloroform	67-66-3	B2	5				1.30E-02	1.20E-01	1.5E+02	1.6E+06	1.5E+03	1.5E+03					
AOI-11	VOC	Chloromethane	74-87-3	D	5				1.50E-02	1.40E-01	1.2E+02	2.6E+06	1.1E+03	4.7E+03					
AOI-11	VOC	Cumene	98-82-8	D	5	2	1.60E-02	3.00E+00	9.20E-03	1.00E-02	2.0E+03	2.6E+06	3.9E+02	7.3E+03		1.5E-03	1.2E-06	7.7E-03	4.1E-04
AOI-11	VOC	Cyclohexane	110-82-7	ID	5	2	1.30E-01	1.00E+01	6.70E-03	7.60E-03									
AOI-11	VOC	1,2-Dibromo-3-chloropropane	96-12-8	B2	5				2.50E-02	2.20E-01	1.5E+01	5.9E+03	1.2E+00						
AOI-11	VOC	Dibromochloromethane	124-48-1	C	5				1.20E-02	1.10E-01	8.0E+01	1.6E+05	5.0E+02						
AOI-11	VOC	1,2-Dibromoethane	106-93-4	B2	5				8.30E-03	7.40E-02	5.8E+00	1.8E+04	4.3E-01						

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-11	VOC	1,2-Dichlorobenzene	95-50-1	D	5				7.50E-03	6.70E-02	4.6E+04	4.4E+07	2.1E+02	3.5E+05					
AOI-11	VOC	1,3-Dichlorobenzene	541-73-1	D	5				9.00E-03	8.10E-02			1.7E+02						
AOI-11	VOC	1,4-Dichlorobenzene	106-46-7	C	5				9.40E-03	8.30E-02	2.6E+02	5.7E+05	1.9E+03	8.2E+05					
AOI-11	VOC	Dichlorodifluoromethane	75-71-8		5				2.50E-02	2.20E-01	6.3E+04	1.5E+09	1.0E+03	6.7E+04					
AOI-11	VOC	1,1-Dichloroethane	75-34-3	C	5				1.20E-02	1.10E-01	2.5E+03	1.5E+07	8.9E+02	3.8E+04					
AOI-11	VOC	1,2-Dichloroethane	107-06-2	B2	5				1.40E-02	1.30E-01	2.1E+01	1.5E+05	4.2E+02	1.6E+03					
AOI-11	VOC	1,1-Dichloroethene	75-35-4	C	5				8.60E-03	7.70E-02	3.7E+00	7.8E+04	5.7E+02	7.0E+02					
AOI-11	VOC	cis-1,2-Dichloroethene	156-59-2	D	5				8.50E-03	7.60E-02	2.1E+02	1.0E+06	6.4E+02	1.1E+05					
AOI-11	VOC	trans-1,2-Dichloroethene	156-60-5		5				1.10E-02	9.70E-02	3.3E+02	2.1E+06	1.4E+03	6.1E+04					
AOI-11	VOC	1,2-Dichloropropane	78-87-5	B2	5				1.00E-02	9.10E-02	3.0E+01	1.2E+05	5.5E+02	7.3E+04					
AOI-11	VOC	1,3-Dichloropropene (total)	542-75-6	B2	5				8.40E-03	7.50E-02	6.0E+01	5.9E+05	2.4E+02	2.2E+02					
AOI-11	VOC	Ethyl Benzene	100-41-4	D	36	16	1.50E-02	1.60E+01	2.00E-03	1.00E-02	2.4E+03	1.3E+07	1.4E+02	1.5E+05		6.7E-03	1.2E-06	1.1E-01	1.0E-04
AOI-11	VOC	2-Hexanone	591-78-6		5				1.70E-02	1.60E-01	1.3E+03	1.2E+06	2.5E+03						
AOI-11	VOC	Methyl Acetate	79-20-9		5				2.60E-02	2.30E-01				2.0E+06					
AOI-11	VOC	Methyl tert-butyl ether	1634-04-4		12	1	1.00E-01	1.00E-01	8.90E-03	8.00E-02	3.0E+04	8.8E+07	5.9E+03			3.3E-06	1.1E-09	1.7E-05	
AOI-11	VOC	4-Methyl-2-pentanone	108-10-1	ID	5				2.60E-02	2.30E-01	5.3E+04	6.0E+07	2.7E+03	1.0E+06					
AOI-11	VOC	Methylcyclohexane	108-87-2		5	4	1.60E-02	2.30E+01	9.70E-03	9.70E-03									
AOI-11	VOC	Methylene Chloride	75-09-2	B2	5	3	5.80E-02	8.40E-02	1.70E-02	1.60E-01	7.0E+02	8.3E+06	2.3E+03	1.5E+04		1.2E-04	1.0E-08	3.7E-05	5.8E-06
AOI-11	VOC	Styrene	100-42-5		5				7.80E-03	7.00E-02	3.3E+03	6.9E+06	5.2E+02	4.3E+05					
AOI-11	VOC	1,1,2,2-Tetrachloroethane	79-34-5	C	5				1.10E-02	9.70E-02	3.4E+01	6.8E+04	2.4E+02	1.8E+04					
AOI-11	VOC	Tetrachloroethene	127-18-4	C-B2	5				1.20E-02	1.10E-01	6.0E+02	6.8E+06	8.8E+01	1.4E+04					
AOI-11	VOC	Toluene	108-88-3	D	36	16	6.00E-03	3.50E+01	2.00E-03	1.00E-02	3.3E+03	1.2E+07	2.5E+02	8.7E+04		1.1E-02	2.9E-06	1.4E-01	4.0E-04
AOI-11	VOC	1,2,4-Trichlorobenzene	120-82-1	D	5				1.20E-02	1.10E-01	3.4E+04	1.1E+07	1.1E+03						
AOI-11	VOC	1,1,1-Trichloroethane	71-55-6	D	5				9.70E-03	8.60E-02	4.5E+03	2.9E+07	4.6E+02	1.3E+05					
AOI-11	VOC	1,1,2-Trichloroethane	79-00-5	C	5				8.60E-03	7.70E-02	5.7E+01	2.5E+05	8.4E+02	3.0E+04					
AOI-11	VOC	Trichloroethene	79-01-6	C-B2	5				9.50E-03	8.40E-02	2.6E+02	2.3E+06	5.0E+02	3.9E+04					
AOI-11	VOC	Trichlorofluoromethane	75-69-4		5				9.60E-03	8.50E-02	1.1E+05	1.7E+09	5.6E+02	1.3E+05					
AOI-11	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		5				3.20E-02	2.80E-01	2.1E+05	2.3E+09	5.5E+02	2.2E+05					
AOI-11	VOC	Vinyl Chloride	75-01-4	A	5				1.20E-02	1.10E-01	2.9E+01	8.9E+05	3.4E+01	6.1E+01					
AOI-11	VOC	Xylenes (total)	1330-20-7	ID	36	19	1.30E-02	1.40E+02	2.00E-03	2.30E-02	5.4E+04	1.3E+08	1.5E+02	1.9E+05		2.6E-03	1.1E-06	9.3E-01	7.5E-04
AOI-11	SVOC	Acenaphthene	83-32-9		5				2.00E-02	4.60E-01	9.7E+04	6.2E+06	1.3E+05						
AOI-11	SVOC	Acenaphthylene	208-96-8	D	5				2.00E-02	4.60E-01	2.7E+03	1.0E+06	5.2E+03						
AOI-11	SVOC	Acetophenone	98-86-2	D	5				1.90E-02	4.40E-01	5.2E+04	1.4E+07	1.1E+03	2.5E+06					
AOI-11	SVOC	Anthracene	120-12-7	D	5				1.90E-02	4.40E-01	1.6E+06	2.9E+07	7.3E+05						
AOI-11	SVOC	Atrazine	1912-24-9	C	5				1.90E-02	4.40E-01			3.3E+02	6.5E+08					
AOI-11	SVOC	Benzaldehyde	100-52-7		5				2.30E-02	5.10E-01									
AOI-11	SVOC	Benzo(a)anthracene	56-55-3	B2	5				1.80E-02	4.10E-01			8.0E+01						
AOI-11	SVOC	Benzo(a)pyrene	50-32-8	B2	5	1	2.10E-02	2.10E-02	1.90E-02	4.40E-01		1.9E+03	8.0E+00				1.1E-05	2.6E-03	
AOI-11	SVOC	Benzo(b)fluoranthene	205-99-2	B2	5	1	2.60E-02	2.60E-02	2.20E-02	4.90E-01			8.0E+01					3.3E-04	
AOI-11	SVOC	Benzo(g,h,i)perylene	191-24-2	D	5				2.40E-02	5.30E-01		3.5E+05	7.0E+03						
AOI-11	SVOC	Benzo(k)fluoranthene	207-08-9	B2	5				1.90E-02	4.40E-01			8.0E+02						
AOI-11	SVOC	Biphenyl	92-52-4	D	5				2.30E-02	5.10E-01									
AOI-11	SVOC	bis(2-Chloroethoxy)methane	111-91-1	D	5				1.80E-02	4.10E-01									
AOI-11	SVOC	bis(2-Chloroethyl) ether	111-44-4	B2	5				1.90E-02	4.40E-01	1.3E+01	1.2E+04	5.8E+01	6.1E+05					
AOI-11	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	5				2.40E-02	5.30E-01		8.9E+05	1.0E+04	4.8E+12					
AOI-11	SVOC	4-Bromophenyl-phenyl ether	101-55-3	D	5				2.00E-02	4.60E-01									
AOI-11	SVOC	Butylbenzylphthalate	85-68-7	C	5				1.80E-02	4.10E-01		2.1E+07	3.1E+02						
AOI-11	SVOC	Caprolactam	105-60-2		5				2.30E-02	5.10E-01		2.9E+05	3.1E+05						
AOI-11	SVOC	Carbazole	86-74-8	B2	5				2.40E-02	5.30E-01			2.4E+03						
AOI-11	SVOC	4-Chloro-3-methylphenol	59-50-7		5				1.90E-02	4.40E-01			1.5E+04						
AOI-11	SVOC	4-Chloroaniline	106-47-8		5				6.60E-03	1.50E-01									
AOI-11	SVOC	2-Chloronaphthalene	91-58-7		5				2.00E-02	4.60E-01			1.8E+05						
AOI-11	SVOC	2-Chlorophenol	95-57-8		5				1.90E-02	4.40E-01			4.5E+03						
AOI-11	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3		5				2.00E-02	4.60E-01									
AOI-11	SVOC	Chrysene	218-01-9	B2	5				1.80E-02	4.10E-01			8.0E+03						
AOI-11	SVOC	Dibenz(a,h)anthracene	53-70-3	B2	5				2.30E-02	5.10E-01			8.0E+00						
AOI-11	SVOC	Dibenzofuran	132-64-9	D	5				2.00E-02	4.60E-01									
AOI-11	SVOC	3,3'-Dichlorobenzidine	91-94-1	B2	5				1.00E-02	2.30E-01		8.2E+03	3.0E+01						

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-11	SVOC	2,4-Dichlorophenol	120-83-2		5				1.70E-02	3.90E-01		2.3E+06	1.8E+03						
AOI-11	SVOC	Diethylphthalate	84-66-2	D	5				2.10E-02	4.90E-01		1.5E+06	7.4E+02	2.4E+07					
AOI-11	SVOC	2,4-Dimethylphenol	105-67-9		5				3.40E-02	7.80E-01		2.1E+06	3.6E+04						
AOI-11	SVOC	Dimethylphthalate	131-11-3	D	5				2.00E-02	4.60E-01		1.5E+06	7.9E+02	2.3E+07					
AOI-11	SVOC	Di-n-butylphthalate	84-74-2	D	5				2.50E-02	5.60E-01		1.5E+06	7.6E+02	9.7E+10					
AOI-11	SVOC	4,6-Dinitro-2-methylphenol	534-52-1		5				7.80E-02	1.80E+00			2.6E+02						
AOI-11	SVOC	2,4-Dinitrophenol	51-28-5		5				1.10E-01	2.40E+00									
AOI-11	SVOC	2,4-Dinitrotoluene	121-14-2	B2	5				1.90E-02	4.40E-01		2.0E+04	2.2E+02						
AOI-11	SVOC	2,6-Dinitrotoluene	606-20-2	B2	5				1.90E-02	4.40E-01									
AOI-11	SVOC	Di-n-octylphthalate	117-84-0		5				1.90E-02	4.40E-01			2.0E+04						
AOI-11	SVOC	Fluoranthene	206-44-0	D	5				2.50E-02	5.60E-01	8.9E+05	4.1E+06	1.3E+05						
AOI-11	SVOC	Fluorene	86-73-7	D	5				2.10E-02	4.90E-01	1.5E+05	4.1E+06	8.7E+04						
AOI-11	SVOC	Hexachlorobenzene	118-74-1	B2	5				1.90E-02	4.40E-01	5.6E+01	8.5E+03	3.7E+01	5.7E+02					
AOI-11	SVOC	Hexachlorobutadiene	87-68-3	C	5				1.80E-02	4.10E-01	4.6E+02	1.8E+05	3.5E+02	8.9E+02					
AOI-11	SVOC	Hexachlorocyclopentadiene	77-47-4	E	5				1.60E-02	3.60E-01	6.0E+01	5.9E+03	7.2E+02	5.8E+03					
AOI-11	SVOC	Hexachloroethane	67-72-1	C	5				1.90E-02	4.40E-01	6.6E+02	1.0E+05	7.3E+02	7.5E+04					
AOI-11	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	5				2.40E-02	5.30E-01			8.0E+01						
AOI-11	SVOC	Isophorone	78-59-1	C	5				2.00E-02	4.60E-01		8.2E+06	2.4E+03	2.0E+06					
AOI-11	SVOC	2-Methylnaphthalene	91-57-6	ID	5	1	2.70E+01	2.70E+01	1.90E-02	2.20E-02			2.6E+04					1.0E-03	
AOI-11	SVOC	Methylphenol (total)	1319-77-3		5				1.60E-02	3.60E-01		2.9E+06	3.6E+04	2.1E+07					
AOI-11	SVOC	Naphthalene	91-20-3	C	5	1	3.00E+01	3.00E+01	2.00E-02	2.30E-02	3.5E+02	8.8E+04	5.2E+04	1.4E+06		8.6E-02	3.4E-04	5.8E-04	2.1E-05
AOI-11	SVOC	2-Nitroaniline	88-74-4		5				2.00E-02	4.60E-01									
AOI-11	SVOC	3-Nitroaniline	99-09-2	C	5				1.30E-02	2.90E-01									
AOI-11	SVOC	4-Nitroaniline	100-01-6	C	5				1.90E-02	4.40E-01				7.7E+07					
AOI-11	SVOC	Nitrobenzene	98-95-3	D	5				1.90E-02	4.40E-01	6.4E+01	2.1E+04	3.4E+02	1.5E+05					
AOI-11	SVOC	2-Nitrophenol	88-75-5		5				1.70E-02	3.90E-01			2.0E+03						
AOI-11	SVOC	4-Nitrophenol	100-02-7		5				1.20E-01	2.70E+00									
AOI-11	SVOC	N-Nitrosodiphenylamine	86-30-6	B2	5				2.10E-02	4.90E-01			7.8E+03						
AOI-11	SVOC	N-Nitroso-di-n-propylamine	621-64-7	B2	5				2.00E-02	4.60E-01		2.0E+03	5.4E+00						
AOI-11	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	C	5				2.00E-02	4.60E-01									
AOI-11	SVOC	Pentachlorophenol	87-86-5	B2	5				9.30E-02	2.10E+00		1.3E+05	3.2E+02	7.8E+07					
AOI-11	SVOC	Phenanthrene	85-01-8	D	5				2.10E-02	4.90E-01	1.9E+02	2.9E+03	5.2E+03						
AOI-11	SVOC	Phenol	108-95-2	ID	5				1.90E-02	4.40E-01		1.8E+07	1.2E+04	2.1E+07					
AOI-11	SVOC	Pyrene	129-00-0	D	5				1.80E-02	4.10E-01	7.8E+05	2.9E+06	8.4E+04						
AOI-11	SVOC	2,4,5-Trichlorophenol	95-95-4		5				2.30E-02	5.10E-01		1.0E+07	7.3E+04						
AOI-11	SVOC	2,4,6-Trichlorophenol	88-06-2	B2	5				1.80E-02	4.10E-01		1.3E+06	3.3E+03						
AOI-11	INORG	Lead	7439-92-1	B2	5	5	4.40E+00	2.72E+01				4.4E+04	9.0E+02		6.8E+01				
AOI-13	VOC	Acetone	67-64-1	ID	6				5.40E-02	5.80E-02	1.6E+05	1.7E+08	7.3E+04	1.2E+07					
AOI-13	VOC	Benzene	71-43-2	A	23	1	5.20E-02	5.20E-02	7.80E-03	2.00E-02	4.5E+01	4.7E+05	4.0E+02	4.1E+02		1.2E-03	1.1E-07	1.3E-04	1.3E-04
AOI-13	VOC	Bromodichloromethane	75-27-4	B2	6				9.20E-03	9.90E-03	3.1E+01	1.1E+05	4.9E+02						
AOI-13	VOC	Bromoform	75-25-2	B2	6				1.20E-02	1.30E-02	3.1E+03	3.6E+06	8.7E+02	9.6E+03					
AOI-13	VOC	Bromomethane	74-83-9	D	6				4.70E-02	5.10E-02	1.3E+01	1.5E+05	1.0E+03	2.5E+02					
AOI-13	VOC	2-Butanone	78-93-3	ID	6				5.80E-02	6.30E-02	3.5E+04	2.9E+07	2.7E+04	3.0E+06					
AOI-13	VOC	Carbon Disulfide	75-15-0		6				5.10E-03	5.50E-03	1.6E+03	2.1E+07	2.8E+02	3.5E+02					
AOI-13	VOC	Carbon Tetrachloride	56-23-5	B2	6				1.60E-02	1.70E-02	1.2E+01	1.7E+05	3.9E+02	7.2E+02					
AOI-13	VOC	Chlorobenzene	108-90-7	D	6				6.50E-03	7.00E-03	9.2E+02	2.1E+06	2.6E+02	1.7E+05					
AOI-13	VOC	Chloroethane	75-00-3		6				5.30E-02	5.70E-02	3.6E+04	2.9E+08	9.5E+02	1.3E+05					
AOI-13	VOC	Chloroform	67-66-3	B2	6				1.30E-02	1.50E-02	1.5E+02	1.6E+06	1.5E+03	1.5E+03					
AOI-13	VOC	Chloromethane	74-87-3	D	6				1.60E-02	1.70E-02	1.2E+02	2.6E+06	1.1E+03	4.7E+03					
AOI-13	VOC	Cumene	98-82-8	D	6	2	1.30E-02	2.10E-02	9.60E-03	1.00E-02	2.0E+03	2.6E+06	3.9E+02	7.3E+03		1.1E-05	8.1E-09	5.4E-05	2.9E-06
AOI-13	VOC	Cyclohexane	110-82-7	ID	6	2	2.10E-02	5.30E-02	7.00E-03	7.50E-03									
AOI-13	VOC	1,2-Dibromo-3-chloropropane	96-12-8	B2	6				2.60E-02	2.80E-02	1.5E+01	5.9E+03	1.2E+00						
AOI-13	VOC	Dibromochloromethane	124-48-1	C	6				1.20E-02	1.30E-02	8.0E+01	1.6E+05	5.0E+02						
AOI-13	VOC	1,2-Dibromoethane	106-93-4	B2	6				8.50E-03	9.20E-03	5.8E+00	1.8E+04	4.3E-01						
AOI-13	VOC	1,2-Dichlorobenzene	95-50-1	D	6				7.80E-03	8.40E-03	4.6E+04	4.4E+07	2.1E+02	3.5E+05					
AOI-13	VOC	1,3-Dichlorobenzene	541-73-1	D	6				9.30E-03	1.00E-02			1.7E+02						
AOI-13	VOC	1,4-Dichlorobenzene	106-46-7	C	6				9.70E-03	1.00E-02	2.6E+02	5.7E+05	1.9E+03	8.2E+05					
AOI-13	VOC	Dichlorodifluoromethane	75-71-8		6				2.60E-02	2.80E-02	6.3E+04	1.5E+09	1.0E+03	6.7E+04					

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-13	VOC	1,1-Dichloroethane	75-34-3	C	6				1.20E-02	1.30E-02	2.5E+03	1.5E+07	8.9E+02	3.8E+04					
AOI-13	VOC	1,2-Dichloroethane	107-06-2	B2	6				1.50E-02	1.60E-02	2.1E+01	1.5E+05	4.2E+02	1.6E+03					
AOI-13	VOC	1,1-Dichloroethene	75-35-4	C	6				8.90E-03	9.60E-03	3.7E+00	7.8E+04	5.7E+02	7.0E+02					
AOI-13	VOC	cis-1,2-Dichloroethene	156-59-2	D	6	3	3.90E-02	7.20E-01	8.80E-03	8.90E-03	2.1E+02	1.0E+06	6.4E+02	1.1E+05		3.4E-03	7.2E-07	1.1E-03	6.7E-06
AOI-13	VOC	trans-1,2-Dichloroethene	156-60-5		6				1.10E-02	1.20E-02	3.3E+02	2.1E+06	1.4E+03	6.1E+04					
AOI-13	VOC	1,2-Dichloropropane	78-87-5	B2	6				1.10E-02	1.10E-02	3.0E+01	1.2E+05	5.5E+02	7.3E+04					
AOI-13	VOC	1,3-Dichloropropene (total)	542-75-6	B2	6				8.70E-03	9.30E-03	6.0E+01	5.9E+05	2.4E+02	2.2E+02					
AOI-13	VOC	Ethyl Benzene	100-41-4	D	23	6	1.20E-02	8.40E-02	7.30E-03	5.00E-02	2.4E+03	1.3E+07	1.4E+02	1.5E+05		3.5E-05	6.5E-09	6.0E-04	5.5E-07
AOI-13	VOC	2-Hexanone	591-78-6		6				1.80E-02	1.90E-02	1.3E+03	1.2E+06	2.5E+03						
AOI-13	VOC	Methyl Acetate	79-20-9		6	1	4.10E-02	4.10E-02	2.70E-02	2.90E-02				2.0E+06					2.0E-08
AOI-13	VOC	Methyl tert-butyl ether	1634-04-4		6				9.20E-03	9.90E-03	3.0E+04	8.8E+07	5.9E+03						
AOI-13	VOC	4-Methyl-2-pentanone	108-10-1	ID	6				2.70E-02	2.90E-02	5.3E+04	6.0E+07	2.7E+03	1.0E+06					
AOI-13	VOC	Methylcyclohexane	108-87-2		6	3	1.70E-02	2.60E-01	1.00E-02	1.10E-02									
AOI-13	VOC	Methylene Chloride	75-09-2	B2	6				1.80E-02	1.90E-02	7.0E+02	8.3E+06	2.3E+03	1.5E+04					
AOI-13	VOC	Styrene	100-42-5		6				8.10E-03	8.70E-03	3.3E+03	6.9E+06	5.2E+02	4.3E+05					
AOI-13	VOC	1,1,2,2-Tetrachloroethane	79-34-5	C	6				1.10E-02	1.20E-02	3.4E+01	6.8E+04	2.4E+02	1.8E+04					
AOI-13	VOC	Tetrachloroethene	127-18-4	C-B2	6	1	2.60E-02	2.60E-02	1.20E-02	1.30E-02	6.0E+02	6.8E+06	8.8E+01	1.4E+04		4.3E-05	3.8E-09	3.0E-04	1.9E-06
AOI-13	VOC	Toluene	108-88-3	D	23	6	1.90E-02	2.90E-01	6.30E-03	1.00E-02	3.3E+03	1.2E+07	2.5E+02	8.7E+04		8.8E-05	2.4E-08	1.2E-03	3.3E-06
AOI-13	VOC	1,2,4-Trichlorobenzene	120-82-1	D	6				1.20E-02	1.30E-02	3.4E+04	1.1E+07	1.1E+03						
AOI-13	VOC	1,1,1-Trichloroethane	71-55-6	D	6				1.00E-02	1.10E-02	4.5E+03	2.9E+07	4.6E+02	1.3E+05					
AOI-13	VOC	1,1,2-Trichloroethane	79-00-5	C	6				8.90E-03	9.60E-03	5.7E+01	2.5E+05	8.4E+02	3.0E+04					
AOI-13	VOC	Trichloroethene	79-01-6	C-B2	6	3	2.60E-02	2.20E-01	9.80E-03	1.10E-02	2.6E+02	2.3E+06	5.0E+02	3.9E+04		8.5E-04	9.6E-08	4.4E-04	5.7E-06
AOI-13	VOC	Trichlorofluoromethane	75-69-4		6				9.90E-03	1.10E-02	1.1E+05	1.7E+09	5.6E+02	1.3E+05					
AOI-13	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		6				3.30E-02	3.50E-02	2.1E+05	2.3E+09	5.5E+02	2.2E+05					
AOI-13	VOC	Vinyl Chloride	75-01-4	A	6	1	1.10E-01	1.10E-01	1.20E-02	1.30E-02	2.9E+01	8.9E+05	3.4E+01	6.1E+01		3.8E-03	1.2E-07	3.2E-03	1.8E-03
AOI-13	VOC	Xylenes (total)	1330-20-7	ID	23	5	3.00E-02	1.40E-01	1.00E-02	5.00E-02	5.4E+04	1.3E+08	1.5E+02	1.9E+05		2.6E-06	1.1E-09	9.3E-04	7.5E-07
AOI-13	SVOC	Acenaphthene	83-32-9		6	1	2.40E-02	2.40E-02	1.60E-02	1.10E+00	9.7E+04	6.2E+06	1.3E+05			2.5E-07	3.9E-09	1.8E-07	
AOI-13	SVOC	Acenaphthylene	208-96-8	D	6				2.00E-02	1.10E+00	2.7E+03	1.0E+06	5.2E+03						
AOI-13	SVOC	Acetophenone	98-86-2	D	6				1.90E-02	1.10E+00	5.2E+04	1.4E+07	1.1E+03	2.5E+06					
AOI-13	SVOC	Anthracene	120-12-7	D	6	1	9.40E-02	9.40E-02	1.90E-02	1.10E+00	1.6E+06	2.9E+07	7.3E+05			5.9E-08	3.2E-09	1.3E-07	
AOI-13	SVOC	Atrazine	1912-24-9	C	6				1.90E-02	1.10E+00			3.3E+02	6.5E+08					
AOI-13	SVOC	Benzaldehyde	100-52-7		6				1.50E-02	1.30E+00									
AOI-13	SVOC	Benzo(a)anthracene	56-55-3	B2	6	1	7.10E-01	7.10E-01	1.80E-02	1.00E+00			8.0E+01					8.9E-03	
AOI-13	SVOC	Benzo(a)pyrene	50-32-8	B2	6	1	6.10E-01	6.10E-01	1.70E-02	1.10E+00		1.9E+03	8.0E+00				3.2E-04	7.6E-02	
AOI-13	SVOC	Benzo(b)fluoranthene	205-99-2	B2	6	1	6.70E-01	6.70E-01	2.10E-02	1.20E+00			8.0E+01					8.4E-03	
AOI-13	SVOC	Benzo(g,h,i)perylene	191-24-2	D	6	2	3.30E-01	3.00E+00	1.80E-02	1.20E+00		3.5E+05	7.0E+03				8.6E-06	4.3E-04	
AOI-13	SVOC	Benzo(k)fluoranthene	207-08-9	B2	6	1	3.80E-01	3.80E-01	1.80E-02	1.10E+00			8.0E+02					4.8E-04	
AOI-13	SVOC	Biphenyl	92-52-4	D	6	1	3.10E-02	3.10E-02	2.10E-02	1.30E+00									
AOI-13	SVOC	bis(2-Chloroethoxy)methane	111-91-1	D	6				1.80E-02	1.00E+00									
AOI-13	SVOC	bis(2-Chloroethyl) ether	111-44-4	B2	6				1.90E-02	1.10E+00	1.3E+01	1.2E+04	5.8E+01	6.1E+05					
AOI-13	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	6				1.40E-02	1.30E+00		8.9E+05	1.0E+04	4.8E+12					
AOI-13	SVOC	4-Bromophenyl-phenyl ether	101-55-3	D	6				1.60E-02	1.10E+00									
AOI-13	SVOC	Butylbenzylphthalate	85-68-7	C	6				1.80E-02	1.00E+00		2.1E+07	3.1E+02						
AOI-13	SVOC	Caprolactam	105-60-2		6				2.20E-02	1.30E+00		2.9E+05	3.1E+05						
AOI-13	SVOC	Carbazole	86-74-8	B2	6	1	3.00E-02	3.00E-02	2.20E-02	1.30E+00			2.4E+03					1.3E-05	
AOI-13	SVOC	4-Chloro-3-methylphenol	59-50-7		6				1.90E-02	1.10E+00			1.5E+04						
AOI-13	SVOC	4-Chloroaniline	106-47-8		6				6.40E-03	3.60E-01									
AOI-13	SVOC	2-Chloronaphthalene	91-58-7		6				1.80E-02	1.10E+00			1.8E+05						
AOI-13	SVOC	2-Chlorophenol	95-57-8		6				1.90E-02	1.10E+00			4.5E+03						
AOI-13	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3		6				1.80E-02	1.10E+00									
AOI-13	SVOC	Chrysene	218-01-9	B2	6	2	7.80E-01	1.10E+00	1.80E-02	9.60E-01			8.0E+03					1.4E-04	
AOI-13	SVOC	Dibenz(a,h)anthracene	53-70-3	B2	6	1	1.30E-01	1.30E-01	2.10E-02	1.30E+00			8.0E+00					1.6E-02	
AOI-13	SVOC	Dibenzofuran	132-64-9	D	6	1	7.00E-02	7.00E-02	1.90E-02	1.10E+00									
AOI-13	SVOC	3,3'-Dichlorobenzidine	91-94-1	B2	6				9.70E-03	5.50E-01		8.2E+03	3.0E+01						
AOI-13	SVOC	2,4-Dichlorophenol	120-83-2		6				1.70E-02	9.50E-01		2.3E+06	1.8E+03						
AOI-13	SVOC	Diethylphthalate	84-66-2	D	6				2.10E-02	1.20E+00		1.5E+06	7.4E+02	2.4E+07					
AOI-13	SVOC	2,4-Dimethylphenol	105-67-9		6				1.90E-02	1.90E+00		2.1E+06	3.6E+04						
AOI-13	SVOC	Dimethylphthalate	131-11-3	D	6				1.80E-02	1.10E+00		1.5E+06	7.9E+02	2.3E+07					

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-13	SVOC	Di-n-butylphthalate	84-74-2	D	6				2.40E-02	1.40E+00		1.5E+06	7.6E+02	9.7E+10					
AOI-13	SVOC	4,6-Dinitro-2-methylphenol	534-52-1		6				5.20E-02	4.30E+00			2.6E+02						
AOI-13	SVOC	2,4-Dinitrophenol	51-28-5		6				5.10E-02	6.00E+00									
AOI-13	SVOC	2,4-Dinitrotoluene	121-14-2	B2	6				1.90E-02	1.10E+00		2.0E+04	2.2E+02						
AOI-13	SVOC	2,6-Dinitrotoluene	606-20-2	B2	6				1.60E-02	1.10E+00									
AOI-13	SVOC	Di-n-octylphthalate	117-84-0		6				1.90E-02	1.10E+00			2.0E+04						
AOI-13	SVOC	Fluoranthene	206-44-0	D	6	1	8.50E-01	8.50E-01	1.80E-02	1.40E+00	8.9E+05	4.1E+06	1.3E+05			9.6E-07	2.1E-07	6.5E-06	
AOI-13	SVOC	Fluorene	86-73-7	D	6				1.60E-02	1.20E+00	1.5E+05	4.1E+06	8.7E+04						
AOI-13	SVOC	Hexachlorobenzene	118-74-1	B2	6				1.90E-02	1.10E+00	5.6E+01	8.5E+03	3.7E+01	5.7E+02					
AOI-13	SVOC	Hexachlorobutadiene	87-68-3	C	6				1.70E-02	1.00E+00	4.6E+02	1.8E+05	3.5E+02	8.9E+02					
AOI-13	SVOC	Hexachlorocyclopentadiene	77-47-4	E	6				1.10E-02	8.90E-01	6.0E+01	5.9E+03	7.2E+02	5.8E+03					
AOI-13	SVOC	Hexachloroethane	67-72-1	C	6				1.80E-02	1.10E+00	6.6E+02	1.0E+05	7.3E+02	7.5E+04					
AOI-13	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	6	2	3.10E-01	2.70E+00	2.20E-02	1.20E+00			8.0E+01					3.4E-02	
AOI-13	SVOC	Isophorone	78-59-1	C	6				2.00E-02	1.10E+00		8.2E+06	2.4E+03	2.0E+06					
AOI-13	SVOC	2-Methylnaphthalene	91-57-6	ID	6	1	1.80E-01	1.80E-01	1.90E-02	1.10E+00			2.6E+04					6.9E-06	
AOI-13	SVOC	Methylphenol (total)	1319-77-3		6				1.60E-02	8.90E-01		2.9E+06	3.6E+04	2.1E+07					
AOI-13	SVOC	Naphthalene	91-20-3	C	6	1	9.30E-02	9.30E-02	1.90E-02	1.10E+00	3.5E+02	8.8E+04	5.2E+04	1.4E+06		2.7E-04	1.1E-06	1.8E-06	6.5E-08
AOI-13	SVOC	2-Nitroaniline	88-74-4		6				1.40E-02	1.10E+00									
AOI-13	SVOC	3-Nitroaniline	99-09-2	C	6				1.30E-02	7.10E-01									
AOI-13	SVOC	4-Nitroaniline	100-01-6	C	6				1.80E-02	1.10E+00				7.7E+07					
AOI-13	SVOC	Nitrobenzene	98-95-3	D	6				1.90E-02	1.10E+00	6.4E+01	2.1E+04	3.4E+02	1.5E+05					
AOI-13	SVOC	2-Nitrophenol	88-75-5		6				1.70E-02	9.50E-01			2.0E+03						
AOI-13	SVOC	4-Nitrophenol	100-02-7		6				5.70E-02	6.50E+00									
AOI-13	SVOC	N-Nitrosodiphenylamine	86-30-6	B2	6				2.10E-02	1.20E+00			7.8E+03						
AOI-13	SVOC	N-Nitroso-di-n-propylamine	621-64-7	B2	6				1.60E-02	1.10E+00		2.0E+03	5.4E+00						
AOI-13	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	C	6				2.00E-02	1.10E+00									
AOI-13	SVOC	PAHs (total)	130498-29-2		9				3.30E-01	3.30E-01									
AOI-13	SVOC	Pentachlorophenol	87-86-5	B2	6				6.50E-02	5.20E+00		1.3E+05	3.2E+02	7.8E+07					
AOI-13	SVOC	Phenanthrene	85-01-8	D	6	2	4.70E-01	2.00E+00	2.10E-02	1.10E+00	1.9E+02	2.9E+03	5.2E+03			1.1E-02	6.9E-04	3.8E-04	
AOI-13	SVOC	Phenol	108-95-2	ID	6				1.90E-02	1.10E+00		1.8E+07	1.2E+04	2.1E+07					
AOI-13	SVOC	Pyrene	129-00-0	D	6	1	8.40E-01	8.40E-01	1.80E-02	1.00E+00	7.8E+05	2.9E+06	8.4E+04			1.1E-06	2.9E-07	1.0E-05	
AOI-13	SVOC	2,4,5-Trichlorophenol	95-95-4		6				1.60E-02	1.30E+00		1.0E+07	7.3E+04						
AOI-13	SVOC	2,4,6-Trichlorophenol	88-06-2	B2	6				1.80E-02	1.00E+00		1.3E+06	3.3E+03						
AOI-13	P/PCB	PCBs (total)	1336-36-3	B2	6				2.30E-02	2.60E-02	8.1E+02	6.5E+03	1.6E+01	4.0E+05					
AOI-13	INORG	Aluminum	7429-90-5	D	6	6	1.71E+03	6.19E+03					3.7E+05		7.4E+03				
AOI-13	INORG	Antimony	7440-36-0		6	4	3.00E-01	4.30E+00	2.60E-01	2.70E-01		5.9E+03	6.7E+02		8.0E-01		5.9E-04	5.2E-03	
AOI-13	INORG	Arsenic	7440-38-2	A	6	6	1.10E+00	9.80E+00				9.1E+02	3.7E+01		6.8E+00		3.3E-03	8.1E-02	
AOI-13	INORG	Barium	7440-39-3	D	6	6	1.09E+01	5.64E+02				1.5E+05	1.3E+05		6.2E+01		3.3E-03	3.9E-03	
AOI-13	INORG	Beryllium	7440-41-7	B1	6	5	1.10E-01	3.50E-01	8.10E-02	8.10E-02		5.9E+02	1.6E+03		3.1E-01		6.0E-05	2.2E-05	
AOI-13	INORG	Cadmium	7440-43-9	B1	6	4	2.10E-02	1.70E+00	1.80E-02	1.90E-02		2.2E+03	2.1E+03		1.4E+00		1.6E-04	1.6E-04	
AOI-13	INORG	Calcium	7440-70-2		6	6	3.83E+03	5.05E+04											
AOI-13	INORG	Chromium (total)	7440-47-3		6	6	3.70E+00	3.32E+01				2.4E+02	9.2E+03		1.8E+01		6.4E-02	1.7E-03	
AOI-13	INORG	Cobalt	7440-48-4	B1	6	6	1.90E+00	8.60E+00				5.9E+03	9.0E+03		5.8E+00		4.7E-04	3.1E-04	
AOI-13	INORG	Copper	7440-50-8	D	6	6	4.10E+00	3.16E+03				5.9E+04	7.3E+04		5.9E+01		5.3E-02	4.2E-02	
AOI-13	INORG	Cyanide (total)	57-12-5	D	6				9.20E-02	1.00E-01		2.5E+02	2.5E+02						
AOI-13	INORG	Iron	7439-89-6	D	6	6	4.49E+03	4.18E+04					5.8E+05		1.5E+04			4.5E-02	
AOI-13	INORG	Lead	7439-92-1	B2	11	11	2.20E+00	1.18E+03				4.4E+04	9.0E+02		6.8E+01		2.5E-02	1.2E+00	
AOI-13	INORG	Magnesium	7439-95-4		6	6	1.19E+03	1.97E+04				2.9E+06	1.0E+06				6.8E-03	2.0E-02	
AOI-13	INORG	Manganese	7439-96-5	D	6	6	9.97E+01	3.75E+02				1.5E+03	9.0E+04		5.2E+02				
AOI-13	INORG	Mercury	7439-97-6	D	6	2	2.20E-02	3.00E-01	1.70E-02	1.90E-02	6.2E+01	8.8E+03	5.8E+02	1.3E+04	1.9E-01	1.8E-03	1.2E-05	1.9E-04	8.6E-06
AOI-13	INORG	Nickel	7440-02-0	A	6	6	4.10E+00	1.15E+02				1.6E+04	1.5E+05		1.5E+01		6.2E-03	6.6E-04	
AOI-13	INORG	Potassium	7440-09-7		6	6	2.55E+02	9.79E+02											
AOI-13	INORG	Selenium	7782-49-2	D	6	1	1.10E+00	1.10E+00	3.20E-01	3.70E-01		5.9E+04	9.6E+03		7.0E-01		6.8E-06	4.2E-05	
AOI-13	INORG	Silver	7440-22-4	D	6	1	3.20E+00	3.20E+00	1.00E-01	1.20E-01		2.9E+03	9.0E+03		1.0E+00		7.6E-04	2.4E-04	
AOI-13	INORG	Sodium	7440-23-5		6	5	4.52E+01	1.49E+02	4.53E+01	4.53E+01			1.0E+06					1.5E-04	
AOI-13	INORG	Thallium	7440-28-0		6				6.10E-01	6.90E-01			1.3E+02		9.3E-01				
AOI-13	INORG	Vanadium	7440-62-2		6	6	6.80E+00	1.72E+01					5.5E+03		1.8E+01				
AOI-13	INORG	Zinc	7440-66-6	D	6	6	1.83E+01	3.89E+02					6.3E+05		9.0E+01			4.7E-04	

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-14	INORG	Aluminum	7429-90-5	D	8	8	5.22E+03	1.39E+04					3.7E+05		7.4E+03			1.8E-02	
AOI-14	INORG	Antimony	7440-36-0		8	7	3.30E-01	1.20E+00	2.80E-01	2.80E-01		5.9E+03	6.7E+02		8.0E-01		6.7E-05	5.9E-04	
AOI-14	INORG	Arsenic	7440-38-2	A	8	8	1.20E+00	1.13E+01				9.1E+02	3.7E+01		6.8E+00		4.9E-03	1.2E-01	
AOI-14	INORG	Barium	7440-39-3	D	8	8	4.20E+01	1.29E+02				1.5E+05	1.3E+05		6.2E+01		4.5E-04	5.2E-04	
AOI-14	INORG	Beryllium	7440-41-7	B1	8	8	1.40E-01	7.70E-01				5.9E+02	1.6E+03		3.1E-01		7.7E-04	2.8E-04	
AOI-14	INORG	Cadmium	7440-43-9	B1	8	8	6.80E-02	4.40E-01				2.2E+03	2.1E+03		1.4E+00				
AOI-14	INORG	Calcium	7440-70-2		8	8	6.80E+02	5.57E+04											
AOI-14	INORG	Chromium (total)	7440-47-3		8	8	8.10E+00	4.19E+01				2.4E+02	9.2E+03		1.8E+01		1.0E-01	2.6E-03	
AOI-14	INORG	Cobalt	7440-48-4	B1	8	8	1.80E+00	1.32E+01				5.9E+03	9.0E+03		5.8E+00		1.3E-03	8.2E-04	
AOI-14	INORG	Copper	7440-50-8	D	8	8	4.60E+00	8.68E+01				5.9E+04	7.3E+04		5.9E+01		4.7E-04	3.8E-04	
AOI-14	INORG	Cyanide (total)	57-12-5	D	8				1.00E-01	1.10E-01		2.5E+02	2.5E+02						
AOI-14	INORG	Iron	7439-89-6	D	8	8	6.43E+03	3.34E+04					5.8E+05		1.5E+04			3.1E-02	
AOI-14	INORG	Lead	7439-92-1	B2	8	8	5.00E+00	2.75E+02				4.4E+04	9.0E+02		6.8E+01		4.7E-03	2.3E-01	
AOI-14	INORG	Magnesium	7439-95-4		8	8	6.82E+02	1.68E+04				2.9E+06	1.0E+06				5.8E-03	1.7E-02	
AOI-14	INORG	Manganese	7439-96-5	D	8	8	3.69E+01	6.71E+02				1.5E+03	9.0E+04		5.2E+02		1.0E-01	1.7E-03	
AOI-14	INORG	Mercury	7439-97-6	D	8	3	1.90E-02	3.20E-02	1.80E-02	1.90E-02	6.2E+01	8.8E+03	5.8E+02	1.3E+04	1.9E-01				
AOI-14	INORG	Nickel	7440-02-0	A	8	8	5.90E+00	4.02E+01				1.6E+04	1.5E+05		1.5E+01		1.6E-03	1.7E-04	
AOI-14	INORG	Potassium	7440-09-7		8	8	4.23E+02	1.20E+03											
AOI-14	INORG	Selenium	7782-49-2	D	8				3.50E-01	3.70E-01		5.9E+04	9.6E+03		7.0E-01				
AOI-14	INORG	Silver	7440-22-4	D	8				1.10E-01	1.20E-01		2.9E+03	9.0E+03		1.0E+00				
AOI-14	INORG	Sodium	7440-23-5		8	8	1.74E+02	2.19E+03					1.0E+06					2.2E-03	
AOI-14	INORG	Thallium	7440-28-0		8				6.60E-01	7.00E-01			1.3E+02		9.3E-01				
AOI-14	INORG	Vanadium	7440-62-2		8	8	8.60E+00	3.42E+01					5.5E+03		1.8E+01			2.9E-03	
AOI-14	INORG	Zinc	7440-66-6	D	8	8	1.61E+01	4.78E+01					6.3E+05		9.0E+01				
AOI-16	SVOC	Acenaphthene	83-32-9		12				1.60E-02	1.90E-02	9.7E+04	6.2E+06	1.3E+05						
AOI-16	SVOC	Acenaphthylene	208-96-8	D	12				2.20E-02	2.50E-02	2.7E+03	1.0E+06	5.2E+03						
AOI-16	SVOC	Acetophenone	98-86-2	D	12				2.30E-02	2.70E-02	5.2E+04	1.4E+07	1.1E+03	2.5E+06					
AOI-16	SVOC	Anthracene	120-12-7	D	12				1.90E-02	2.30E-02	1.6E+06	2.9E+07	7.3E+05						
AOI-16	SVOC	Atrazine	1912-24-9	C	12				2.50E-02	2.90E-02			3.3E+02	6.5E+08					
AOI-16	SVOC	Benzaldehyde	100-52-7		12				1.60E-02	1.90E-02									
AOI-16	SVOC	Benzo(a)anthracene	56-55-3	B2	12				2.60E-02	3.10E-02			8.0E+01						
AOI-16	SVOC	Benzo(a)pyrene	50-32-8	B2	12				1.70E-02	2.00E-02		1.9E+03	8.0E+00						
AOI-16	SVOC	Benzo(b)fluoranthene	205-99-2	B2	12	2	4.40E-02	5.50E-02	2.30E-02	2.70E-02			8.0E+01					6.9E-04	
AOI-16	SVOC	Benzo(g,h,i)perylene	191-24-2	D	12				1.80E-02	2.10E-02		3.5E+05	7.0E+03						
AOI-16	SVOC	Benzo(k)fluoranthene	207-08-9	B2	12				1.80E-02	2.10E-02			8.0E+02						
AOI-16	SVOC	Biphenyl	92-52-4	D	12				2.10E-02	2.40E-02									
AOI-16	SVOC	bis(2-Chloroethoxy)methane	111-91-1	D	12				3.00E-02	3.50E-02									
AOI-16	SVOC	bis(2-Chloroethyl) ether	111-44-4	B2	12				2.10E-02	2.40E-02	1.3E+01	1.2E+04	5.8E+01	6.1E+05					
AOI-16	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	12	1	4.20E-02	4.20E-02	1.50E-02	1.70E-02		8.9E+05	1.0E+04	4.8E+12			4.7E-08	4.2E-06	8.8E-15
AOI-16	SVOC	4-Bromophenyl-phenyl ether	101-55-3	D	12				1.70E-02	2.00E-02									
AOI-16	SVOC	Butylbenzylphthalate	85-68-7	C	12				2.40E-02	2.80E-02		2.1E+07	3.1E+02						
AOI-16	SVOC	Caprolactam	105-60-2		12				3.20E-02	3.70E-02		2.9E+05	3.1E+05						
AOI-16	SVOC	Carbazole	86-74-8	B2	12				2.20E-02	2.50E-02			2.4E+03						
AOI-16	SVOC	4-Chloro-3-methylphenol	59-50-7		12				2.20E-02	2.50E-02			1.5E+04						
AOI-16	SVOC	4-Chloroaniline	106-47-8		12				2.30E-02	2.70E-02									
AOI-16	SVOC	2-Chloronaphthalene	91-58-7		12				1.90E-02	2.30E-02			1.8E+05						
AOI-16	SVOC	2-Chlorophenol	95-57-8		12				2.10E-02	2.40E-02			4.5E+03						
AOI-16	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3		12				1.90E-02	2.30E-02									
AOI-16	SVOC	Chrysene	218-01-9	B2	12	3	4.40E-02	6.60E-02	2.50E-02	2.90E-02			8.0E+03					8.3E-06	
AOI-16	SVOC	Dibenz(a,h)anthracene	53-70-3	B2	12				2.10E-02	2.40E-02			8.0E+00						
AOI-16	SVOC	Dibenzofuran	132-64-9	D	12				1.90E-02	2.30E-02									
AOI-16	SVOC	3,3'-Dichlorobenzidine	91-94-1	B2	12				2.10E-02	2.40E-02		8.2E+03	3.0E+01						
AOI-16	SVOC	2,4-Dichlorophenol	120-83-2		12				1.80E-02	2.10E-02		2.3E+06	1.8E+03						
AOI-16	SVOC	Diethylphthalate	84-66-2	D	12				2.20E-02	2.50E-02		1.5E+06	7.4E+02	2.4E+07					
AOI-16	SVOC	2,4-Dimethylphenol	105-67-9		12				2.10E-02	2.40E-02		2.1E+06	3.6E+04						
AOI-16	SVOC	Dimethylphthalate	131-11-3	D	12				1.90E-02	2.30E-02		1.5E+06	7.9E+02	2.3E+07					
AOI-16	SVOC	Di-n-butylphthalate	84-74-2	D	12				2.60E-02	3.10E-02		1.5E+06	7.6E+02	9.7E+10					
AOI-16	SVOC	4,6-Dinitro-2-methylphenol	534-52-1		12				5.50E-02	6.40E-02			2.6E+02						

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-16	SVOC	2,4-Dinitrophenol	51-28-5		12				5.40E-02	6.20E-02									
AOI-16	SVOC	2,4-Dinitrotoluene	121-14-2	B2	12				2.50E-02	2.90E-02		2.0E+04	2.2E+02						
AOI-16	SVOC	2,6-Dinitrotoluene	606-20-2	B2	12				1.70E-02	2.00E-02									
AOI-16	SVOC	Di-n-octylphthalate	117-84-0		12				7.30E-02	8.50E-02			2.0E+04						
AOI-16	SVOC	Fluoranthene	206-44-0	D	12	2	4.30E-02	6.40E-02	1.80E-02	2.10E-02	8.9E+05	4.1E+06	1.3E+05			7.2E-08	1.6E-08	4.9E-07	
AOI-16	SVOC	Fluorene	86-73-7	D	12				1.70E-02	2.00E-02	1.5E+05	4.1E+06	8.7E+04						
AOI-16	SVOC	Hexachlorobenzene	118-74-1	B2	12				2.50E-02	2.90E-02	5.6E+01	8.5E+03	3.7E+01	5.7E+02					
AOI-16	SVOC	Hexachlorobutadiene	87-68-3	C	12				1.80E-02	2.10E-02	4.6E+02	1.8E+05	3.5E+02	8.9E+02					
AOI-16	SVOC	Hexachlorocyclopentadiene	77-47-4	E	12				1.10E-02	1.30E-02	6.0E+01	5.9E+03	7.2E+02	5.8E+03					
AOI-16	SVOC	Hexachloroethane	67-72-1	C	12				1.90E-02	2.30E-02	6.6E+02	1.0E+05	7.3E+02	7.5E+04					
AOI-16	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	12				2.20E-02	2.50E-02			8.0E+01						
AOI-16	SVOC	Isophorone	78-59-1	C	12				2.50E-02	2.90E-02		8.2E+06	2.4E+03	2.0E+06					
AOI-16	SVOC	2-Methylnaphthalene	91-57-6	ID	12	3	7.50E-02	1.00E-01	1.90E-02	2.30E-02			2.6E+04					3.8E-06	
AOI-16	SVOC	Methylphenol (total)	1319-77-3		12				2.30E-02	2.70E-02		2.9E+06	3.6E+04	2.1E+07					
AOI-16	SVOC	Naphthalene	91-20-3	C	12	3	5.40E-02	6.70E-02	1.90E-02	2.30E-02	3.5E+02	8.8E+04	5.2E+04	1.4E+06		1.9E-04	7.6E-07	1.3E-06	4.7E-08
AOI-16	SVOC	2-Nitroaniline	88-74-4		12				1.50E-02	1.70E-02									
AOI-16	SVOC	3-Nitroaniline	99-09-2	C	12				2.50E-02	2.90E-02									
AOI-16	SVOC	4-Nitroaniline	100-01-6	C	12				1.90E-02	2.30E-02				7.7E+07					
AOI-16	SVOC	Nitrobenzene	98-95-3	D	12				2.70E-02	3.20E-02	6.4E+01	2.1E+04	3.4E+02	1.5E+05					
AOI-16	SVOC	2-Nitrophenol	88-75-5		12				2.40E-02	2.80E-02			2.0E+03						
AOI-16	SVOC	4-Nitrophenol	100-02-7		12				6.00E-02	7.00E-02									
AOI-16	SVOC	N-Nitrosodiphenylamine	86-30-6	B2	12				2.20E-02	2.50E-02			7.8E+03						
AOI-16	SVOC	N-Nitroso-di-n-propylamine	621-64-7	B2	12				1.70E-02	2.00E-02		2.0E+03	5.4E+00						
AOI-16	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	C	12				3.10E-02	3.60E-02									
AOI-16	SVOC	Pentachlorophenol	87-86-5	B2	12				6.80E-02	8.00E-02		1.3E+05	3.2E+02	7.8E+07					
AOI-16	SVOC	Phenanthrene	85-01-8	D	12	3	6.50E-02	1.30E-01	2.40E-02	2.80E-02	1.9E+02	2.9E+03	5.2E+03			6.8E-04	4.5E-05	2.5E-05	
AOI-16	SVOC	Phenol	108-95-2	ID	12				2.10E-02	2.40E-02		1.8E+07	1.2E+04	2.1E+07					
AOI-16	SVOC	Pyrene	129-00-0	D	12	2	4.00E-02	5.10E-02	2.40E-02	2.80E-02	7.8E+05	2.9E+06	8.4E+04			6.5E-08	1.8E-08	6.1E-07	
AOI-16	SVOC	2,4,5-Trichlorophenol	95-95-4		12				1.70E-02	2.00E-02		1.0E+07	7.3E+04						
AOI-16	SVOC	2,4,6-Trichlorophenol	88-06-2	B2	12				2.20E-02	2.50E-02		1.3E+06	3.3E+03						
AOI-16	INORG	Aluminum	7429-90-5	D	12	12	2.33E+03	1.49E+04					3.7E+05		7.4E+03			2.0E-02	
AOI-16	INORG	Antimony	7440-36-0		12	1	3.20E-01	3.20E-01	2.60E-01	3.10E-01		5.9E+03	6.7E+02		8.0E-01				
AOI-16	INORG	Arsenic	7440-38-2	A	12	12	1.20E+00	8.80E+00				9.1E+02	3.7E+01		6.8E+00		2.2E-03	5.4E-02	
AOI-16	INORG	Barium	7440-39-3	D	12	12	1.32E+01	6.57E+01				1.5E+05	1.3E+05		6.2E+01		2.5E-05	2.8E-05	
AOI-16	INORG	Beryllium	7440-41-7	B1	12	12	1.50E-01	7.40E-01				5.9E+02	1.6E+03		3.1E-01		7.2E-04	2.7E-04	
AOI-16	INORG	Cadmium	7440-43-9	B1	12				1.80E-02	2.10E-02		2.2E+03	2.1E+03		1.4E+00				
AOI-16	INORG	Calcium	7440-70-2		12	12	2.13E+03	5.17E+04											
AOI-16	INORG	Chromium (total)	7440-47-3		12	12	5.60E+00	4.87E+01				2.4E+02	9.2E+03		1.8E+01		1.3E-01	3.4E-03	
AOI-16	INORG	Cobalt	7440-48-4	B1	12	12	1.10E+00	1.02E+01				5.9E+03	9.0E+03		5.8E+00		7.4E-04	4.9E-04	
AOI-16	INORG	Copper	7440-50-8	D	12	12	5.40E+00	4.36E+01				5.9E+04	7.3E+04		5.9E+01				
AOI-16	INORG	Cyanide (total)	57-12-5	D	12				1.00E-01	1.20E-01		2.5E+02	2.5E+02						
AOI-16	INORG	Iron	7439-89-6	D	12	12	5.43E+03	2.65E+04					5.8E+05		1.5E+04			1.9E-02	
AOI-16	INORG	Lead	7439-92-1	B2	12	12	3.20E+00	2.33E+01				4.4E+04	9.0E+02		6.8E+01				
AOI-16	INORG	Magnesium	7439-95-4		12	12	5.45E+02	1.76E+04				2.9E+06	1.0E+06				6.1E-03	1.8E-02	
AOI-16	INORG	Manganese	7439-96-5	D	12	12	1.36E+02	4.56E+02				1.5E+03	9.0E+04		5.2E+02				
AOI-16	INORG	Mercury	7439-97-6	D	12	10	2.40E-02	5.70E-02	1.90E-02	2.00E-02	6.2E+01	8.8E+03	5.8E+02	1.3E+04	1.9E-01				
AOI-16	INORG	Nickel	7440-02-0	A	12	12	4.80E+00	2.62E+01				1.6E+04	1.5E+05		1.5E+01		6.8E-04	7.3E-05	
AOI-16	INORG	Potassium	7440-09-7		12	12	2.98E+02	2.03E+03											
AOI-16	INORG	Selenium	7782-49-2	D	12				3.50E-01	4.10E-01		5.9E+04	9.6E+03		7.0E-01				
AOI-16	INORG	Silver	7440-22-4	D	12				1.10E-01	1.30E-01		2.9E+03	9.0E+03		1.0E+00				
AOI-16	INORG	Sodium	7440-23-5		12	12	1.83E+02	2.96E+03					1.0E+06					3.0E-03	
AOI-16	INORG	Thallium	7440-28-0		12				6.60E-01	7.70E-01			1.3E+02		9.3E-01				
AOI-16	INORG	Vanadium	7440-62-2		12	12	6.10E+00	3.27E+01					5.5E+03		1.8E+01			2.6E-03	
AOI-16	INORG	Zinc	7440-66-6	D	12	12	8.80E+00	5.73E+01					6.3E+05		9.0E+01				
AOI-17	INORG	Aluminum	7429-90-5	D	3	3	2.33E+03	1.12E+04					3.7E+05		7.4E+03			1.0E-02	
AOI-17	INORG	Antimony	7440-36-0		3				2.60E-01	2.90E-01		5.9E+03	6.7E+02		8.0E-01				
AOI-17	INORG	Arsenic	7440-38-2	A	3	3	4.40E+00	8.60E+00				9.1E+02	3.7E+01		6.8E+00		2.0E-03	4.9E-02	
AOI-17	INORG	Barium	7440-39-3	D	3	3	1.88E+01	6.11E+01				1.5E+05	1.3E+05		6.2E+01				

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-17	INORG	Beryllium	7440-41-7	B1	3	2	2.80E-01	3.70E-01	7.70E-02	7.70E-02		5.9E+02	1.6E+03		3.1E-01		9.4E-05	3.5E-05	
AOI-17	INORG	Cadmium	7440-43-9	B1	3	3	1.30E-01	2.90E-01				2.2E+03	2.1E+03		1.4E+00				
AOI-17	INORG	Calcium	7440-70-2		3	3	2.20E+03	5.75E+04											
AOI-17	INORG	Chromium (total)	7440-47-3		3	3	5.30E+00	1.94E+01				2.4E+02	9.2E+03		1.8E+01		6.3E-03	1.7E-04	
AOI-17	INORG	Cobalt	7440-48-4	B1	3	3	3.90E+00	9.70E+00				5.9E+03	9.0E+03		5.8E+00		6.6E-04	4.3E-04	
AOI-17	INORG	Copper	7440-50-8	D	3	3	8.40E+00	2.48E+01				5.9E+04	7.3E+04		5.9E+01				
AOI-17	INORG	Cyanide (total)	57-12-5	D	3				9.90E-02	1.10E-01		2.5E+02	2.5E+02						
AOI-17	INORG	Iron	7439-89-6	D	3	3	7.51E+03	2.32E+04					5.8E+05		1.5E+04			1.3E-02	
AOI-17	INORG	Lead	7439-92-1	B2	3	3	3.30E+00	1.29E+01				4.4E+04	9.0E+02		6.8E+01				
AOI-17	INORG	Magnesium	7439-95-4		3	3	1.35E+03	2.17E+04				2.9E+06	1.0E+06				7.5E-03	2.2E-02	
AOI-17	INORG	Manganese	7439-96-5	D	3	3	3.07E+02	4.11E+02				1.5E+03	9.0E+04		5.2E+02				
AOI-17	INORG	Mercury	7439-97-6	D	3				1.80E-02	2.00E-02	6.2E+01	8.8E+03	5.8E+02	1.3E+04	1.9E-01				
AOI-17	INORG	Nickel	7440-02-0	A	3	3	1.08E+01	2.62E+01				1.6E+04	1.5E+05		1.5E+01		6.8E-04	7.3E-05	
AOI-17	INORG	Potassium	7440-09-7		3	3	2.82E+02	2.08E+03											
AOI-17	INORG	Selenium	7782-49-2	D	3	3	5.40E-01	1.60E+00				5.9E+04	9.6E+03		7.0E-01		1.5E-05	9.4E-05	
AOI-17	INORG	Silver	7440-22-4	D	3				1.10E-01	1.30E-01		2.9E+03	9.0E+03		1.0E+00				
AOI-17	INORG	Sodium	7440-23-5		3	2	1.33E+02	4.99E+02	4.51E+01	4.51E+01			1.0E+06					5.0E-04	
AOI-17	INORG	Thallium	7440-28-0		3	2	1.10E+00	1.40E+00	6.50E-01	6.50E-01			1.3E+02		9.3E-01			3.6E-03	
AOI-17	INORG	Vanadium	7440-62-2		3	3	9.80E+00	2.87E+01					5.5E+03		1.8E+01			1.9E-03	
AOI-17	INORG	Zinc	7440-66-6	D	3	3	2.53E+01	6.15E+01					6.3E+05		9.0E+01				
AOI-18	INORG	Aluminum	7429-90-5	D	10	10	9.20E+02	1.31E+04					3.7E+05		7.4E+03			1.5E-02	
AOI-18	INORG	Antimony	7440-36-0		10				2.40E-01	2.80E-01		5.9E+03	6.7E+02		8.0E-01				
AOI-18	INORG	Arsenic	7440-38-2	A	10	10	1.10E+00	1.05E+01				9.1E+02	3.7E+01		6.8E+00		4.1E-03	1.0E-01	
AOI-18	INORG	Barium	7440-39-3	D	10	10	4.00E+00	7.39E+01				1.5E+05	1.3E+05		6.2E+01		7.9E-05	9.1E-05	
AOI-18	INORG	Beryllium	7440-41-7	B1	10	7	7.70E-02	7.60E-01	7.00E-02	8.40E-02		5.9E+02	1.6E+03		3.1E-01		7.6E-04	2.8E-04	
AOI-18	INORG	Cadmium	7440-43-9	B1	10	9	1.80E-02	2.10E-01	2.00E-02	2.00E-02		2.2E+03	2.1E+03		1.4E+00				
AOI-18	INORG	Calcium	7440-70-2		10	10	3.96E+02	3.72E+04											
AOI-18	INORG	Chromium (total)	7440-47-3		10	10	3.20E+00	5.47E+01				2.4E+02	9.2E+03		1.8E+01		1.5E-01	4.0E-03	
AOI-18	INORG	Cobalt	7440-48-4	B1	10	10	1.30E+00	1.21E+01				5.9E+03	9.0E+03		5.8E+00		1.1E-03	7.0E-04	
AOI-18	INORG	Copper	7440-50-8	D	10	9	3.30E+00	2.29E+01	1.70E-01	1.70E-01		5.9E+04	7.3E+04		5.9E+01				
AOI-18	INORG	Cyanide (total)	57-12-5	D	10	6	2.70E-01	9.30E+00	9.10E-02	1.10E-01		2.5E+02	2.5E+02				3.7E-02	3.7E-02	
AOI-18	INORG	Iron	7439-89-6	D	10	10	3.32E+03	2.78E+04					5.8E+05		1.5E+04			2.1E-02	
AOI-18	INORG	Lead	7439-92-1	B2	10	10	1.70E+00	1.14E+01				4.4E+04	9.0E+02		6.8E+01				
AOI-18	INORG	Magnesium	7439-95-4		10	10	5.42E+02	8.81E+03				2.9E+06	1.0E+06				3.0E-03	8.8E-03	
AOI-18	INORG	Manganese	7439-96-5	D	10	10	6.48E+01	4.54E+02				1.5E+03	9.0E+04		5.2E+02				
AOI-18	INORG	Mercury	7439-97-6	D	10	4	2.50E-02	6.00E-01	1.60E-02	2.00E-02	6.2E+01	8.8E+03	5.8E+02	1.3E+04	1.9E-01	6.6E-03	4.6E-05	7.0E-04	3.2E-05
AOI-18	INORG	Nickel	7440-02-0	A	10	10	2.90E+00	3.01E+01				1.6E+04	1.5E+05		1.5E+01		9.2E-04	9.9E-05	
AOI-18	INORG	Potassium	7440-09-7		10	10	1.31E+02	1.34E+03											
AOI-18	INORG	Selenium	7782-49-2	D	10				3.20E-01	3.80E-01		5.9E+04	9.6E+03		7.0E-01				
AOI-18	INORG	Silver	7440-22-4	D	10				1.00E-01	1.20E-01		2.9E+03	9.0E+03		1.0E+00				
AOI-18	INORG	Sodium	7440-23-5		10	3	3.09E+02	6.78E+02	4.12E+01	4.95E+01			1.0E+06					6.8E-04	
AOI-18	INORG	Thallium	7440-28-0		10				6.00E-01	7.20E-01			1.3E+02		9.3E-01				
AOI-18	INORG	Vanadium	7440-62-2		10	10	3.60E+00	3.01E+01					5.5E+03		1.8E+01			2.1E-03	
AOI-18	INORG	Zinc	7440-66-6	D	10	10	1.15E+01	3.87E+03					6.3E+05		9.0E+01			6.0E-03	
AOI-21	VOC	Acetone	67-64-1	ID	12	3	1.60E-01	1.70E-01	5.20E-02	6.50E-02	1.6E+05	1.7E+08	7.3E+04	1.2E+07		1.1E-06	1.0E-09	2.3E-06	1.4E-08
AOI-21	VOC	Benzene	71-43-2	A	12				7.20E-03	9.30E-03	4.5E+01	4.7E+05	4.0E+02	4.1E+02					
AOI-21	VOC	Bromodichloromethane	75-27-4	B2	12				8.60E-03	1.10E-02	3.1E+01	1.1E+05	4.9E+02						
AOI-21	VOC	Bromoform	75-25-2	B2	12				1.10E-02	1.50E-02	3.1E+03	3.6E+06	8.7E+02	9.6E+03					
AOI-21	VOC	Bromomethane	74-83-9	D	12				4.40E-02	5.70E-02	1.3E+01	1.5E+05	1.0E+03	2.5E+02					
AOI-21	VOC	2-Butanone	78-93-3	ID	12				5.40E-02	7.00E-02	3.5E+04	2.9E+07	2.7E+04	3.0E+06					
AOI-21	VOC	Carbon Disulfide	75-15-0		12	2	1.30E-02	1.50E-02	4.70E-03	6.10E-03	1.6E+03	2.1E+07	2.8E+02	3.5E+02		9.4E-06	7.1E-10	5.4E-05	4.3E-05
AOI-21	VOC	Carbon Tetrachloride	56-23-5	B2	12				1.50E-02	1.90E-02	1.2E+01	1.7E+05	3.9E+02	7.2E+02					
AOI-21	VOC	Chlorobenzene	108-90-7	D	12				6.10E-03	7.90E-03	9.2E+02	2.1E+06	2.6E+02	1.7E+05					
AOI-21	VOC	Chloroethane	75-00-3		12				4.90E-02	6.40E-02	3.6E+04	2.9E+08	9.5E+02	1.3E+05					
AOI-21	VOC	Chloroform	67-66-3	B2	12				1.30E-02	1.60E-02	1.5E+02	1.6E+06	1.5E+03	1.5E+03					
AOI-21	VOC	Chloromethane	74-87-3	D	12				1.50E-02	1.90E-02	1.2E+02	2.6E+06	1.1E+03	4.7E+03					
AOI-21	VOC	Cumene	98-82-8	D	12	6	2.20E-02	8.50E-02	8.90E-03	1.20E-02	2.0E+03	2.6E+06	3.9E+02	7.3E+03		4.3E-05	3.3E-08	2.2E-04	1.2E-05
AOI-21	VOC	Cyclohexane	110-82-7	ID	12	1	1.90E-02	1.90E-02	6.50E-03	8.40E-03									

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-21	VOC	1,2-Dibromo-3-chloropropane	96-12-8	B2	12				2.40E-02	3.10E-02	1.5E+01	5.9E+03	1.2E+00						
AOI-21	VOC	Dibromochloromethane	124-48-1	C	12				1.10E-02	1.50E-02	8.0E+01	1.6E+05	5.0E+02						
AOI-21	VOC	1,2-Dibromoethane	106-93-4	B2	12				7.90E-03	1.00E-02	5.8E+00	1.8E+04	4.3E-01						
AOI-21	VOC	1,2-Dichlorobenzene	95-50-1	D	12				7.20E-03	9.30E-03	4.6E+04	4.4E+07	2.1E+02	3.5E+05					
AOI-21	VOC	1,3-Dichlorobenzene	541-73-1	D	12				8.70E-03	1.10E-02			1.7E+02						
AOI-21	VOC	1,4-Dichlorobenzene	106-46-7	C	12				9.00E-03	1.20E-02	2.6E+02	5.7E+05	1.9E+03	8.2E+05					
AOI-21	VOC	Dichlorodifluoromethane	75-71-8		12				2.40E-02	3.10E-02	6.3E+04	1.5E+09	1.0E+03	6.7E+04					
AOI-21	VOC	1,1-Dichloroethane	75-34-3	C	12	4	2.90E-02	1.10E-01	1.10E-02	1.30E-02	2.5E+03	1.5E+07	8.9E+02	3.8E+04		4.4E-05	7.3E-09	1.2E-04	2.9E-06
AOI-21	VOC	1,2-Dichloroethane	107-06-2	B2	12				1.40E-02	1.80E-02	2.1E+01	1.5E+05	4.2E+02	1.6E+03					
AOI-21	VOC	1,1-Dichloroethene	75-35-4	C	12				8.30E-03	1.10E-02	3.7E+00	7.8E+04	5.7E+02	7.0E+02					
AOI-21	VOC	cis-1,2-Dichloroethene	156-59-2	D	12	4	1.90E-02	2.80E-01	8.20E-03	1.10E-02	2.1E+02	1.0E+06	6.4E+02	1.1E+05		1.3E-03	2.8E-07	4.4E-04	2.6E-06
AOI-21	VOC	trans-1,2-Dichloroethene	156-60-5		12				1.00E-02	1.40E-02	3.3E+02	2.1E+06	1.4E+03	6.1E+04					
AOI-21	VOC	1,2-Dichloropropane	78-87-5	B2	12				9.80E-03	1.30E-02	3.0E+01	1.2E+05	5.5E+02	7.3E+04					
AOI-21	VOC	1,3-Dichloropropene (total)	542-75-6	B2	12				8.00E-03	1.00E-02	6.0E+01	5.9E+05	2.4E+02	2.2E+02					
AOI-21	VOC	Ethyl Benzene	100-41-4	D	12	6	2.90E-02	1.20E-01	6.80E-03	8.80E-03	2.4E+03	1.3E+07	1.4E+02	1.5E+05		5.0E-05	9.2E-09	8.6E-04	7.8E-07
AOI-21	VOC	2-Hexanone	591-78-6		12				1.70E-02	2.20E-02	1.3E+03	1.2E+06	2.5E+03						
AOI-21	VOC	Methyl Acetate	79-20-9		12	12	3.40E-02	1.30E-01						2.0E+06					6.4E-08
AOI-21	VOC	Methyl tert-butyl ether	1634-04-4		12				8.60E-03	1.10E-02	3.0E+04	8.8E+07	5.9E+03						
AOI-21	VOC	4-Methyl-2-pentanone	108-10-1	ID	12	1	9.80E-02	9.80E-02	2.50E-02	3.20E-02	5.3E+04	6.0E+07	2.7E+03	1.0E+06		1.8E-06	1.6E-09	3.6E-05	9.4E-08
AOI-21	VOC	Methylcyclohexane	108-87-2		12	4	2.60E-02	8.50E-02	9.30E-03	1.20E-02									
AOI-21	VOC	Methylene Chloride	75-09-2	B2	12	3	5.10E-02	1.70E-01	1.70E-02	2.20E-02	7.0E+02	8.3E+06	2.3E+03	1.5E+04		2.4E-04	2.0E-08	7.4E-05	1.2E-05
AOI-21	VOC	Styrene	100-42-5		12				7.50E-03	9.70E-03	3.3E+03	6.9E+06	5.2E+02	4.3E+05					
AOI-21	VOC	1,1,2,2-Tetrachloroethane	79-34-5	C	12				1.00E-02	1.40E-02	3.4E+01	6.8E+04	2.4E+02	1.8E+04					
AOI-21	VOC	Tetrachloroethene	127-18-4	C-B2	12				1.10E-02	1.50E-02	6.0E+02	6.8E+06	8.8E+01	1.4E+04					
AOI-21	VOC	Toluene	108-88-3	D	12	8	2.10E-02	8.60E-02	5.90E-03	6.70E-03	3.3E+03	1.2E+07	2.5E+02	8.7E+04		2.6E-05	7.2E-09	3.4E-04	9.9E-07
AOI-21	VOC	1,2,4-Trichlorobenzene	120-82-1	D	12				1.10E-02	1.50E-02	3.4E+04	1.1E+07	1.1E+03						
AOI-21	VOC	1,1,1-Trichloroethane	71-55-6	D	12				9.30E-03	1.20E-02	4.5E+03	2.9E+07	4.6E+02	1.3E+05					
AOI-21	VOC	1,1,2-Trichloroethane	79-00-5	C	12				8.30E-03	1.10E-02	5.7E+01	2.5E+05	8.4E+02	3.0E+04					
AOI-21	VOC	Trichloroethene	79-01-6	C-B2	12	3	2.90E-02	2.40E-01	9.10E-03	1.00E-02	2.6E+02	2.3E+06	5.0E+02	3.9E+04		9.2E-04	1.0E-07	4.8E-04	6.2E-06
AOI-21	VOC	Trichlorofluoromethane	75-69-4		12				9.20E-03	1.20E-02	1.1E+05	1.7E+09	5.6E+02	1.3E+05					
AOI-21	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		12	5	3.80E-02	7.30E-01	3.10E-02	3.90E-02	2.1E+05	2.3E+09	5.5E+02	2.2E+05		3.5E-06	3.2E-10	1.3E-03	3.3E-06
AOI-21	VOC	Vinyl Chloride	75-01-4	A	12				1.10E-02	1.50E-02	2.9E+01	8.9E+05	3.4E+01	6.1E+01					
AOI-21	VOC	Xylenes (total)	1330-20-7	ID	12	8	1.10E-01	7.50E-01	2.00E-02	2.30E-02	5.4E+04	1.3E+08	1.5E+02	1.9E+05		1.4E-05	5.8E-09	5.0E-03	4.0E-06
AOI-21	SVOC	Acenaphthene	83-32-9		12				1.50E-02	3.70E-01	9.7E+04	6.2E+06	1.3E+05						
AOI-21	SVOC	Acenaphthylene	208-96-8	D	12				2.00E-02	5.00E-01	2.7E+03	1.0E+06	5.2E+03						
AOI-21	SVOC	Acetophenone	98-86-2	D	12				2.20E-02	5.30E-01	5.2E+04	1.4E+07	1.1E+03	2.5E+06					
AOI-21	SVOC	Anthracene	120-12-7	D	12				1.80E-02	4.50E-01	1.6E+06	2.9E+07	7.3E+05						
AOI-21	SVOC	Atrazine	1912-24-9	C	12				2.40E-02	5.80E-01			3.3E+02	6.5E+08					
AOI-21	SVOC	Benzaldehyde	100-52-7		12				1.50E-02	3.70E-01									
AOI-21	SVOC	Benzo(a)anthracene	56-55-3	B2	12				2.50E-02	6.10E-01			8.0E+01						
AOI-21	SVOC	Benzo(a)pyrene	50-32-8	B2	12				1.60E-02	4.00E-01		1.9E+03	8.0E+00						
AOI-21	SVOC	Benzo(b)fluoranthene	205-99-2	B2	12				2.20E-02	5.30E-01			8.0E+01						
AOI-21	SVOC	Benzo(g,h,i)perylene	191-24-2	D	12				1.70E-02	4.20E-01		3.5E+05	7.0E+03						
AOI-21	SVOC	Benzo(k)fluoranthene	207-08-9	B2	12				1.70E-02	4.20E-01			8.0E+02						
AOI-21	SVOC	Biphenyl	92-52-4	D	12	7	4.20E-01	1.70E+00	1.90E-02	3.80E-01									
AOI-21	SVOC	bis(2-Chloroethoxy)methane	111-91-1	D	12				2.80E-02	6.90E-01									
AOI-21	SVOC	bis(2-Chloroethyl) ether	111-44-4	B2	12				1.90E-02	4.80E-01	1.3E+01	1.2E+04	5.8E+01	6.1E+05					
AOI-21	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	12	1	7.80E-01	7.80E-01	1.40E-02	3.40E-01		8.9E+05	1.0E+04	4.8E+12			8.8E-07	7.8E-05	1.6E-13
AOI-21	SVOC	4-Bromophenyl-phenyl ether	101-55-3	D	12				1.60E-02	4.00E-01									
AOI-21	SVOC	Butylbenzylphthalate	85-68-7	C	12				2.30E-02	5.60E-01		2.1E+07	3.1E+02						
AOI-21	SVOC	Caprolactam	105-60-2		12				3.00E-02	7.40E-01		2.9E+05	3.1E+05						
AOI-21	SVOC	Carbazole	86-74-8	B2	12				2.00E-02	5.00E-01			2.4E+03						
AOI-21	SVOC	4-Chloro-3-methylphenol	59-50-7		12				2.00E-02	5.00E-01			1.5E+04						
AOI-21	SVOC	4-Chloroaniline	106-47-8		12				2.20E-02	5.30E-01									
AOI-21	SVOC	2-Chloronaphthalene	91-58-7		12				1.80E-02	4.50E-01			1.8E+05						
AOI-21	SVOC	2-Chlorophenol	95-57-8		12				1.90E-02	4.80E-01			4.5E+03						
AOI-21	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3		12				1.80E-02	4.50E-01									
AOI-21	SVOC	Chrysene	218-01-9	B2	12				2.40E-02	5.80E-01			8.0E+03						

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-21	SVOC	Dibenz(a,h)anthracene	53-70-3	B2	12				1.90E-02	4.80E-01			8.0E+00						
AOI-21	SVOC	Dibenzofuran	132-64-9	D	12				1.80E-02	4.50E-01									
AOI-21	SVOC	3,3'-Dichlorobenzidine	91-94-1	B2	12				1.90E-02	4.80E-01		8.2E+03	3.0E+01						
AOI-21	SVOC	2,4-Dichlorophenol	120-83-2		12				1.70E-02	4.20E-01		2.3E+06	1.8E+03						
AOI-21	SVOC	Diethylphthalate	84-66-2	D	12				2.00E-02	5.00E-01		1.5E+06	7.4E+02	2.4E+07					
AOI-21	SVOC	2,4-Dimethylphenol	105-67-9		12				1.90E-02	4.80E-01		2.1E+06	3.6E+04						
AOI-21	SVOC	Dimethylphthalate	131-11-3	D	12				1.80E-02	4.50E-01		1.5E+06	7.9E+02	2.3E+07					
AOI-21	SVOC	Di-n-butylphthalate	84-74-2	D	12				2.50E-02	6.10E-01		1.5E+06	7.6E+02	9.7E+10					
AOI-21	SVOC	4,6-Dinitro-2-methylphenol	534-52-1		12				5.20E-02	1.30E+00			2.6E+02						
AOI-21	SVOC	2,4-Dinitrophenol	51-28-5		12				5.10E-02	1.20E+00									
AOI-21	SVOC	2,4-Dinitrotoluene	121-14-2	B2	12				2.40E-02	5.80E-01		2.0E+04	2.2E+02						
AOI-21	SVOC	2,6-Dinitrotoluene	606-20-2	B2	12				1.60E-02	4.00E-01									
AOI-21	SVOC	Di-n-octylphthalate	117-84-0		12				6.90E-02	1.70E+00			2.0E+04						
AOI-21	SVOC	Fluoranthene	206-44-0	D	12	1	8.70E-01	8.70E-01	1.70E-02	4.20E-01	8.9E+05	4.1E+06	1.3E+05			9.8E-07	2.1E-07	6.7E-06	
AOI-21	SVOC	Fluorene	86-73-7	D	12	2	3.70E-01	1.70E+00	1.60E-02	4.00E-01	1.5E+05	4.1E+06	8.7E+04			1.1E-05	4.1E-07	2.0E-05	
AOI-21	SVOC	Hexachlorobenzene	118-74-1	B2	12				2.40E-02	5.80E-01	5.6E+01	8.5E+03	3.7E+01	5.7E+02					
AOI-21	SVOC	Hexachlorobutadiene	87-68-3	C	12				1.70E-02	4.20E-01	4.6E+02	1.8E+05	3.5E+02	8.9E+02					
AOI-21	SVOC	Hexachlorocyclopentadiene	77-47-4	E	12				1.10E-02	2.60E-01	6.0E+01	5.9E+03	7.2E+02	5.8E+03					
AOI-21	SVOC	Hexachloroethane	67-72-1	C	12				1.80E-02	4.50E-01	6.6E+02	1.0E+05	7.3E+02	7.5E+04					
AOI-21	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	12				2.00E-02	5.00E-01			8.0E+01						
AOI-21	SVOC	Isophorone	78-59-1	C	12				2.40E-02	5.80E-01		8.2E+06	2.4E+03	2.0E+06					
AOI-21	SVOC	2-Methylnaphthalene	91-57-6	ID	12	9	2.40E+00	4.00E+01	1.80E-02	3.60E-01			2.6E+04					1.5E-03	
AOI-21	SVOC	Methylphenol (total)	1319-77-3		12	1	8.80E-01	8.80E-01	2.20E-02	5.30E-01		2.9E+06	3.6E+04	2.1E+07			3.0E-07	2.4E-05	4.2E-08
AOI-21	SVOC	Naphthalene	91-20-3	C	12	8	5.60E-01	1.10E+01	1.80E-02	4.50E-01	3.5E+02	8.8E+04	5.2E+04	1.4E+06		3.1E-02	1.3E-04	2.1E-04	7.7E-06
AOI-21	SVOC	2-Nitroaniline	88-74-4		12				1.40E-02	3.40E-01									
AOI-21	SVOC	3-Nitroaniline	99-09-2	C	12				2.40E-02	5.80E-01									
AOI-21	SVOC	4-Nitroaniline	100-01-6	C	12				1.80E-02	4.50E-01				7.7E+07					
AOI-21	SVOC	Nitrobenzene	98-95-3	D	12				2.60E-02	6.40E-01	6.4E+01	2.1E+04	3.4E+02	1.5E+05					
AOI-21	SVOC	2-Nitrophenol	88-75-5		12				2.30E-02	5.60E-01			2.0E+03						
AOI-21	SVOC	4-Nitrophenol	100-02-7		12				5.70E-02	1.40E+00									
AOI-21	SVOC	N-Nitrosodiphenylamine	86-30-6	B2	12				2.00E-02	5.00E-01			7.8E+03						
AOI-21	SVOC	N-Nitroso-di-n-propylamine	621-64-7	B2	12				1.60E-02	4.00E-01		2.0E+03	5.4E+00						
AOI-21	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	C	12				2.90E-02	7.20E-01									
AOI-21	SVOC	Pentachlorophenol	87-86-5	B2	12				6.50E-02	1.60E+00		1.3E+05	3.2E+02	7.8E+07					
AOI-21	SVOC	Phenanthrene	85-01-8	D	12	9	4.70E-01	3.70E+00	2.30E-02	2.80E-01	1.9E+02	2.9E+03	5.2E+03			1.9E-02	1.3E-03	7.1E-04	
AOI-21	SVOC	Phenol	108-95-2	ID	12	1	1.40E+00	1.40E+00	1.90E-02	4.80E-01		1.8E+07	1.2E+04	2.1E+07			7.8E-08	1.2E-04	6.6E-08
AOI-21	SVOC	Pyrene	129-00-0	D	12	1	1.10E+00	1.10E+00	2.30E-02	5.60E-01	7.8E+05	2.9E+06	8.4E+04			1.4E-06	3.8E-07	1.3E-05	
AOI-21	SVOC	2,4,5-Trichlorophenol	95-95-4		12				1.60E-02	4.00E-01		1.0E+07	7.3E+04						
AOI-21	SVOC	2,4,6-Trichlorophenol	88-06-2	B2	12				2.00E-02	5.00E-01		1.3E+06	3.3E+03						
AOI-21	P/PCB	PCBs (total)	1336-36-3	B2	12				2.10E-02	2.10E-01	8.1E+02	6.5E+03	1.6E+01	4.0E+05					
AOI-21	INORG	Aluminum	7429-90-5	D	12	12	1.47E+03	8.04E+03					3.7E+05		7.4E+03			1.8E-03	
AOI-21	INORG	Antimony	7440-36-0		12	1	5.70E-01	5.70E-01	2.40E-01	3.10E-01		5.9E+03	6.7E+02		8.0E-01				
AOI-21	INORG	Arsenic	7440-38-2	A	12	12	9.70E-01	6.80E+00				9.1E+02	3.7E+01		6.8E+00		3.7E-06	9.1E-05	
AOI-21	INORG	Barium	7440-39-3	D	12	12	9.00E+00	1.11E+02				1.5E+05	1.3E+05		6.2E+01		3.3E-04	3.8E-04	
AOI-21	INORG	Beryllium	7440-41-7	B1	12	12	1.10E-01	5.30E-01				5.9E+02	1.6E+03		3.1E-01		3.7E-04	1.3E-04	
AOI-21	INORG	Cadmium	7440-43-9	B1	12	10	1.90E-02	6.10E-01	1.80E-02	1.80E-02		2.2E+03	2.1E+03		1.4E+00				
AOI-21	INORG	Calcium	7440-70-2		12	12	1.68E+04	5.32E+04											
AOI-21	INORG	Chromium (total)	7440-47-3		12	12	3.10E+00	3.41E+01				2.4E+02	9.2E+03		1.8E+01		6.8E-02	1.8E-03	
AOI-21	INORG	Cobalt	7440-48-4	B1	12	12	1.40E+00	3.49E+01				5.9E+03	9.0E+03		5.8E+00		4.9E-03	3.2E-03	
AOI-21	INORG	Copper	7440-50-8	D	12	12	3.10E+00	1.53E+02				5.9E+04	7.3E+04		5.9E+01		1.6E-03	1.3E-03	
AOI-21	INORG	Cyanide (total)	57-12-5	D	12				9.20E-02	1.20E-01		2.5E+02	2.5E+02						
AOI-21	INORG	Iron	7439-89-6	D	12	12	3.16E+03	1.81E+04					5.8E+05		1.5E+04			4.5E-03	
AOI-21	INORG	Lead	7439-92-1	B2	12	12	1.70E+00	1.94E+02				4.4E+04	9.0E+02		6.8E+01		2.9E-03	1.4E-01	
AOI-21	INORG	Magnesium	7439-95-4		12	12	3.10E+03	1.91E+04				2.9E+06	1.0E+06				6.6E-03	1.9E-02	
AOI-21	INORG	Manganese	7439-96-5	D	12	12	6.37E+01	7.71E+02				1.5E+03	9.0E+04		5.2E+02		1.7E-01	2.8E-03	
AOI-21	INORG	Mercury	7439-97-6	D	12	4	2.10E-02	1.50E-01	1.70E-02	2.20E-02	6.2E+01	8.8E+03	5.8E+02	1.3E+04	1.9E-01				
AOI-21	INORG	Nickel	7440-02-0	A	12	11	5.00E+00	4.42E+01	1.70E-01	1.70E-01		1.6E+04	1.5E+05		1.5E+01		1.8E-03	1.9E-04	
AOI-21	INORG	Potassium	7440-09-7		12	12	1.99E+02	8.93E+02											

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-21	INORG	Selenium	7782-49-2	D	12				3.20E-01	4.20E-01		5.9E+04	9.6E+03		7.0E-01				
AOI-21	INORG	Silver	7440-22-4	D	12				1.00E-01	1.40E-01		2.9E+03	9.0E+03		1.0E+00				
AOI-21	INORG	Sodium	7440-23-5		12	4	5.48E+01	9.17E+01	4.18E+01	5.42E+01			1.0E+06					9.2E-05	
AOI-21	INORG	Thallium	7440-28-0		12				6.10E-01	7.90E-01			1.3E+02		9.3E-01				
AOI-21	INORG	Vanadium	7440-62-2		12	12	5.40E+00	2.04E+01					5.5E+03		1.8E+01			3.8E-04	
AOI-21	INORG	Zinc	7440-66-6	D	12	7	2.97E+01	2.28E+02	1.60E+00	1.70E+00			6.3E+05		9.0E+01			2.2E-04	
AOI-22	VOC	Acetone	67-64-1	ID	6				5.10E-02	6.80E-02	1.6E+05	1.7E+08	7.3E+04	1.2E+07					
AOI-22	VOC	Benzene	71-43-2	A	6				7.30E-03	9.80E-03	4.5E+01	4.7E+05	4.0E+02	4.1E+02					
AOI-22	VOC	Bromodichloromethane	75-27-4	B2	6				8.70E-03	1.20E-02	3.1E+01	1.1E+05	4.9E+02						
AOI-22	VOC	Bromoform	75-25-2	B2	6				1.20E-02	1.60E-02	3.1E+03	3.6E+06	8.7E+02	9.6E+03					
AOI-22	VOC	Bromomethane	74-83-9	D	6				4.40E-02	5.90E-02	1.3E+01	1.5E+05	1.0E+03	2.5E+02					
AOI-22	VOC	2-Butanone	78-93-3	ID	6				5.50E-02	7.40E-02	3.5E+04	2.9E+07	2.7E+04	3.0E+06					
AOI-22	VOC	Carbon Disulfide	75-15-0		6				4.70E-03	6.40E-03	1.6E+03	2.1E+07	2.8E+02	3.5E+02					
AOI-22	VOC	Carbon Tetrachloride	56-23-5	B2	6				1.50E-02	2.00E-02	1.2E+01	1.7E+05	3.9E+02	7.2E+02					
AOI-22	VOC	Chlorobenzene	108-90-7	D	6				6.10E-03	8.20E-03	9.2E+02	2.1E+06	2.6E+02	1.7E+05					
AOI-22	VOC	Chloroethane	75-00-3		6				5.00E-02	6.70E-02	3.6E+04	2.9E+08	9.5E+02	1.3E+05					
AOI-22	VOC	Chloroform	67-66-3	B2	6				1.30E-02	1.70E-02	1.5E+02	1.6E+06	1.5E+03	1.5E+03					
AOI-22	VOC	Chloromethane	74-87-3	D	6				1.50E-02	2.00E-02	1.2E+02	2.6E+06	1.1E+03	4.7E+03					
AOI-22	VOC	Cumene	98-82-8	D	6				9.00E-03	1.20E-02	2.0E+03	2.6E+06	3.9E+02	7.3E+03					
AOI-22	VOC	Cyclohexane	110-82-7	ID	6				6.50E-03	8.80E-03									
AOI-22	VOC	1,2-Dibromo-3-chloropropane	96-12-8	B2	6				2.40E-02	3.30E-02	1.5E+01	5.9E+03	1.2E+00						
AOI-22	VOC	Dibromochloromethane	124-48-1	C	6				1.20E-02	1.60E-02	8.0E+01	1.6E+05	5.0E+02						
AOI-22	VOC	1,2-Dibromoethane	106-93-4	B2	6				8.00E-03	1.10E-02	5.8E+00	1.8E+04	4.3E-01						
AOI-22	VOC	1,2-Dichlorobenzene	95-50-1	D	6				7.30E-03	9.80E-03	4.6E+04	4.4E+07	2.1E+02	3.5E+05					
AOI-22	VOC	1,3-Dichlorobenzene	541-73-1	D	6				8.80E-03	1.20E-02			1.7E+02						
AOI-22	VOC	1,4-Dichlorobenzene	106-46-7	C	6				9.10E-03	1.20E-02	2.6E+02	5.7E+05	1.9E+03	8.2E+05					
AOI-22	VOC	Dichlorodifluoromethane	75-71-8		6				2.40E-02	3.30E-02	6.3E+04	1.5E+09	1.0E+03	6.7E+04					
AOI-22	VOC	1,1-Dichloroethane	75-34-3	C	6				1.20E-02	1.60E-02	2.5E+03	1.5E+07	8.9E+02	3.8E+04					
AOI-22	VOC	1,2-Dichloroethane	107-06-2	B2	6				1.40E-02	1.80E-02	2.1E+01	1.5E+05	4.2E+02	1.6E+03					
AOI-22	VOC	1,1-Dichloroethene	75-35-4	C	6				8.30E-03	1.10E-02	3.7E+00	7.8E+04	5.7E+02	7.0E+02					
AOI-22	VOC	cis-1,2-Dichloroethene	156-59-2	D	6				8.20E-03	1.10E-02	2.1E+02	1.0E+06	6.4E+02	1.1E+05					
AOI-22	VOC	trans-1,2-Dichloroethene	156-60-5		6				1.10E-02	1.40E-02	3.3E+02	2.1E+06	1.4E+03	6.1E+04					
AOI-22	VOC	1,2-Dichloropropane	78-87-5	B2	6				9.90E-03	1.30E-02	3.0E+01	1.2E+05	5.5E+02	7.3E+04					
AOI-22	VOC	1,3-Dichloropropene (total)	542-75-6	B2	6				8.10E-03	1.10E-02	6.0E+01	5.9E+05	2.4E+02	2.2E+02					
AOI-22	VOC	Ethyl Benzene	100-41-4	D	6				6.90E-03	9.20E-03	2.4E+03	1.3E+07	1.4E+02	1.5E+05					
AOI-22	VOC	2-Hexanone	591-78-6		6				1.70E-02	2.30E-02	1.3E+03	1.2E+06	2.5E+03						
AOI-22	VOC	Methyl Acetate	79-20-9		6	1	4.80E-02	4.80E-02	2.50E-02	3.40E-02				2.0E+06					2.4E-08
AOI-22	VOC	Methyl tert-butyl ether	1634-04-4		6				8.70E-03	1.20E-02	3.0E+04	8.8E+07	5.9E+03						
AOI-22	VOC	4-Methyl-2-pentanone	108-10-1	ID	6				2.50E-02	3.40E-02	5.3E+04	6.0E+07	2.7E+03	1.0E+06					
AOI-22	VOC	Methylcyclohexane	108-87-2		6				9.40E-03	1.30E-02									
AOI-22	VOC	Methylene Chloride	75-09-2	B2	6				1.70E-02	2.30E-02	7.0E+02	8.3E+06	2.3E+03	1.5E+04					
AOI-22	VOC	Styrene	100-42-5		6				7.60E-03	1.00E-02	3.3E+03	6.9E+06	5.2E+02	4.3E+05					
AOI-22	VOC	1,1,2,2-Tetrachloroethane	79-34-5	C	6				1.10E-02	1.40E-02	3.4E+01	6.8E+04	2.4E+02	1.8E+04					
AOI-22	VOC	Tetrachloroethene	127-18-4	C-B2	6				1.20E-02	1.60E-02	6.0E+02	6.8E+06	8.8E+01	1.4E+04					
AOI-22	VOC	Toluene	108-88-3	D	6	3	1.80E-02	2.70E-02	5.90E-03	7.90E-03	3.3E+03	1.2E+07	2.5E+02	8.7E+04		8.2E-06	2.3E-09	1.1E-04	3.1E-07
AOI-22	VOC	1,2,4-Trichlorobenzene	120-82-1	D	6				1.20E-02	1.60E-02	3.4E+04	1.1E+07	1.1E+03						
AOI-22	VOC	1,1,1-Trichloroethane	71-55-6	D	6	1	2.10E-02	2.10E-02	9.40E-03	1.20E-02	4.5E+03	2.9E+07	4.6E+02	1.3E+05		4.7E-06	7.2E-10	4.6E-05	1.6E-07
AOI-22	VOC	1,1,2-Trichloroethane	79-00-5	C	6				8.30E-03	1.10E-02	5.7E+01	2.5E+05	8.4E+02	3.0E+04					
AOI-22	VOC	Trichloroethene	79-01-6	C-B2	6				9.20E-03	1.20E-02	2.6E+02	2.3E+06	5.0E+02	3.9E+04					
AOI-22	VOC	Trichlorofluoromethane	75-69-4		6				9.30E-03	1.20E-02	1.1E+05	1.7E+09	5.6E+02	1.3E+05					
AOI-22	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		6				3.10E-02	4.10E-02	2.1E+05	2.3E+09	5.5E+02	2.2E+05					
AOI-22	VOC	Vinyl Chloride	75-01-4	A	6				1.20E-02	1.60E-02	2.9E+01	8.9E+05	3.4E+01	6.1E+01					
AOI-22	VOC	Xylenes (total)	1330-20-7	ID	6				2.00E-02	2.70E-02	5.4E+04	1.3E+08	1.5E+02	1.9E+05					
AOI-22	SVOC	Acenaphthene	83-32-9		6				1.70E-02	4.10E-01	9.7E+04	6.2E+06	1.3E+05						
AOI-22	SVOC	Acenaphthylene	208-96-8	D	6				2.30E-02	5.60E-01	2.7E+03	1.0E+06	5.2E+03						
AOI-22	SVOC	Acetophenone	98-86-2	D	6				2.50E-02	5.90E-01	5.2E+04	1.4E+07	1.1E+03	2.5E+06					
AOI-22	SVOC	Anthracene	120-12-7	D	6				2.10E-02	5.00E-01	1.6E+06	2.9E+07	7.3E+05						
AOI-22	SVOC	Atrazine	1912-24-9	C	6				2.70E-02	6.50E-01			3.3E+02	6.5E+08					

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-22	SVOC	Benzaldehyde	100-52-7		6				1.70E-02	4.10E-01									
AOI-22	SVOC	Benzo(a)anthracene	56-55-3	B2	6				2.80E-02	6.80E-01			8.0E+01						
AOI-22	SVOC	Benzo(a)pyrene	50-32-8	B2	6				1.80E-02	4.40E-01		1.9E+03	8.0E+00						
AOI-22	SVOC	Benzo(b)fluoranthene	205-99-2	B2	6				2.50E-02	5.90E-01			8.0E+01						
AOI-22	SVOC	Benzo(g,h,i)perylene	191-24-2	D	6				2.00E-02	4.70E-01		3.5E+05	7.0E+03						
AOI-22	SVOC	Benzo(k)fluoranthene	207-08-9	B2	6				2.00E-02	4.70E-01			8.0E+02						
AOI-22	SVOC	Biphenyl	92-52-4	D	6				2.20E-02	5.30E-01									
AOI-22	SVOC	bis(2-Chloroethoxy)methane	111-91-1	D	6				3.20E-02	7.70E-01									
AOI-22	SVOC	bis(2-Chloroethyl) ether	111-44-4	B2	6				2.20E-02	5.30E-01	1.3E+01	1.2E+04	5.8E+01	6.1E+05					
AOI-22	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	6	1	2.60E-02	2.60E-02	1.60E-02	3.80E-01		8.9E+05	1.0E+04	4.8E+12			2.9E-08	2.6E-06	5.5E-15
AOI-22	SVOC	4-Bromophenyl-phenyl ether	101-55-3	D	6				1.80E-02	4.40E-01									
AOI-22	SVOC	Butylbenzylphthalate	85-68-7	C	6				2.60E-02	6.20E-01		2.1E+07	3.1E+02						
AOI-22	SVOC	Caprolactam	105-60-2		6				3.40E-02	8.20E-01		2.9E+05	3.1E+05						
AOI-22	SVOC	Carbazole	86-74-8	B2	6				2.30E-02	5.60E-01			2.4E+03						
AOI-22	SVOC	4-Chloro-3-methylphenol	59-50-7		6				2.30E-02	5.60E-01			1.5E+04						
AOI-22	SVOC	4-Chloroaniline	106-47-8		6				2.50E-02	5.90E-01									
AOI-22	SVOC	2-Chloronaphthalene	91-58-7		6				2.10E-02	5.00E-01			1.8E+05						
AOI-22	SVOC	2-Chlorophenol	95-57-8		6				2.20E-02	5.30E-01			4.5E+03						
AOI-22	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3		6				2.10E-02	5.00E-01									
AOI-22	SVOC	Chrysene	218-01-9	B2	6				2.70E-02	6.50E-01			8.0E+03						
AOI-22	SVOC	Dibenz(a,h)anthracene	53-70-3	B2	6				2.20E-02	5.30E-01			8.0E+00						
AOI-22	SVOC	Dibenzofuran	132-64-9	D	6				2.10E-02	5.00E-01									
AOI-22	SVOC	3,3'-Dichlorobenzidine	91-94-1	B2	6				2.20E-02	5.30E-01		8.2E+03	3.0E+01						
AOI-22	SVOC	2,4-Dichlorophenol	120-83-2		6				2.00E-02	4.70E-01		2.3E+06	1.8E+03						
AOI-22	SVOC	Diethylphthalate	84-66-2	D	6				2.30E-02	5.60E-01		1.5E+06	7.4E+02	2.4E+07					
AOI-22	SVOC	2,4-Dimethylphenol	105-67-9		6				2.20E-02	5.30E-01		2.1E+06	3.6E+04						
AOI-22	SVOC	Dimethylphthalate	131-11-3	D	6				2.10E-02	5.00E-01		1.5E+06	7.9E+02	2.3E+07					
AOI-22	SVOC	Di-n-butylphthalate	84-74-2	D	6				2.80E-02	6.80E-01		1.5E+06	7.6E+02	9.7E+10					
AOI-22	SVOC	4,6-Dinitro-2-methylphenol	534-52-1		6				5.90E-02	1.40E+00			2.6E+02						
AOI-22	SVOC	2,4-Dinitrophenol	51-28-5		6				5.80E-02	1.40E+00									
AOI-22	SVOC	2,4-Dinitrotoluene	121-14-2	B2	6				2.70E-02	6.50E-01		2.0E+04	2.2E+02						
AOI-22	SVOC	2,6-Dinitrotoluene	606-20-2	B2	6				1.80E-02	4.40E-01									
AOI-22	SVOC	Di-n-octylphthalate	117-84-0		6				7.90E-02	1.90E+00			2.0E+04						
AOI-22	SVOC	Fluoranthene	206-44-0	D	6	1	4.50E-01	4.50E-01	2.00E-02	4.70E-01	8.9E+05	4.1E+06	1.3E+05			5.1E-07	1.1E-07	3.5E-06	
AOI-22	SVOC	Fluorene	86-73-7	D	6				1.80E-02	4.40E-01	1.5E+05	4.1E+06	8.7E+04						
AOI-22	SVOC	Hexachlorobenzene	118-74-1	B2	6				2.70E-02	6.50E-01	5.6E+01	8.5E+03	3.7E+01	5.7E+02					
AOI-22	SVOC	Hexachlorobutadiene	87-68-3	C	6				2.00E-02	4.70E-01	4.6E+02	1.8E+05	3.5E+02	8.9E+02					
AOI-22	SVOC	Hexachlorocyclopentadiene	77-47-4	E	6				1.20E-02	2.90E-01	6.0E+01	5.9E+03	7.2E+02	5.8E+03					
AOI-22	SVOC	Hexachloroethane	67-72-1	C	6				2.10E-02	5.00E-01	6.6E+02	1.0E+05	7.3E+02	7.5E+04					
AOI-22	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	6				2.30E-02	5.60E-01			8.0E+01						
AOI-22	SVOC	Isophorone	78-59-1	C	6				2.70E-02	6.50E-01		8.2E+06	2.4E+03	2.0E+06					
AOI-22	SVOC	2-Methylnaphthalene	91-57-6	ID	6				2.10E-02	5.00E-01			2.6E+04						
AOI-22	SVOC	Methylphenol (total)	1319-77-3		6				2.50E-02	5.90E-01		2.9E+06	3.6E+04	2.1E+07					
AOI-22	SVOC	Naphthalene	91-20-3	C	6				2.10E-02	5.00E-01	3.5E+02	8.8E+04	5.2E+04	1.4E+06					
AOI-22	SVOC	2-Nitroaniline	88-74-4		6				1.60E-02	3.80E-01									
AOI-22	SVOC	3-Nitroaniline	99-09-2	C	6				2.70E-02	6.50E-01									
AOI-22	SVOC	4-Nitroaniline	100-01-6	C	6				2.10E-02	5.00E-01				7.7E+07					
AOI-22	SVOC	Nitrobenzene	98-95-3	D	6				3.00E-02	7.10E-01	6.4E+01	2.1E+04	3.4E+02	1.5E+05					
AOI-22	SVOC	2-Nitrophenol	88-75-5		6				2.60E-02	6.20E-01			2.0E+03						
AOI-22	SVOC	4-Nitrophenol	100-02-7		6				6.50E-02	1.60E+00									
AOI-22	SVOC	N-Nitrosodiphenylamine	86-30-6	B2	6				2.30E-02	5.60E-01			7.8E+03						
AOI-22	SVOC	N-Nitroso-di-n-propylamine	621-64-7	B2	6				1.80E-02	4.40E-01		2.0E+03	5.4E+00						
AOI-22	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	C	6				3.30E-02	8.00E-01									
AOI-22	SVOC	Pentachlorophenol	87-86-5	B2	6				7.40E-02	1.80E+00		1.3E+05	3.2E+02	7.8E+07					
AOI-22	SVOC	Phenanthrene	85-01-8	D	6				2.60E-02	6.20E-01	1.9E+02	2.9E+03	5.2E+03						
AOI-22	SVOC	Phenol	108-95-2	ID	6				2.20E-02	5.30E-01		1.8E+07	1.2E+04	2.1E+07					
AOI-22	SVOC	Pyrene	129-00-0	D	6	1	7.90E-01	7.90E-01	2.60E-02	6.20E-01	7.8E+05	2.9E+06	8.4E+04			1.0E-06	2.7E-07	9.4E-06	
AOI-22	SVOC	2,4,5-Trichlorophenol	95-95-4		6				1.80E-02	4.40E-01		1.0E+07	7.3E+04						

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-22	SVOC	2,4,6-Trichlorophenol	88-06-2	B2	6				2.30E-02	5.60E-01		1.3E+06	3.3E+03						
AOI-22	P/PCB	PCBs (total)	1336-36-3	B2	6				2.30E-02	1.20E-01	8.1E+02	6.5E+03	1.6E+01	4.0E+05					
AOI-22	INORG	Aluminum	7429-90-5	D	6	6	1.80E+03	7.71E+03					3.7E+05		7.4E+03			8.6E-04	
AOI-22	INORG	Antimony	7440-36-0		6				2.40E-01	2.80E-01		5.9E+03	6.7E+02		8.0E-01				
AOI-22	INORG	Arsenic	7440-38-2	A	6	6	1.00E+00	7.40E+00				9.1E+02	3.7E+01		6.8E+00		6.6E-04	1.6E-02	
AOI-22	INORG	Barium	7440-39-3	D	6	6	6.30E+00	4.62E+01				1.5E+05	1.3E+05		6.2E+01				
AOI-22	INORG	Beryllium	7440-41-7	B1	6	6	1.10E-01	4.30E-01				5.9E+02	1.6E+03		3.1E-01		2.0E-04	7.2E-05	
AOI-22	INORG	Cadmium	7440-43-9	B1	6	2	3.90E-02	7.50E-02	1.70E-02	2.00E-02		2.2E+03	2.1E+03		1.4E+00				
AOI-22	INORG	Calcium	7440-70-2		6	6	1.42E+04	4.06E+04											
AOI-22	INORG	Chromium (total)	7440-47-3		6	6	4.30E+00	2.10E+01				2.4E+02	9.2E+03		1.8E+01		1.3E-02	3.4E-04	
AOI-22	INORG	Cobalt	7440-48-4	B1	6	6	2.00E+00	7.60E+00				5.9E+03	9.0E+03		5.8E+00		3.0E-04	2.0E-04	
AOI-22	INORG	Copper	7440-50-8	D	6	6	4.20E+00	3.33E+01				5.9E+04	7.3E+04		5.9E+01				
AOI-22	INORG	Cyanide (total)	57-12-5	D	6				9.30E-02	1.10E-01		2.5E+02	2.5E+02						
AOI-22	INORG	Iron	7439-89-6	D	6	6	4.63E+03	2.51E+04					5.8E+05		1.5E+04			1.7E-02	
AOI-22	INORG	Lead	7439-92-1	B2	6	6	2.20E+00	2.87E+01				4.4E+04	9.0E+02		6.8E+01				
AOI-22	INORG	Magnesium	7439-95-4		6	6	1.92E+03	1.45E+04				2.9E+06	1.0E+06				5.0E-03	* 1.5E-02	
AOI-22	INORG	Manganese	7439-96-5	D	6	6	8.55E+01	3.57E+02				1.5E+03	9.0E+04		5.2E+02				
AOI-22	INORG	Mercury	7439-97-6	D	6	1	2.30E-01	2.30E-01	1.80E-02	2.00E-02	6.2E+01	8.8E+03	5.8E+02	1.3E+04	1.9E-01	6.3E-04	4.4E-06	6.7E-05	3.1E-06
AOI-22	INORG	Nickel	7440-02-0	A	6	6	4.50E+00	1.81E+01				1.6E+04	1.5E+05		1.5E+01		1.7E-04	1.9E-05	
AOI-22	INORG	Potassium	7440-09-7		6	6	2.56E+02	8.23E+02											
AOI-22	INORG	Selenium	7782-49-2	D	6	1	3.60E-01	3.60E-01	3.50E-01	3.80E-01		5.9E+04	9.6E+03		7.0E-01				
AOI-22	INORG	Silver	7440-22-4	D	6				1.10E-01	1.20E-01		2.9E+03	9.0E+03		1.0E+00				
AOI-22	INORG	Sodium	7440-23-5		6				4.22E+01	4.93E+01			1.0E+06						
AOI-22	INORG	Thallium	7440-28-0		6				6.10E-01	7.10E-01			1.3E+02		9.3E-01				
AOI-22	INORG	Vanadium	7440-62-2		6	6	8.40E+00	1.92E+01					5.5E+03		1.8E+01			1.6E-04	
AOI-22	INORG	Zinc	7440-66-6	D	6	6	1.63E+01	7.50E+01					6.3E+05		9.0E+01				
AOI-23	VOC	Acetone	67-64-1	ID	10	4	6.10E-02	1.30E-01	5.60E-02	6.10E-02	1.6E+05	1.7E+08	7.3E+04	1.2E+07		8.1E-07	7.6E-10	1.8E-06	1.0E-08
AOI-23	VOC	Benzene	71-43-2	A	10	1	7.00E-02	7.00E-02	7.90E-03	8.70E-03	4.5E+01	4.7E+05	4.0E+02	4.1E+02		1.6E-03	1.5E-07	1.8E-04	1.7E-04
AOI-23	VOC	Bromodichloromethane	75-27-4	B2	10				9.00E-03	1.00E-02	3.1E+01	1.1E+05	4.9E+02						
AOI-23	VOC	Bromoform	75-25-2	B2	10				1.20E-02	1.40E-02	3.1E+03	3.6E+06	8.7E+02	9.6E+03					
AOI-23	VOC	Bromomethane	74-83-9	D	10				4.60E-02	5.30E-02	1.3E+01	1.5E+05	1.0E+03	2.5E+02					
AOI-23	VOC	2-Butanone	78-93-3	ID	10				5.70E-02	6.60E-02	3.5E+04	2.9E+07	2.7E+04	3.0E+06					
AOI-23	VOC	Carbon Disulfide	75-15-0		10	1	2.20E-02	2.20E-02	4.90E-03	5.70E-03	1.6E+03	2.1E+07	2.8E+02	3.5E+02		1.4E-05	1.0E-09	7.9E-05	6.4E-05
AOI-23	VOC	Carbon Tetrachloride	56-23-5	B2	10				1.50E-02	1.80E-02	1.2E+01	1.7E+05	3.9E+02	7.2E+02					
AOI-23	VOC	Chlorobenzene	108-90-7	D	10				6.40E-03	7.30E-03	9.2E+02	2.1E+06	2.6E+02	1.7E+05					
AOI-23	VOC	Chloroethane	75-00-3		10				5.10E-02	5.90E-02	3.6E+04	2.9E+08	9.5E+02	1.3E+05					
AOI-23	VOC	Chloroform	67-66-3	B2	10				1.30E-02	1.50E-02	1.5E+02	1.6E+06	1.5E+03	1.5E+03					
AOI-23	VOC	Chloromethane	74-87-3	D	10				1.50E-02	1.80E-02	1.2E+02	2.6E+06	1.1E+03	4.7E+03					
AOI-23	VOC	Cumene	98-82-8	D	10	1	9.00E-02	9.00E-02	9.80E-03	1.10E-02	2.0E+03	2.6E+06	3.9E+02	7.3E+03		4.5E-05	3.5E-08	2.3E-04	1.2E-05
AOI-23	VOC	Cyclohexane	110-82-7	ID	10	2	2.00E-02	1.80E-01	7.10E-03	7.80E-03									
AOI-23	VOC	1,2-Dibromo-3-chloropropane	96-12-8	B2	10				2.50E-02	2.90E-02	1.5E+01	5.9E+03	1.2E+00						
AOI-23	VOC	Dibromochloromethane	124-48-1	C	10				1.20E-02	1.40E-02	8.0E+01	1.6E+05	5.0E+02						
AOI-23	VOC	1,2-Dibromoethane	106-93-4	B2	10				8.30E-03	9.60E-03	5.8E+00	1.8E+04	4.3E-01						
AOI-23	VOC	1,2-Dichlorobenzene	95-50-1	D	10				7.60E-03	8.70E-03	4.6E+04	4.4E+07	2.1E+02	3.5E+05					
AOI-23	VOC	1,3-Dichlorobenzene	541-73-1	D	10				9.10E-03	1.00E-02			1.7E+02						
AOI-23	VOC	1,4-Dichlorobenzene	106-46-7	C	10				9.40E-03	1.10E-02	2.6E+02	5.7E+05	1.9E+03	8.2E+05					
AOI-23	VOC	Dichlorodifluoromethane	75-71-8		10				2.50E-02	2.90E-02	6.3E+04	1.5E+09	1.0E+03	6.7E+04					
AOI-23	VOC	1,1-Dichloroethane	75-34-3	C	10				1.20E-02	1.40E-02	2.5E+03	1.5E+07	8.9E+02	3.8E+04					
AOI-23	VOC	1,2-Dichloroethane	107-06-2	B2	10				1.40E-02	1.60E-02	2.1E+01	1.5E+05	4.2E+02	1.6E+03					
AOI-23	VOC	1,1-Dichloroethene	75-35-4	C	10				8.70E-03	1.00E-02	3.7E+00	7.8E+04	5.7E+02	7.0E+02					
AOI-23	VOC	cis-1,2-Dichloroethene	156-59-2	D	10	1	3.60E-02	3.60E-02	8.50E-03	9.70E-03	2.1E+02	1.0E+06	6.4E+02	1.1E+05		1.7E-04	3.6E-08	5.6E-05	3.4E-07
AOI-23	VOC	trans-1,2-Dichloroethene	156-60-5		10				1.10E-02	1.30E-02	3.3E+02	2.1E+06	1.4E+03	6.1E+04					
AOI-23	VOC	1,2-Dichloropropane	78-87-5	B2	10				1.00E-02	1.20E-02	3.0E+01	1.2E+05	5.5E+02	7.3E+04					
AOI-23	VOC	1,3-Dichloropropene (total)	542-75-6	B2	10				8.40E-03	9.70E-03	6.0E+01	5.9E+05	2.4E+02	2.2E+02					
AOI-23	VOC	Ethyl Benzene	100-41-4	D	10	1	1.50E-01	1.50E-01	7.50E-03	8.20E-03	2.4E+03	1.3E+07	1.4E+02	1.5E+05		6.3E-05	1.2E-08	1.1E-03	9.8E-07
AOI-23	VOC	2-Hexanone	591-78-6		10				1.80E-02	2.00E-02	1.3E+03	1.2E+06	2.5E+03						
AOI-23	VOC	Methyl Acetate	79-20-9		10	1	4.30E-02	4.30E-02	2.60E-02	3.00E-02				2.0E+06					2.1E-08
AOI-23	VOC	Methyl tert-butyl ether	1634-04-4		10				9.00E-03	1.00E-02	3.0E+04	8.8E+07	5.9E+03						

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)		Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-23	VOC	4-Methyl-2-pentanone	108-10-1	ID	10				2.60E-02	3.00E-02	5.3E+04	6.0E+07	2.7E+03	1.0E+06						
AOI-23	VOC	Methylcyclohexane	108-87-2		10	2	6.20E-02	5.10E-01	1.00E-02	1.10E-02										
AOI-23	VOC	Methylene Chloride	75-09-2	B2	10				1.80E-02	2.00E-02	7.0E+02	8.3E+06	2.3E+03	1.5E+04						
AOI-23	VOC	Styrene	100-42-5		10				7.90E-03	9.10E-03	3.3E+03	6.9E+06	5.2E+02	4.3E+05						
AOI-23	VOC	1,1,2,2-Tetrachloroethane	79-34-5	C	10				1.10E-02	1.30E-02	3.4E+01	6.8E+04	2.4E+02	1.8E+04						
AOI-23	VOC	Tetrachloroethene	127-18-4	C-B2	10	2	4.50E-01	1.80E+00	1.30E-02	1.40E-02	6.0E+02	6.8E+06	8.8E+01	1.4E+04			3.0E-03	2.6E-07	2.0E-02	1.3E-04
AOI-23	VOC	Toluene	108-88-3	D	10	2	4.80E-02	5.70E-01	6.40E-03	7.10E-03	3.3E+03	1.2E+07	2.5E+02	8.7E+04			1.7E-04	4.8E-08	2.3E-03	6.6E-06
AOI-23	VOC	1,2,4-Trichlorobenzene	120-82-1	D	10				1.20E-02	1.40E-02	3.4E+04	1.1E+07	1.1E+03							
AOI-23	VOC	1,1,1-Trichloroethane	71-55-6	D	10				9.70E-03	1.10E-02	4.5E+03	2.9E+07	4.6E+02	1.3E+05						
AOI-23	VOC	1,1,2-Trichloroethane	79-00-5	C	10				8.70E-03	1.00E-02	5.7E+01	2.5E+05	8.4E+02	3.0E+04						
AOI-23	VOC	Trichloroethene	79-01-6	C-B2	10				9.50E-03	1.10E-02	2.6E+02	2.3E+06	5.0E+02	3.9E+04						
AOI-23	VOC	Trichlorofluoromethane	75-69-4		10				9.60E-03	1.10E-02	1.1E+05	1.7E+09	5.6E+02	1.3E+05						
AOI-23	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		10				3.20E-02	3.70E-02	2.1E+05	2.3E+09	5.5E+02	2.2E+05						
AOI-23	VOC	Vinyl Chloride	75-01-4	A	10				1.20E-02	1.40E-02	2.9E+01	8.9E+05	3.4E+01	6.1E+01						
AOI-23	VOC	Xylenes (total)	1330-20-7	ID	10	2	9.50E-02	7.30E-01	2.20E-02	2.40E-02	5.4E+04	1.3E+08	1.5E+02	1.9E+05			1.4E-05	5.6E-09	4.9E-03	3.9E-06
AOI-23	SVOC	Acenaphthene	83-32-9		10				1.50E-02	1.80E-02	9.7E+04	6.2E+06	1.3E+05							
AOI-23	SVOC	Acenaphthylene	208-96-8	D	10				2.10E-02	2.40E-02	2.7E+03	1.0E+06	5.2E+03							
AOI-23	SVOC	Acetophenone	98-86-2	D	10				2.20E-02	2.50E-02	5.2E+04	1.4E+07	1.1E+03	2.5E+06						
AOI-23	SVOC	Anthracene	120-12-7	D	10	1	9.00E-02	9.00E-02	1.90E-02	2.10E-02	1.6E+06	2.9E+07	7.3E+05				5.6E-08	3.1E-09	1.2E-07	
AOI-23	SVOC	Atrazine	1912-24-9	C	10				2.40E-02	2.80E-02			3.3E+02	6.5E+08						
AOI-23	SVOC	Benzaldehyde	100-52-7		10				1.50E-02	1.80E-02										
AOI-23	SVOC	Benzo(a)anthracene	56-55-3	B2	10	1	2.30E-01	2.30E-01	2.50E-02	2.90E-02			8.0E+01						2.9E-03	
AOI-23	SVOC	Benzo(a)pyrene	50-32-8	B2	10	1	2.10E-01	2.10E-01	1.60E-02	1.90E-02		1.9E+03	8.0E+00					1.1E-04	2.6E-02	
AOI-23	SVOC	Benzo(b)fluoranthene	205-99-2	B2	10	1	2.30E-01	2.30E-01	2.20E-02	2.50E-02			8.0E+01						2.9E-03	
AOI-23	SVOC	Benzo(g,h,i)perylene	191-24-2	D	10	1	1.30E-01	1.30E-01	1.80E-02	2.00E-02		3.5E+05	7.0E+03					3.7E-07	1.9E-05	
AOI-23	SVOC	Benzo(k)fluoranthene	207-08-9	B2	10	1	1.40E-01	1.40E-01	1.80E-02	2.00E-02			8.0E+02						1.8E-04	
AOI-23	SVOC	Biphenyl	92-52-4	D	10				2.00E-02	2.30E-02										
AOI-23	SVOC	bis(2-Chloroethoxy)methane	111-91-1	D	10				2.80E-02	3.30E-02										
AOI-23	SVOC	bis(2-Chloroethyl) ether	111-44-4	B2	10				2.00E-02	2.30E-02	1.3E+01	1.2E+04	5.8E+01	6.1E+05						
AOI-23	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	10				1.40E-02	1.60E-02		8.9E+05	1.0E+04	4.8E+12						
AOI-23	SVOC	4-Bromophenyl-phenyl ether	101-55-3	D	10				1.60E-02	1.90E-02										
AOI-23	SVOC	Butylbenzylphthalate	85-68-7	C	10				2.30E-02	2.70E-02		2.1E+07	3.1E+02							
AOI-23	SVOC	Caprolactam	105-60-2		10				3.10E-02	3.50E-02		2.9E+05	3.1E+05							
AOI-23	SVOC	Carbazole	86-74-8	B2	10	1	5.00E-02	5.00E-02	2.10E-02	2.40E-02			2.4E+03						2.1E-05	
AOI-23	SVOC	4-Chloro-3-methylphenol	59-50-7		10				2.10E-02	2.40E-02			1.5E+04							
AOI-23	SVOC	4-Chloroaniline	106-47-8		10				2.20E-02	2.50E-02										
AOI-23	SVOC	2-Chloronaphthalene	91-58-7		10				1.90E-02	2.10E-02			1.8E+05							
AOI-23	SVOC	2-Chlorophenol	95-57-8		10				2.00E-02	2.30E-02			4.5E+03							
AOI-23	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3		10				1.90E-02	2.10E-02										
AOI-23	SVOC	Chrysene	218-01-9	B2	10	2	3.70E-02	2.50E-01	2.50E-02	2.80E-02			8.0E+03						3.1E-05	
AOI-23	SVOC	Dibenz(a,h)anthracene	53-70-3	B2	10				2.00E-02	2.30E-02			8.0E+00							
AOI-23	SVOC	Dibenzofuran	132-64-9	D	10				1.90E-02	2.10E-02										
AOI-23	SVOC	3,3'-Dichlorobenzidine	91-94-1	B2	10				2.00E-02	2.30E-02		8.2E+03	3.0E+01							
AOI-23	SVOC	2,4-Dichlorophenol	120-83-2		10				1.80E-02	2.00E-02		2.3E+06	1.8E+03							
AOI-23	SVOC	Diethylphthalate	84-66-2	D	10				2.10E-02	2.40E-02		1.5E+06	7.4E+02	2.4E+07						
AOI-23	SVOC	2,4-Dimethylphenol	105-67-9		10				2.00E-02	2.30E-02		2.1E+06	3.6E+04							
AOI-23	SVOC	Dimethylphthalate	131-11-3	D	10				1.90E-02	2.10E-02		1.5E+06	7.9E+02	2.3E+07						
AOI-23	SVOC	Di-n-butylphthalate	84-74-2	D	10				2.50E-02	2.90E-02		1.5E+06	7.6E+02	9.7E+10						
AOI-23	SVOC	4,6-Dinitro-2-methylphenol	534-52-1		10				5.30E-02	6.10E-02			2.6E+02							
AOI-23	SVOC	2,4-Dinitrophenol	51-28-5		10				5.10E-02	5.90E-02										
AOI-23	SVOC	2,4-Dinitrotoluene	121-14-2	B2	10				2.40E-02	2.80E-02		2.0E+04	2.2E+02							
AOI-23	SVOC	2,6-Dinitrotoluene	606-20-2	B2	10				1.60E-02	1.90E-02										
AOI-23	SVOC	Di-n-octylphthalate	117-84-0		10				7.00E-02	8.10E-02			2.0E+04							
AOI-23	SVOC	Fluoranthene	206-44-0	D	10	2	4.90E-02	5.00E-01	1.80E-02	2.00E-02	8.9E+05	4.1E+06	1.3E+05				5.6E-07	1.2E-07	3.8E-06	
AOI-23	SVOC	Fluorene	86-73-7	D	10				1.60E-02	1.90E-02	1.5E+05	4.1E+06	8.7E+04							
AOI-23	SVOC	Hexachlorobenzene	118-74-1	B2	10				2.40E-02	2.80E-02	5.6E+01	8.5E+03	3.7E+01	5.7E+02						
AOI-23	SVOC	Hexachlorobutadiene	87-68-3	C	10				1.80E-02	2.00E-02	4.6E+02	1.8E+05	3.5E+02	8.9E+02						
AOI-23	SVOC	Hexachlorocyclopentadiene	77-47-4	E	10				1.10E-02	1.30E-02	6.0E+01	5.9E+03	7.2E+02	5.8E+03						

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-23	SVOC	Hexachloroethane	67-72-1	C	10				1.90E-02	2.10E-02	6.6E+02	1.0E+05	7.3E+02	7.5E+04					
AOI-23	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	10	1	1.20E-01	1.20E-01	2.10E-02	2.40E-02			8.0E+01					1.5E-03	
AOI-23	SVOC	Isophorone	78-59-1	C	10				2.40E-02	2.80E-02		8.2E+06	2.4E+03	2.0E+06					
AOI-23	SVOC	2-Methylnaphthalene	91-57-6	ID	10	1	4.60E-02	4.60E-02	2.00E-02	2.10E-02			2.6E+04					1.8E-06	
AOI-23	SVOC	Methylphenol (total)	1319-77-3		10				2.20E-02	2.50E-02		2.9E+06	3.6E+04	2.1E+07					
AOI-23	SVOC	Naphthalene	91-20-3	C	10				1.90E-02	2.10E-02	3.5E+02	8.8E+04	5.2E+04	1.4E+06					
AOI-23	SVOC	2-Nitroaniline	88-74-4		10				1.40E-02	1.60E-02									
AOI-23	SVOC	3-Nitroaniline	99-09-2	C	10				2.40E-02	2.80E-02									
AOI-23	SVOC	4-Nitroaniline	100-01-6	C	10				1.90E-02	2.10E-02				7.7E+07					
AOI-23	SVOC	Nitrobenzene	98-95-3	D	10				2.60E-02	3.00E-02	6.4E+01	2.1E+04	3.4E+02	1.5E+05					
AOI-23	SVOC	2-Nitrophenol	88-75-5		10				2.30E-02	2.70E-02			2.0E+03						
AOI-23	SVOC	4-Nitrophenol	100-02-7		10				5.80E-02	6.70E-02									
AOI-23	SVOC	N-Nitrosodiphenylamine	86-30-6	B2	10				2.10E-02	2.40E-02			7.8E+03						
AOI-23	SVOC	N-Nitroso-di-n-propylamine	621-64-7	B2	10				1.60E-02	1.90E-02		2.0E+03	5.4E+00						
AOI-23	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	C	10				3.00E-02	3.40E-02									
AOI-23	SVOC	Pentachlorophenol	87-86-5	B2	10				6.60E-02	7.60E-02		1.3E+05	3.2E+02	7.8E+07					
AOI-23	SVOC	Phenanthrene	85-01-8	D	10	2	5.40E-02	3.50E-01	2.40E-02	2.70E-02	1.9E+02	2.9E+03	5.2E+03			1.8E-03	1.2E-04	6.7E-05	
AOI-23	SVOC	Phenol	108-95-2	ID	10				2.00E-02	2.30E-02		1.8E+07	1.2E+04	2.1E+07					
AOI-23	SVOC	Pyrene	129-00-0	D	10	2	4.40E-02	3.90E-01	2.40E-02	2.70E-02	7.8E+05	2.9E+06	8.4E+04			5.0E-07	1.3E-07	4.6E-06	
AOI-23	SVOC	2,4,5-Trichlorophenol	95-95-4		10				1.60E-02	1.90E-02		1.0E+07	7.3E+04						
AOI-23	SVOC	2,4,6-Trichlorophenol	88-06-2	B2	10				2.10E-02	2.40E-02		1.3E+06	3.3E+03						
AOI-23	P/PCB	PCBs (total)	1336-36-3	B2	10	1	5.77E-02	5.77E-02	2.20E-02	2.50E-02	8.1E+02	6.5E+03	1.6E+01	4.0E+05		7.1E-05	8.9E-06	3.6E-03	1.5E-07
AOI-23	INORG	Aluminum	7429-90-5	D	10	10	9.33E+02	8.67E+03					3.7E+05		7.4E+03			3.5E-03	
AOI-23	INORG	Antimony	7440-36-0		10	3	3.60E-01	4.40E-01	2.60E-01	2.90E-01		5.9E+03	6.7E+02		8.0E-01				
AOI-23	INORG	Arsenic	7440-38-2	A	10	10	2.80E+00	7.60E+00				9.1E+02	3.7E+01		6.8E+00		8.8E-04	2.2E-02	
AOI-23	INORG	Barium	7440-39-3	D	10	10	3.30E+00	5.39E+01				1.5E+05	1.3E+05		6.2E+01				
AOI-23	INORG	Beryllium	7440-41-7	B1	10	9	1.00E-01	4.80E-01	8.20E-02	8.20E-02		5.9E+02	1.6E+03		3.1E-01		2.8E-04	1.0E-04	
AOI-23	INORG	Cadmium	7440-43-9	B1	10	6	3.20E-02	9.80E-02	1.80E-02	2.00E-02		2.2E+03	2.1E+03		1.4E+00				
AOI-23	INORG	Calcium	7440-70-2		10	10	2.11E+03	9.05E+04											
AOI-23	INORG	Chromium (total)	7440-47-3		10	10	2.50E+00	2.12E+01				2.4E+02	9.2E+03		1.8E+01		1.4E-02	3.6E-04	
AOI-23	INORG	Cobalt	7440-48-4	B1	10	10	1.70E+00	7.10E+00				5.9E+03	9.0E+03		5.8E+00		2.2E-04	1.4E-04	
AOI-23	INORG	Copper	7440-50-8	D	10	10	4.60E+00	4.10E+01				5.9E+04	7.3E+04		5.9E+01				
AOI-23	INORG	Cyanide (total)	57-12-5	D	10	2	1.10E-01	2.20E-01	9.60E-02	1.10E-01		2.5E+02	2.5E+02				8.8E-04	8.8E-04	
AOI-23	INORG	Iron	7439-89-6	D	10	10	3.05E+03	1.76E+04					5.8E+05		1.5E+04			3.7E-03	
AOI-23	INORG	Lead	7439-92-1	B2	10	10	2.00E+00	1.05E+01				4.4E+04	9.0E+02		6.8E+01				
AOI-23	INORG	Magnesium	7439-95-4		10	10	1.50E+03	2.84E+04				2.9E+06	1.0E+06				9.8E-03	2.8E-02	
AOI-23	INORG	Manganese	7439-96-5	D	10	10	8.65E+01	4.47E+02				1.5E+03	9.0E+04		5.2E+02				
AOI-23	INORG	Mercury	7439-97-6	D	10	5	1.90E-02	3.10E-02	1.90E-02	2.00E-02	6.2E+01	8.8E+03	5.8E+02	1.3E+04	1.9E-01				
AOI-23	INORG	Nickel	7440-02-0	A	10	10	3.20E+00	1.81E+01				1.6E+04	1.5E+05		1.5E+01		1.7E-04	1.9E-05	
AOI-23	INORG	Potassium	7440-09-7		10	10	1.23E+02	1.22E+03											
AOI-23	INORG	Selenium	7782-49-2	D	10				3.40E-01	3.90E-01		5.9E+04	9.6E+03		7.0E-01				
AOI-23	INORG	Silver	7440-22-4	D	10	1	3.30E-01	3.30E-01	1.20E-01	1.30E-01		2.9E+03	9.0E+03		1.0E+00				
AOI-23	INORG	Sodium	7440-23-5		10	7	6.72E+01	5.81E+02	4.64E+01	4.80E+01			1.0E+06					5.8E-04	
AOI-23	INORG	Thallium	7440-28-0		10				6.40E-01	7.30E-01			1.3E+02		9.3E-01				
AOI-23	INORG	Vanadium	7440-62-2		10	10	3.90E+00	2.11E+01					5.5E+03		1.8E+01			5.1E-04	
AOI-23	INORG	Zinc	7440-66-6	D	10	10	1.61E+01	4.25E+01					6.3E+05		9.0E+01				
AOI-25	VOC	Acetone	67-64-1	ID	15	3	1.40E-01	4.10E-01	5.40E-02	9.40E-01	1.6E+05	1.7E+08	7.3E+04	1.2E+07		2.6E-06	2.4E-09	5.6E-06	3.3E-08
AOI-25	VOC	Benzene	71-43-2	A	15	5	4.20E-02	1.90E-01	7.80E-03	9.70E-03	4.5E+01	4.7E+05	4.0E+02	4.1E+02		4.2E-03	4.0E-07	4.8E-04	4.6E-04
AOI-25	VOC	Bromodichloromethane	75-27-4	B2	15				9.30E-03	1.60E-01	3.1E+01	1.1E+05	4.9E+02						
AOI-25	VOC	Bromoform	75-25-2	B2	15				1.20E-02	2.20E-01	3.1E+03	3.6E+06	8.7E+02	9.6E+03					
AOI-25	VOC	Bromomethane	74-83-9	D	15				4.80E-02	8.30E-01	1.3E+01	1.5E+05	1.0E+03	2.5E+02					
AOI-25	VOC	2-Butanone	78-93-3	ID	15	3	8.80E-02	1.90E-01	5.90E-02	1.00E+00	3.5E+04	2.9E+07	2.7E+04	3.0E+06		5.4E-06	6.6E-09	7.0E-06	6.4E-08
AOI-25	VOC	Carbon Disulfide	75-15-0		15	1	1.40E-02	1.40E-02	5.10E-03	8.80E-02	1.6E+03	2.1E+07	2.8E+02	3.5E+02		8.8E-06	6.7E-10	5.0E-05	4.0E-05
AOI-25	VOC	Carbon Tetrachloride	56-23-5	B2	15				1.60E-02	2.80E-01	1.2E+01	1.7E+05	3.9E+02	7.2E+02					
AOI-25	VOC	Chlorobenzene	108-90-7	D	15				6.60E-03	1.10E-01	9.2E+02	2.1E+06	2.6E+02	1.7E+05					
AOI-25	VOC	Chloroethane	75-00-3		15				5.30E-02	9.20E-01	3.6E+04	2.9E+08	9.5E+02	1.3E+05					
AOI-25	VOC	Chloroform	67-66-3	B2	15				1.40E-02	2.40E-01	1.5E+02	1.6E+06	1.5E+03	1.5E+03					
AOI-25	VOC	Chloromethane	74-87-3	D	15				1.60E-02	2.80E-01	1.2E+02	2.6E+06	1.1E+03	4.7E+03					

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-25	VOC	Cumene	98-82-8	D	15	4	3.60E-02	9.90E-02	9.60E-03	1.70E-01	2.0E+03	2.6E+06	3.9E+02	7.3E+03		5.0E-05	3.8E-08	2.5E-04	1.4E-05
AOI-25	VOC	Cyclohexane	110-82-7	ID	15	4	3.80E-02	2.00E-01	7.00E-03	1.20E-01									
AOI-25	VOC	1,2-Dibromo-3-chloropropane	96-12-8	B2	15				2.60E-02	4.50E-01	1.5E+01	5.9E+03	1.2E+00						
AOI-25	VOC	Dibromochloromethane	124-48-1	C	15				1.20E-02	2.20E-01	8.0E+01	1.6E+05	5.0E+02						
AOI-25	VOC	1,2-Dibromoethane	106-93-4	B2	15				8.60E-03	1.50E-01	5.8E+00	1.8E+04	4.3E-01						
AOI-25	VOC	1,2-Dichlorobenzene	95-50-1	D	15				7.80E-03	1.40E-01	4.6E+04	4.4E+07	2.1E+02	3.5E+05					
AOI-25	VOC	1,3-Dichlorobenzene	541-73-1	D	15				9.40E-03	1.60E-01			1.7E+02						
AOI-25	VOC	1,4-Dichlorobenzene	106-46-7	C	15				9.80E-03	1.70E-01	2.6E+02	5.7E+05	1.9E+03	8.2E+05					
AOI-25	VOC	Dichlorodifluoromethane	75-71-8		15				2.60E-02	4.50E-01	6.3E+04	1.5E+09	1.0E+03	6.7E+04					
AOI-25	VOC	1,1-Dichloroethane	75-34-3	C	15	4	6.30E-02	1.50E+00	1.20E-02	1.60E-02	2.5E+03	1.5E+07	8.9E+02	3.8E+04		6.0E-04	1.0E-07	1.7E-03	3.9E-05
AOI-25	VOC	1,2-Dichloroethane	107-06-2	B2	15				1.50E-02	2.60E-01	2.1E+01	1.5E+05	4.2E+02	1.6E+03					
AOI-25	VOC	1,1-Dichloroethene	75-35-4	C	15	2	5.50E-02	1.10E-01	9.00E-03	1.60E-01	3.7E+00	7.8E+04	5.7E+02	7.0E+02		3.0E-02	1.4E-06	1.9E-04	1.6E-04
AOI-25	VOC	cis-1,2-Dichloroethene	156-59-2	D	15				8.90E-03	1.50E-01	2.1E+02	1.0E+06	6.4E+02	1.1E+05					
AOI-25	VOC	trans-1,2-Dichloroethene	156-60-5		15				1.10E-02	2.00E-01	3.3E+02	2.1E+06	1.4E+03	6.1E+04					
AOI-25	VOC	1,2-Dichloropropane	78-87-5	B2	15				1.10E-02	1.80E-01	3.0E+01	1.2E+05	5.5E+02	7.3E+04					
AOI-25	VOC	1,3-Dichloropropene (total)	542-75-6	B2	15				8.70E-03	1.50E-01	6.0E+01	5.9E+05	2.4E+02	2.2E+02					
AOI-25	VOC	Ethyl Benzene	100-41-4	D	15	6	6.80E-02	6.60E-01	7.40E-03	9.20E-03	2.4E+03	1.3E+07	1.4E+02	1.5E+05		2.8E-04	5.1E-08	4.7E-03	4.3E-06
AOI-25	VOC	2-Hexanone	591-78-6		15				1.80E-02	3.10E-01	1.3E+03	1.2E+06	2.5E+03						
AOI-25	VOC	Methyl Acetate	79-20-9		15	4	5.00E-02	8.00E-01	2.70E-02	4.70E-01				2.0E+06					3.9E-07
AOI-25	VOC	Methyl tert-butyl ether	1634-04-4		15				9.30E-03	1.60E-01	3.0E+04	8.8E+07	5.9E+03						
AOI-25	VOC	4-Methyl-2-pentanone	108-10-1	ID	15	3	3.00E-02	2.10E-01	2.70E-02	4.70E-01	5.3E+04	6.0E+07	2.7E+03	1.0E+06		4.0E-06	3.5E-09	7.8E-05	2.0E-07
AOI-25	VOC	Methylcyclohexane	108-87-2		15	7	3.90E-02	6.70E-01	1.00E-02	1.30E-02									
AOI-25	VOC	Methylene Chloride	75-09-2	B2	15				1.80E-02	3.10E-01	7.0E+02	8.3E+06	2.3E+03	1.5E+04					
AOI-25	VOC	Styrene	100-42-5		15				8.20E-03	1.40E-01	3.3E+03	6.9E+06	5.2E+02	4.3E+05					
AOI-25	VOC	1,1,2,2-Tetrachloroethane	79-34-5	C	15				1.10E-02	2.00E-01	3.4E+01	6.8E+04	2.4E+02	1.8E+04					
AOI-25	VOC	Tetrachloroethene	127-18-4	C-B2	15				1.20E-02	2.20E-01	6.0E+02	6.8E+06	8.8E+01	1.4E+04					
AOI-25	VOC	Toluene	108-88-3	D	15	7	7.30E-02	3.90E+01	6.40E-03	7.90E-03	3.3E+03	1.2E+07	2.5E+02	8.7E+04		1.2E-02	3.3E-06	1.6E-01	4.5E-04
AOI-25	VOC	1,2,4-Trichlorobenzene	120-82-1	D	15				1.20E-02	2.20E-01	3.4E+04	1.1E+07	1.1E+03						
AOI-25	VOC	1,1,1-Trichloroethane	71-55-6	D	15	7	2.10E-02	4.40E+00	1.00E-02	1.30E-02	4.5E+03	2.9E+07	4.6E+02	1.3E+05		9.8E-04	1.5E-07	9.6E-03	3.4E-05
AOI-25	VOC	1,1,2-Trichloroethane	79-00-5	C	15				9.00E-03	1.60E-01	5.7E+01	2.5E+05	8.4E+02	3.0E+04					
AOI-25	VOC	Trichloroethene	79-01-6	C-B2	15				9.90E-03	1.70E-01	2.6E+02	2.3E+06	5.0E+02	3.9E+04					
AOI-25	VOC	Trichlorofluoromethane	75-69-4		15				1.00E-02	1.70E-01	1.1E+05	1.7E+09	5.6E+02	1.3E+05					
AOI-25	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		15				3.30E-02	5.70E-01	2.1E+05	2.3E+09	5.5E+02	2.2E+05					
AOI-25	VOC	Vinyl Chloride	75-01-4	A	15				1.20E-02	2.20E-01	2.9E+01	8.9E+05	3.4E+01	6.1E+01					
AOI-25	VOC	Xylenes (total)	1330-20-7	ID	15	7	9.40E-02	3.10E+00	2.20E-02	2.70E-02	5.4E+04	1.3E+08	1.5E+02	1.9E+05		5.7E-05	2.4E-08	2.1E-02	1.7E-05
AOI-25	SVOC	Acenaphthene	83-32-9		15				1.60E-02	1.80E-02	9.7E+04	6.2E+06	1.3E+05						
AOI-25	SVOC	Acenaphthylene	208-96-8	D	15	1	5.30E-02	5.30E-02	2.20E-02	2.40E-02	2.7E+03	1.0E+06	5.2E+03			2.0E-05	5.3E-08	1.0E-05	
AOI-25	SVOC	Acetophenone	98-86-2	D	15				2.30E-02	2.60E-02	5.2E+04	1.4E+07	1.1E+03	2.5E+06					
AOI-25	SVOC	Anthracene	120-12-7	D	15	1	5.70E-02	5.70E-02	1.90E-02	2.20E-02	1.6E+06	2.9E+07	7.3E+05			3.6E-08	2.0E-09	7.8E-08	
AOI-25	SVOC	Atrazine	1912-24-9	C	15				2.50E-02	2.90E-02			3.3E+02	6.5E+08					
AOI-25	SVOC	Benzaldehyde	100-52-7		15				1.60E-02	1.80E-02									
AOI-25	SVOC	Benzo(a)anthracene	56-55-3	B2	15	2	5.70E-02	1.80E-01	2.60E-02	2.90E-02			8.0E+01					2.3E-03	
AOI-25	SVOC	Benzo(a)pyrene	50-32-8	B2	15	2	7.20E-02	2.00E-01	1.70E-02	1.90E-02		1.9E+03	8.0E+00				1.1E-04	2.5E-02	
AOI-25	SVOC	Benzo(b)fluoranthene	205-99-2	B2	15	2	1.30E-01	4.10E-01	2.30E-02	2.50E-02			8.0E+01					5.1E-03	
AOI-25	SVOC	Benzo(g,h,i)perylene	191-24-2	D	15	2	4.80E-02	1.70E-01	1.80E-02	2.00E-02		3.5E+05	7.0E+03				4.9E-07	2.4E-05	
AOI-25	SVOC	Benzo(k)fluoranthene	207-08-9	B2	15	2	5.20E-02	2.10E-01	1.80E-02	2.00E-02			8.0E+02					2.6E-04	
AOI-25	SVOC	Biphenyl	92-52-4	D	15				2.00E-02	2.40E-02									
AOI-25	SVOC	bis(2-Chloroethoxy)methane	111-91-1	D	15				3.00E-02	3.40E-02									
AOI-25	SVOC	bis(2-Chloroethyl) ether	111-44-4	B2	15				2.00E-02	2.40E-02	1.3E+01	1.2E+04	5.8E+01	6.1E+05					
AOI-25	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	15				1.50E-02	1.70E-02		8.9E+05	1.0E+04	4.8E+12					
AOI-25	SVOC	4-Bromophenyl-phenyl ether	101-55-3	D	15				1.70E-02	2.00E-02									
AOI-25	SVOC	Butylbenzylphthalate	85-68-7	C	15				2.40E-02	2.80E-02		2.1E+07	3.1E+02						
AOI-25	SVOC	Caprolactam	105-60-2		15				3.20E-02	3.70E-02		2.9E+05	3.1E+05						
AOI-25	SVOC	Carbazole	86-74-8	B2	15	1	4.50E-02	4.50E-02	2.20E-02	2.40E-02			2.4E+03					1.9E-05	
AOI-25	SVOC	4-Chloro-3-methylphenol	59-50-7		15				2.20E-02	2.50E-02			1.5E+04						
AOI-25	SVOC	4-Chloroaniline	106-47-8		15				2.30E-02	2.60E-02									
AOI-25	SVOC	2-Chloronaphthalene	91-58-7		15				1.90E-02	2.20E-02			1.8E+05						
AOI-25	SVOC	2-Chlorophenol	95-57-8		15				2.00E-02	2.40E-02			4.5E+03						

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-25	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3		15				1.90E-02	2.20E-02									
AOI-25	SVOC	Chrysene	218-01-9	B2	15	2	9.30E-02	3.00E-01	2.50E-02	2.80E-02			8.0E+03					3.8E-05	
AOI-25	SVOC	Dibenz(a,h)anthracene	53-70-3	B2	15				2.00E-02	2.40E-02			8.0E+00						
AOI-25	SVOC	Dibenzofuran	132-64-9	D	15	1	1.20E-01	1.20E-01	1.90E-02	2.20E-02									
AOI-25	SVOC	3,3'-Dichlorobenzidine	91-94-1	B2	15				2.00E-02	2.40E-02		8.2E+03	3.0E+01						
AOI-25	SVOC	2,4-Dichlorophenol	120-83-2		15				1.80E-02	2.10E-02		2.3E+06	1.8E+03						
AOI-25	SVOC	Diethylphthalate	84-66-2	D	15				2.20E-02	2.50E-02		1.5E+06	7.4E+02	2.4E+07					
AOI-25	SVOC	2,4-Dimethylphenol	105-67-9		15				2.00E-02	2.40E-02		2.1E+06	3.6E+04						
AOI-25	SVOC	Dimethylphthalate	131-11-3	D	15				1.90E-02	2.20E-02		1.5E+06	7.9E+02	2.3E+07					
AOI-25	SVOC	Di-n-butylphthalate	84-74-2	D	15				2.60E-02	3.00E-02		1.5E+06	7.6E+02	9.7E+10					
AOI-25	SVOC	4,6-Dinitro-2-methylphenol	534-52-1		15				5.40E-02	6.30E-02			2.6E+02						
AOI-25	SVOC	2,4-Dinitrophenol	51-28-5		15				5.30E-02	6.20E-02									
AOI-25	SVOC	2,4-Dinitrotoluene	121-14-2	B2	15				2.50E-02	2.90E-02		2.0E+04	2.2E+02						
AOI-25	SVOC	2,6-Dinitrotoluene	606-20-2	B2	15				1.70E-02	2.00E-02									
AOI-25	SVOC	Di-n-octylphthalate	117-84-0		15				7.30E-02	8.40E-02			2.0E+04						
AOI-25	SVOC	Fluoranthene	206-44-0	D	15	3	4.40E-02	4.30E-01	1.80E-02	2.00E-02	8.9E+05	4.1E+06	1.3E+05			4.8E-07	1.0E-07	3.3E-06	
AOI-25	SVOC	Fluorene	86-73-7	D	15				1.70E-02	2.00E-02	1.5E+05	4.1E+06	8.7E+04						
AOI-25	SVOC	Hexachlorobenzene	118-74-1	B2	15				2.50E-02	2.90E-02	5.6E+01	8.5E+03	3.7E+01	5.7E+02					
AOI-25	SVOC	Hexachlorobutadiene	87-68-3	C	15				1.80E-02	2.10E-02	4.6E+02	1.8E+05	3.5E+02	8.9E+02					
AOI-25	SVOC	Hexachlorocyclopentadiene	77-47-4	E	15				1.10E-02	1.30E-02	6.0E+01	5.9E+03	7.2E+02	5.8E+03					
AOI-25	SVOC	Hexachloroethane	67-72-1	C	15				1.90E-02	2.20E-02	6.6E+02	1.0E+05	7.3E+02	7.5E+04					
AOI-25	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	15	2	4.30E-02	1.60E-01	2.20E-02	2.40E-02			8.0E+01					2.0E-03	
AOI-25	SVOC	Isophorone	78-59-1	C	15				2.50E-02	2.90E-02		8.2E+06	2.4E+03	2.0E+06					
AOI-25	SVOC	2-Methylnaphthalene	91-57-6	ID	15	5	4.40E-02	4.50E-01	1.90E-02	2.20E-02			2.6E+04					1.7E-05	
AOI-25	SVOC	Methylphenol (total)	1319-77-3		15				2.30E-02	2.60E-02		2.9E+06	3.6E+04	2.1E+07					
AOI-25	SVOC	Naphthalene	91-20-3	C	15	4	4.30E-02	2.90E-01	1.90E-02	2.20E-02	3.5E+02	8.8E+04	5.2E+04	1.4E+06		8.3E-04	3.3E-06	5.6E-06	2.0E-07
AOI-25	SVOC	2-Nitroaniline	88-74-4		15				1.50E-02	1.70E-02									
AOI-25	SVOC	3-Nitroaniline	99-09-2	C	15				2.50E-02	2.90E-02									
AOI-25	SVOC	4-Nitroaniline	100-01-6	C	15				1.90E-02	2.20E-02				7.7E+07					
AOI-25	SVOC	Nitrobenzene	98-95-3	D	15				2.70E-02	3.20E-02	6.4E+01	2.1E+04	3.4E+02	1.5E+05					
AOI-25	SVOC	2-Nitrophenol	88-75-5		15				2.40E-02	2.80E-02			2.0E+03						
AOI-25	SVOC	4-Nitrophenol	100-02-7		15				6.00E-02	7.00E-02									
AOI-25	SVOC	N-Nitrosodiphenylamine	86-30-6	B2	15				2.20E-02	2.50E-02			7.8E+03						
AOI-25	SVOC	N-Nitroso-di-n-propylamine	621-64-7	B2	15				1.70E-02	2.00E-02		2.0E+03	5.4E+00						
AOI-25	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	C	15				3.10E-02	3.60E-02									
AOI-25	SVOC	Pentachlorophenol	87-86-5	B2	15				6.80E-02	7.90E-02		1.3E+05	3.2E+02	7.8E+07					
AOI-25	SVOC	Phenanthrene	85-01-8	D	15	2	4.20E-02	3.00E-01	2.40E-02	2.70E-02	1.9E+02	2.9E+03	5.2E+03			1.6E-03	1.0E-04	5.8E-05	
AOI-25	SVOC	Phenol	108-95-2	ID	15				2.00E-02	2.40E-02		1.8E+07	1.2E+04	2.1E+07					
AOI-25	SVOC	Pyrene	129-00-0	D	15	3	4.20E-02	2.90E-01	2.40E-02	2.70E-02	7.8E+05	2.9E+06	8.4E+04			3.7E-07	1.0E-07	3.5E-06	
AOI-25	SVOC	2,4,5-Trichlorophenol	95-95-4		15				1.70E-02	2.00E-02		1.0E+07	7.3E+04						
AOI-25	SVOC	2,4,6-Trichlorophenol	88-06-2	B2	15				2.20E-02	2.50E-02		1.3E+06	3.3E+03						
AOI-25	P/PCB	PCBs (total)	1336-36-3	B2	15	2	5.71E-02	3.40E-01	2.30E-02	2.50E-02	8.1E+02	6.5E+03	1.6E+01	4.0E+05		4.2E-04	5.2E-05	2.1E-02	8.6E-07
AOI-25	INORG	Aluminum	7429-90-5	D	15	15	4.06E+03	1.40E+04					3.7E+05		7.4E+03			1.8E-02	
AOI-25	INORG	Antimony	7440-36-0		15	3	3.10E-01	4.80E-01	2.60E-01	2.90E-01		5.9E+03	6.7E+02		8.0E-01				
AOI-25	INORG	Arsenic	7440-38-2	A	15	15	4.20E+00	9.90E+00				9.1E+02	3.7E+01		6.8E+00		3.4E-03	8.4E-02	
AOI-25	INORG	Barium	7440-39-3	D	15	15	1.78E+01	1.03E+02				1.5E+05	1.3E+05		6.2E+01		2.7E-04	3.2E-04	
AOI-25	INORG	Beryllium	7440-41-7	B1	15	15	2.30E-01	8.40E-01				5.9E+02	1.6E+03		3.1E-01		8.9E-04	3.3E-04	
AOI-25	INORG	Cadmium	7440-43-9	B1	15	13	6.90E-02	4.80E-01	2.00E-02	2.00E-02		2.2E+03	2.1E+03		1.4E+00				
AOI-25	INORG	Calcium	7440-70-2		15	15	3.39E+03	7.03E+04											
AOI-25	INORG	Chromium (total)	7440-47-3		15	15	8.10E+00	2.31E+01				2.4E+02	9.2E+03		1.8E+01		2.2E-02	5.7E-04	
AOI-25	INORG	Cobalt	7440-48-4	B1	15	15	5.40E+00	1.39E+01				5.9E+03	9.0E+03		5.8E+00		1.4E-03	9.0E-04	
AOI-25	INORG	Copper	7440-50-8	D	15	15	1.23E+01	3.33E+01				5.9E+04	7.3E+04		5.9E+01				
AOI-25	INORG	Cyanide (total)	57-12-5	D	15	1	1.40E-01	1.40E-01	1.00E-01	1.10E-01		2.5E+02	2.5E+02				5.6E-04	5.6E-04	
AOI-25	INORG	Iron	7439-89-6	D	15	15	1.17E+04	2.75E+04					5.8E+05		1.5E+04			2.1E-02	
AOI-25	INORG	Lead	7439-92-1	B2	15	15	5.90E+00	1.72E+01				4.4E+04	9.0E+02		6.8E+01				
AOI-25	INORG	Magnesium	7439-95-4		15	15	3.19E+03	3.36E+04				2.9E+06	1.0E+06				1.2E-02	3.4E-02	
AOI-25	INORG	Manganese	7439-96-5	D	15	15	2.69E+02	5.96E+02				1.5E+03	9.0E+04		5.2E+02		5.0E-02	8.3E-04	
AOI-25	INORG	Mercury	7439-97-6	D	15	6	2.70E-02	1.70E-01	1.80E-02	2.00E-02	6.2E+01	8.8E+03	5.8E+02	1.3E+04	1.9E-01				

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-25	INORG	Nickel	7440-02-0	A	15	15	1.22E+01	2.96E+01				1.6E+04	1.5E+05		1.5E+01		8.9E-04	9.5E-05	
AOI-25	INORG	Potassium	7440-09-7		15	15	6.53E+02	2.13E+03											
AOI-25	INORG	Selenium	7782-49-2	D	15	4	5.20E-01	2.70E+00	3.50E-01	4.10E-01		5.9E+04	9.6E+03		7.0E-01		3.4E-05	2.1E-04	
AOI-25	INORG	Silver	7440-22-4	D	15				1.10E-01	1.30E-01		2.9E+03	9.0E+03		1.0E+00				
AOI-25	INORG	Sodium	7440-23-5		15	15	1.81E+02	1.09E+03					1.0E+06					1.1E-03	
AOI-25	INORG	Thallium	7440-28-0		15				6.60E-01	7.60E-01			1.3E+02		9.3E-01				
AOI-25	INORG	Vanadium	7440-62-2		15	15	1.30E+01	3.31E+01					5.5E+03		1.8E+01			2.7E-03	
AOI-25	INORG	Zinc	7440-66-6	D	15	15	3.61E+01	1.22E+02					6.3E+05		9.0E+01			5.1E-05	
AOI-26	VOC	Acetone	67-64-1	ID	37				5.10E-02	1.10E-01	1.6E+05	1.7E+08	7.3E+04	1.2E+07					
AOI-26	VOC	Benzene	71-43-2	A	126	4	1.10E-02	4.40E-02	7.30E-03	1.20E-02	4.5E+01	4.7E+05	4.0E+02	4.1E+02		9.8E-04	9.4E-08	1.1E-04	1.1E-04
AOI-26	VOC	Bromodichloromethane	75-27-4	B2	37				8.70E-03	1.80E-02	3.1E+01	1.1E+05	4.9E+02						
AOI-26	VOC	Bromoform	75-25-2	B2	37				1.20E-02	2.50E-02	3.1E+03	3.6E+06	8.7E+02	9.6E+03					
AOI-26	VOC	Bromomethane	74-83-9	D	37				4.50E-02	9.50E-02	1.3E+01	1.5E+05	1.0E+03	2.5E+02					
AOI-26	VOC	2-Butanone	78-93-3	ID	37				5.50E-02	1.20E-01	3.5E+04	2.9E+07	2.7E+04	3.0E+06					
AOI-26	VOC	Carbon Disulfide	75-15-0		37	1	2.20E-02	2.20E-02	4.80E-03	1.00E-02	1.6E+03	2.1E+07	2.8E+02	3.5E+02		1.4E-05	1.0E-09	7.9E-05	6.4E-05
AOI-26	VOC	Carbon Tetrachloride	56-23-5	B2	37				1.50E-02	3.20E-02	1.2E+01	1.7E+05	3.9E+02	7.2E+02					
AOI-26	VOC	Chlorobenzene	108-90-7	D	37	3	1.20E-02	5.60E-01	6.20E-03	1.30E-02	9.2E+02	2.1E+06	2.6E+02	1.7E+05		6.1E-04	2.7E-07	2.2E-03	3.4E-06
AOI-26	VOC	Chloroethane	75-00-3		37				5.00E-02	1.10E-01	3.6E+04	2.9E+08	9.5E+02	1.3E+05					
AOI-26	VOC	Chloroform	67-66-3	B2	37				1.30E-02	2.70E-02	1.5E+02	1.6E+06	1.5E+03	1.5E+03					
AOI-26	VOC	Chloromethane	74-87-3	D	37				1.50E-02	3.20E-02	1.2E+02	2.6E+06	1.1E+03	4.7E+03					
AOI-26	VOC	Cumene	98-82-8	D	37	7	1.30E-02	1.30E-01	9.00E-03	1.50E-02	2.0E+03	2.6E+06	3.9E+02	7.3E+03		6.5E-05	5.0E-08	3.3E-04	1.8E-05
AOI-26	VOC	Cyclohexane	110-82-7	ID	37	4	8.40E-03	8.00E-02	6.60E-03	1.40E-02									
AOI-26	VOC	1,2-Dibromo-3-chloropropane	96-12-8	B2	37				2.40E-02	5.20E-02	1.5E+01	5.9E+03	1.2E+00						
AOI-26	VOC	Dibromochloromethane	124-48-1	C	37				1.20E-02	2.50E-02	8.0E+01	1.6E+05	5.0E+02						
AOI-26	VOC	1,2-Dibromoethane	106-93-4	B2	37				8.10E-03	1.70E-02	5.8E+00	1.8E+04	4.3E-01						
AOI-26	VOC	1,2-Dichlorobenzene	95-50-1	D	37	3	8.10E-03	9.50E-02	7.30E-03	1.60E-02	4.6E+04	4.4E+07	2.1E+02	3.5E+05		2.1E-06	2.2E-09	4.5E-04	2.7E-07
AOI-26	VOC	1,3-Dichlorobenzene	541-73-1	D	37				8.80E-03	1.90E-02			1.7E+02						
AOI-26	VOC	1,4-Dichlorobenzene	106-46-7	C	37	2	1.30E-02	1.00E-01	9.10E-03	1.90E-02	2.6E+02	5.7E+05	1.9E+03	8.2E+05		3.8E-04	1.8E-07	5.3E-05	1.2E-07
AOI-26	VOC	Dichlorodifluoromethane	75-71-8		37				2.40E-02	5.20E-02	6.3E+04	1.5E+09	1.0E+03	6.7E+04					
AOI-26	VOC	1,1-Dichloroethane	75-34-3	C	112	17	2.60E-02	9.60E+00	1.20E-02	1.70E-02	2.5E+03	1.5E+07	8.9E+02	3.8E+04		3.8E-03	6.4E-07	1.1E-02	2.5E-04
AOI-26	VOC	1,2-Dichloroethane	107-06-2	B2	37				1.40E-02	2.90E-02	2.1E+01	1.5E+05	4.2E+02	1.6E+03					
AOI-26	VOC	1,1-Dichloroethene	75-35-4	C	37	1	2.30E-02	2.30E-02	8.40E-03	1.80E-02	3.7E+00	7.8E+04	5.7E+02	7.0E+02		6.2E-03	2.9E-07	4.0E-05	3.3E-05
AOI-26	VOC	1,2-Dichloroethene (total)	540-59-0		75	1	6.30E-01	6.30E-01			2.1E+02	1.0E+06	6.4E+02	6.0E+04		3.0E-03	6.3E-07	9.8E-04	1.0E-05
AOI-26	VOC	cis-1,2-Dichloroethene	156-59-2	D	37	5	6.90E-02	1.90E-01	8.30E-03	1.80E-02	2.1E+02	1.0E+06	6.4E+02	1.1E+05		9.0E-04	1.9E-07	3.0E-04	1.8E-06
AOI-26	VOC	trans-1,2-Dichloroethene	156-60-5		37				1.10E-02	2.30E-02	3.3E+02	2.1E+06	1.4E+03	6.1E+04					
AOI-26	VOC	1,2-Dichloropropane	78-87-5	B2	37				1.00E-02	2.10E-02	3.0E+01	1.2E+05	5.5E+02	7.3E+04					
AOI-26	VOC	1,3-Dichloropropene (total)	542-75-6	B2	37				8.20E-03	1.70E-02	6.0E+01	5.9E+05	2.4E+02	2.2E+02					
AOI-26	VOC	Ethyl Benzene	100-41-4	D	126	15	1.10E-02	4.00E+00	6.90E-03	1.10E-02	2.4E+03	1.3E+07	1.4E+02	1.5E+05		1.7E-03	3.1E-07	2.9E-02	2.6E-05
AOI-26	VOC	2-Hexanone	591-78-6		37				1.70E-02	3.60E-02	1.3E+03	1.2E+06	2.5E+03						
AOI-26	VOC	Methyl Acetate	79-20-9		37	12	3.20E-02	3.70E-01	2.60E-02	4.20E-02				2.0E+06					1.8E-07
AOI-26	VOC	Methyl tert-butyl ether	1634-04-4		37				8.70E-03	1.80E-02	3.0E+04	8.8E+07	5.9E+03						
AOI-26	VOC	4-Methyl-2-pentanone	108-10-1	ID	37				2.60E-02	5.40E-02	5.3E+04	6.0E+07	2.7E+03	1.0E+06					
AOI-26	VOC	Methylcyclohexane	108-87-2		37	13	1.10E-02	2.30E-01	1.00E-02	1.60E-02									
AOI-26	VOC	Methylene Chloride	75-09-2	B2	112				1.70E-02	3.60E-02	7.0E+02	8.3E+06	2.3E+03	1.5E+04					
AOI-26	VOC	Styrene	100-42-5		37				7.70E-03	1.60E-02	3.3E+03	6.9E+06	5.2E+02	4.3E+05					
AOI-26	VOC	1,1,2,2-Tetrachloroethane	79-34-5	C	37				1.10E-02	2.30E-02	3.4E+01	6.8E+04	2.4E+02	1.8E+04					
AOI-26	VOC	Tetrachloroethene	127-18-4	C-B2	112	6	1.50E-02	7.20E-01	1.20E-02	1.90E-02	6.0E+02	6.8E+06	8.8E+01	1.4E+04		1.2E-03	1.1E-07	8.2E-03	5.2E-05
AOI-26	VOC	Toluene	108-88-3	D	126	19	1.40E-02	4.10E+00	6.30E-03	1.00E-02	3.3E+03	1.2E+07	2.5E+02	8.7E+04		1.2E-03	3.4E-07	1.6E-02	4.7E-05
AOI-26	VOC	1,2,4-Trichlorobenzene	120-82-1	D	37	1	1.40E-02	1.40E-02	1.20E-02	2.50E-02	3.4E+04	1.1E+07	1.1E+03			4.1E-07	1.3E-09	1.3E-05	
AOI-26	VOC	1,1,1-Trichloroethane	71-55-6	D	112	19	1.00E-02	3.10E+01	9.50E-03	2.00E-02	4.5E+03	2.9E+07	4.6E+02	1.3E+05		6.9E-03	1.1E-06	6.7E-02	2.4E-04
AOI-26	VOC	1,1,2-Trichloroethane	79-00-5	C	37				8.40E-03	1.80E-02	5.7E+01	2.5E+05	8.4E+02	3.0E+04					
AOI-26	VOC	Trichloroethene	79-01-6	C-B2	112	13	7.60E-02	1.20E+01	9.30E-03	2.00E-02	2.6E+02	2.3E+06	5.0E+02	3.9E+04		4.6E-02	5.2E-06	2.4E-02	3.1E-04
AOI-26	VOC	Trichlorofluoromethane	75-69-4		37				9.40E-03	2.00E-02	1.1E+05	1.7E+09	5.6E+02	1.3E+05					
AOI-26	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		37	3	3.20E-01	9.70E-01	3.10E-02	6.50E-02	2.1E+05	2.3E+09	5.5E+02	2.2E+05		4.6E-06	4.2E-10	1.8E-03	4.4E-06
AOI-26	VOC	Vinyl Chloride	75-01-4	A	37	1	2.50E-02	2.50E-02	1.20E-02	2.50E-02	2.9E+01	8.9E+05	3.4E+01	6.1E+01		8.6E-04	2.8E-08	7.4E-04	4.1E-04
AOI-26	VOC	Xylenes (total)	1330-20-7	ID	126	20	2.40E-02	2.57E+01	2.10E-02	3.40E-02	5.4E+04	1.3E+08	1.5E+02	1.9E+05		4.8E-04	2.0E-07	1.7E-01	1.4E-04
AOI-26	SVOC	Acenaphthene	83-32-9		54				1.50E-02	3.30E-01	9.7E+04	6.2E+06	1.3E+05						
AOI-26	SVOC	Acenaphthylene	208-96-8	D	54					3.30E-01	2.7E+03	1.0E+06	5.2E+03						

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-26	SVOC	Acetophenone	98-86-2	D	39				2.20E-02	2.50E-02	5.2E+04	1.4E+07	1.1E+03	2.5E+06					
AOI-26	SVOC	Anthracene	120-12-7	D	54					3.30E-01	1.6E+06	2.9E+07	7.3E+05						
AOI-26	SVOC	Atrazine	1912-24-9	C	39				2.40E-02	2.80E-02			3.3E+02	6.5E+08					
AOI-26	SVOC	Benzaldehyde	100-52-7		39				1.50E-02	1.80E-02									
AOI-26	SVOC	Benzo(a)anthracene	56-55-3	B2	54	1	4.70E+00	4.70E+00	2.50E-02	3.30E-01			8.0E+01					5.9E-02	
AOI-26	SVOC	Benzo(a)pyrene	50-32-8	B2	54	1	2.20E-02	2.20E-02		3.30E-01		1.9E+03	8.0E+00				1.2E-05	2.8E-03	
AOI-26	SVOC	Benzo(b)fluoranthene	205-99-2	B2	54	3	2.50E-02	1.20E+00		3.30E-01			8.0E+01					1.5E-02	
AOI-26	SVOC	Benzo(g,h,i)perylene	191-24-2	D	54				1.70E-02	3.30E-01		3.5E+05	7.0E+03						
AOI-26	SVOC	Benzo(k)fluoranthene	207-08-9	B2	54	1	8.50E-01	8.50E-01	1.70E-02	3.30E-01			8.0E+02					1.1E-03	
AOI-26	SVOC	Biphenyl	92-52-4	D	39	1	4.00E-02	4.00E-02	2.00E-02	2.30E-02									
AOI-26	SVOC	bis(2-Chloroethoxy)methane	111-91-1	D	39				2.80E-02	3.30E-02									
AOI-26	SVOC	bis(2-Chloroethyl) ether	111-44-4	B2	39				2.00E-02	2.30E-02	1.3E+01	1.2E+04	5.8E+01	6.1E+05					
AOI-26	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	39	20	1.60E-02	4.00E-01	1.50E-02	1.60E-02		8.9E+05	1.0E+04	4.8E+12			4.5E-07	4.0E-05	8.4E-14
AOI-26	SVOC	4-Bromophenyl-phenyl ether	101-55-3	D	39				1.60E-02	1.90E-02									
AOI-26	SVOC	Butylbenzylphthalate	85-68-7	C	39				2.30E-02	2.60E-02		2.1E+07	3.1E+02						
AOI-26	SVOC	Caprolactam	105-60-2		39				3.00E-02	3.50E-02		2.9E+05	3.1E+05						
AOI-26	SVOC	Carbazole	86-74-8	B2	39				2.10E-02	2.40E-02			2.4E+03						
AOI-26	SVOC	4-Chloro-3-methylphenol	59-50-7		39				2.10E-02	2.40E-02			1.5E+04						
AOI-26	SVOC	4-Chloroaniline	106-47-8		39				2.20E-02	2.50E-02									
AOI-26	SVOC	2-Chloronaphthalene	91-58-7		39				1.80E-02	2.10E-02			1.8E+05						
AOI-26	SVOC	2-Chlorophenol	95-57-8		39				2.00E-02	2.30E-02			4.5E+03						
AOI-26	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3		39				1.80E-02	2.10E-02									
AOI-26	SVOC	Chrysene	218-01-9	B2	54	2	3.70E-02	3.90E-02	2.40E-02	3.30E-01			8.0E+03					4.9E-06	
AOI-26	SVOC	Dibenz(a,h)anthracene	53-70-3	B2	54					3.30E-01			8.0E+00						
AOI-26	SVOC	Dibenzofuran	132-64-9	D	39				1.80E-02	2.10E-02									
AOI-26	SVOC	3,3'-Dichlorobenzidine	91-94-1	B2	39				2.00E-02	2.30E-02		8.2E+03	3.0E+01						
AOI-26	SVOC	2,4-Dichlorophenol	120-83-2		39				1.70E-02	2.00E-02		2.3E+06	1.8E+03						
AOI-26	SVOC	Diethylphthalate	84-66-2	D	39				2.10E-02	2.40E-02		1.5E+06	7.4E+02	2.4E+07					
AOI-26	SVOC	2,4-Dimethylphenol	105-67-9		39				2.00E-02	2.30E-02		2.1E+06	3.6E+04						
AOI-26	SVOC	Dimethylphthalate	131-11-3	D	39				1.80E-02	2.10E-02		1.5E+06	7.9E+02	2.3E+07					
AOI-26	SVOC	Di-n-butylphthalate	84-74-2	D	39	1	2.40E-01	2.40E-01	2.50E-02	2.90E-02		1.5E+06	7.6E+02	9.7E+10			1.6E-07	3.2E-04	2.5E-12
AOI-26	SVOC	4,6-Dinitro-2-methylphenol	534-52-1		39				5.20E-02	6.00E-02			2.6E+02						
AOI-26	SVOC	2,4-Dinitrophenol	51-28-5		39				5.10E-02	5.90E-02									
AOI-26	SVOC	2,4-Dinitrotoluene	121-14-2	B2	39				2.40E-02	2.80E-02		2.0E+04	2.2E+02						
AOI-26	SVOC	2,6-Dinitrotoluene	606-20-2	B2	39				1.60E-02	1.90E-02									
AOI-26	SVOC	Di-n-octylphthalate	117-84-0		39				6.90E-02	8.00E-02			2.0E+04						
AOI-26	SVOC	Fluoranthene	206-44-0	D	54	5	2.00E-02	3.70E-02	1.80E-02	3.30E-01	8.9E+05	4.1E+06	1.3E+05			4.2E-08	9.0E-09	2.8E-07	
AOI-26	SVOC	Fluorene	86-73-7	D	54					3.30E-01	1.5E+05	4.1E+06	8.7E+04						
AOI-26	SVOC	Hexachlorobenzene	118-74-1	B2	39				2.40E-02	2.80E-02	5.6E+01	8.5E+03	3.7E+01	5.7E+02					
AOI-26	SVOC	Hexachlorobutadiene	87-68-3	C	39				1.70E-02	2.00E-02	4.6E+02	1.8E+05	3.5E+02	8.9E+02					
AOI-26	SVOC	Hexachlorocyclopentadiene	77-47-4	E	39				1.10E-02	1.30E-02	6.0E+01	5.9E+03	7.2E+02	5.8E+03					
AOI-26	SVOC	Hexachloroethane	67-72-1	C	39				1.80E-02	2.10E-02	6.6E+02	1.0E+05	7.3E+02	7.5E+04					
AOI-26	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	54				2.10E-02	3.30E-01			8.0E+01						
AOI-26	SVOC	Isophorone	78-59-1	C	39				2.40E-02	2.80E-02		8.2E+06	2.4E+03	2.0E+06					
AOI-26	SVOC	2-Methylnaphthalene	91-57-6	ID	39	2	3.80E-02	3.80E-02	1.80E-02	2.10E-02			2.6E+04					1.5E-06	
AOI-26	SVOC	Methylphenol (total)	1319-77-3		39				2.20E-02	2.50E-02		2.9E+06	3.6E+04	2.1E+07					
AOI-26	SVOC	Naphthalene	91-20-3	C	54	4	2.30E-02	3.90E-02	1.80E-02	3.30E-01	3.5E+02	8.8E+04	5.2E+04	1.4E+06		1.1E-04	4.4E-07	7.5E-07	2.7E-08
AOI-26	SVOC	2-Nitroaniline	88-74-4		39				1.40E-02	1.60E-02									
AOI-26	SVOC	3-Nitroaniline	99-09-2	C	39				2.40E-02	2.80E-02									
AOI-26	SVOC	4-Nitroaniline	100-01-6	C	39				1.80E-02	2.10E-02				7.7E+07					
AOI-26	SVOC	Nitrobenzene	98-95-3	D	39				2.60E-02	3.00E-02	6.4E+01	2.1E+04	3.4E+02	1.5E+05					
AOI-26	SVOC	2-Nitrophenol	88-75-5		39				2.30E-02	2.60E-02			2.0E+03						
AOI-26	SVOC	4-Nitrophenol	100-02-7		39				5.80E-02	6.60E-02									
AOI-26	SVOC	N-Nitrosodiphenylamine	86-30-6	B2	39				2.10E-02	2.40E-02			7.8E+03						
AOI-26	SVOC	N-Nitroso-di-n-propylamine	621-64-7	B2	39				1.60E-02	1.90E-02		2.0E+03	5.4E+00						
AOI-26	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	C	39				2.90E-02	3.40E-02									
AOI-26	SVOC	Pentachlorophenol	87-86-5	B2	39				6.50E-02	7.50E-02		1.3E+05	3.2E+02	7.8E+07					
AOI-26	SVOC	Phenanthrene	85-01-8	D	54	2	3.30E-02	5.80E-02	2.30E-02	3.30E-01	1.9E+02	2.9E+03	5.2E+03			3.1E-04	2.0E-05	1.1E-05	

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-26	SVOC	Phenol	108-95-2	ID	39				2.00E-02	2.30E-02		1.8E+07	1.2E+04	2.1E+07					
AOI-26	SVOC	Pyrene	129-00-0	D	54	2	3.70E-02	3.10E+00	2.30E-02	3.30E-01	7.8E+05	2.9E+06	8.4E+04			4.0E-06	1.1E-06	3.7E-05	
AOI-26	SVOC	2,4,5-Trichlorophenol	95-95-4		39				1.60E-02	1.90E-02		1.0E+07	7.3E+04						
AOI-26	SVOC	2,4,6-Trichlorophenol	88-06-2	B2	39				2.10E-02	2.40E-02		1.3E+06	3.3E+03						
AOI-26	INORG	Aluminum	7429-90-5	D	39	39	4.38E+03	1.68E+04					3.7E+05		7.4E+03			2.5E-02	
AOI-26	INORG	Antimony	7440-36-0		39	14	3.60E-01	4.00E+00	2.50E-01	2.90E-01		5.9E+03	6.7E+02		8.0E-01		5.4E-04	4.8E-03	
AOI-26	INORG	Arsenic	7440-38-2	A	110	80	5.10E-01	5.48E+01	5.00E+00	5.00E+00		9.1E+02	3.7E+01		6.8E+00		5.3E-02	1.3E+00	
AOI-26	INORG	Barium	7440-39-3	D	110	110	9.00E+00	2.11E+02				1.5E+05	1.3E+05		6.2E+01		9.9E-04	1.1E-03	
AOI-26	INORG	Beryllium	7440-41-7	B1	39	39	1.20E-01	8.50E-01				5.9E+02	1.6E+03		3.1E-01		9.1E-04	3.3E-04	
AOI-26	INORG	Cadmium	7440-43-9	B1	110	39	1.30E-01	3.30E+00	2.00E-03	2.00E+00		2.2E+03	2.1E+03		1.4E+00		8.8E-04	9.3E-04	
AOI-26	INORG	Calcium	7440-70-2		39	39	1.67E+03	6.18E+04											
AOI-26	INORG	Chromium (total)	7440-47-3		110	89	5.00E+00	6.80E+01	5.00E+00	5.00E+00		2.4E+02	9.2E+03		1.8E+01		2.1E-01	5.4E-03	
AOI-26	INORG	Cobalt	7440-48-4	B1	39	39	3.80E+00	2.37E+01				5.9E+03	9.0E+03		5.8E+00		3.0E-03	2.0E-03	
AOI-26	INORG	Copper	7440-50-8	D	110	110	3.30E+00	6.10E+03				5.9E+04	7.3E+04		5.9E+01		1.0E-01	8.3E-02	
AOI-26	INORG	Cyanide (total)	57-12-5	D	110	1	1.00E-01	1.00E-01	9.60E-02	5.00E-01		2.5E+02	2.5E+02				4.0E-04	4.0E-04	
AOI-26	INORG	Iron	7439-89-6	D	39	39	1.02E+04	3.35E+04					5.8E+05		1.5E+04			3.1E-02	
AOI-26	INORG	Lead	7439-92-1	B2	110	109	5.60E+00	5.61E+02	5.00E-03	5.00E-03		4.4E+04	9.0E+02		6.8E+01		1.1E-02	5.5E-01	
AOI-26	INORG	Magnesium	7439-95-4		39	39	1.98E+03	2.07E+04				2.9E+06	1.0E+06				7.1E-03	2.1E-02	
AOI-26	INORG	Manganese	7439-96-5	D	39	39	6.79E+01	1.73E+03				1.5E+03	9.0E+04		5.2E+02		8.1E-01	1.3E-02	
AOI-26	INORG	Mercury	7439-97-6	D	110	14	1.90E-02	3.70E-01	1.80E-02	1.00E+00	6.2E+01	8.8E+03	5.8E+02	1.3E+04	1.9E-01	2.9E-03	2.0E-05	3.1E-04	1.4E-05
AOI-26	INORG	Nickel	7440-02-0	A	110	101	1.10E+01	5.51E+01	1.00E+00	1.00E+01		1.6E+04	1.5E+05		1.5E+01		2.5E-03	2.7E-04	
AOI-26	INORG	Potassium	7440-09-7		39	39	5.04E+02	2.52E+03											
AOI-26	INORG	Selenium	7782-49-2	D	110	35	3.60E-01	1.50E+00	3.50E-01	5.00E-01		5.9E+04	9.6E+03		7.0E-01		1.4E-05	8.3E-05	
AOI-26	INORG	Silver	7440-22-4	D	110	1	1.50E-01	1.50E-01	1.00E-01	1.00E+00		2.9E+03	9.0E+03		1.0E+00				
AOI-26	INORG	Sodium	7440-23-5		39	39	5.05E+01	1.30E+03					1.0E+06					1.3E-03	
AOI-26	INORG	Thallium	7440-28-0		39	21	7.30E-01	1.60E+00	6.30E-01	7.10E-01			1.3E+02		9.3E-01			5.2E-03	
AOI-26	INORG	Vanadium	7440-62-2		39	39	1.27E+01	4.27E+01					5.5E+03		1.8E+01			4.4E-03	
AOI-26	INORG	Zinc	7440-66-6	D	110	110	9.60E+00	9.20E+02					6.3E+05		9.0E+01			1.3E-03	
AOI-27	VOC	Acetone	67-64-1	ID	14				5.20E-02	6.50E-02	1.6E+05	1.7E+08	7.3E+04	1.2E+07					
AOI-27	VOC	Benzene	71-43-2	A	14	1	1.60E-02	1.60E-02	7.40E-03	9.40E-03	4.5E+01	4.7E+05	4.0E+02	4.1E+02		3.6E-04	3.4E-08	4.0E-05	3.9E-05
AOI-27	VOC	Bromodichloromethane	75-27-4	B2	14				8.80E-03	1.10E-02	3.1E+01	1.1E+05	4.9E+02						
AOI-27	VOC	Bromoform	75-25-2	B2	14				1.20E-02	1.50E-02	3.1E+03	3.6E+06	8.7E+02	9.6E+03					
AOI-27	VOC	Bromomethane	74-83-9	D	14				4.50E-02	5.70E-02	1.3E+01	1.5E+05	1.0E+03	2.5E+02					
AOI-27	VOC	2-Butanone	78-93-3	ID	14				5.60E-02	7.10E-02	3.5E+04	2.9E+07	2.7E+04	3.0E+06					
AOI-27	VOC	Carbon Disulfide	75-15-0		14				4.90E-03	6.10E-03	1.6E+03	2.1E+07	2.8E+02	3.5E+02					
AOI-27	VOC	Carbon Tetrachloride	56-23-5	B2	14				1.50E-02	1.90E-02	1.2E+01	1.7E+05	3.9E+02	7.2E+02					
AOI-27	VOC	Chlorobenzene	108-90-7	D	14				6.30E-03	7.90E-03	9.2E+02	2.1E+06	2.6E+02	1.7E+05					
AOI-27	VOC	Chloroethane	75-00-3		14				5.10E-02	6.40E-02	3.6E+04	2.9E+08	9.5E+02	1.3E+05					
AOI-27	VOC	Chloroform	67-66-3	B2	14				1.30E-02	1.60E-02	1.5E+02	1.6E+06	1.5E+03	1.5E+03					
AOI-27	VOC	Chloromethane	74-87-3	D	14				1.50E-02	1.90E-02	1.2E+02	2.6E+06	1.1E+03	4.7E+03					
AOI-27	VOC	Cumene	98-82-8	D	14				9.20E-03	1.20E-02	2.0E+03	2.6E+06	3.9E+02	7.3E+03					
AOI-27	VOC	Cyclohexane	110-82-7	ID	14	1	1.30E-02	1.30E-02	6.70E-03	8.50E-03									
AOI-27	VOC	1,2-Dibromo-3-chloropropane	96-12-8	B2	14				2.50E-02	3.10E-02	1.5E+01	5.9E+03	1.2E+00						
AOI-27	VOC	Dibromochloromethane	124-48-1	C	14				1.20E-02	1.50E-02	8.0E+01	1.6E+05	5.0E+02						
AOI-27	VOC	1,2-Dibromoethane	106-93-4	B2	14				8.20E-03	1.00E-02	5.8E+00	1.8E+04	4.3E-01						
AOI-27	VOC	1,2-Dichlorobenzene	95-50-1	D	14				7.40E-03	9.40E-03	4.6E+04	4.4E+07	2.1E+02	3.5E+05					
AOI-27	VOC	1,3-Dichlorobenzene	541-73-1	D	14				9.00E-03	1.10E-02			1.7E+02						
AOI-27	VOC	1,4-Dichlorobenzene	106-46-7	C	14				9.30E-03	1.20E-02	2.6E+02	5.7E+05	1.9E+03	8.2E+05					
AOI-27	VOC	Dichlorodifluoromethane	75-71-8		14				2.50E-02	3.10E-02	6.3E+04	1.5E+09	1.0E+03	6.7E+04					
AOI-27	VOC	1,1-Dichloroethane	75-34-3	C	14				1.20E-02	1.50E-02	2.5E+03	1.5E+07	8.9E+02	3.8E+04					
AOI-27	VOC	1,2-Dichloroethane	107-06-2	B2	14				1.40E-02	1.80E-02	2.1E+01	1.5E+05	4.2E+02	1.6E+03					
AOI-27	VOC	1,1-Dichloroethene	75-35-4	C	14				8.50E-03	1.10E-02	3.7E+00	7.8E+04	5.7E+02	7.0E+02					
AOI-27	VOC	cis-1,2-Dichloroethene	156-59-2	D	14				8.40E-03	1.10E-02	2.1E+02	1.0E+06	6.4E+02	1.1E+05					
AOI-27	VOC	trans-1,2-Dichloroethene	156-60-5		14				1.10E-02	1.40E-02	3.3E+02	2.1E+06	1.4E+03	6.1E+04					
AOI-27	VOC	1,2-Dichloropropane	78-87-5	B2	14				1.00E-02	1.30E-02	3.0E+01	1.2E+05	5.5E+02	7.3E+04					
AOI-27	VOC	1,3-Dichloropropene (total)	542-75-6	B2	14				8.30E-03	1.00E-02	6.0E+01	5.9E+05	2.4E+02	2.2E+02					
AOI-27	VOC	Ethyl Benzene	100-41-4	D	14				7.00E-03	8.90E-03	2.4E+03	1.3E+07	1.4E+02	1.5E+05					
AOI-27	VOC	2-Hexanone	591-78-6		14				1.70E-02	2.20E-02	1.3E+03	1.2E+06	2.5E+03						

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-27	VOC	Methyl Acetate	79-20-9		14	2	6.30E-02	2.20E-01	2.60E-02	3.30E-02				2.0E+06					1.1E-07
AOI-27	VOC	Methyl tert-butyl ether	1634-04-4		14				8.80E-03	1.10E-02	3.0E+04	8.8E+07	5.9E+03						
AOI-27	VOC	4-Methyl-2-pentanone	108-10-1	ID	14				2.60E-02	3.30E-02	5.3E+04	6.0E+07	2.7E+03	1.0E+06					
AOI-27	VOC	Methylcyclohexane	108-87-2		14	3	1.30E-02	5.80E-02	9.60E-03	1.20E-02									
AOI-27	VOC	Methylene Chloride	75-09-2	B2	14				1.70E-02	2.20E-02	7.0E+02	8.3E+06	2.3E+03	1.5E+04					
AOI-27	VOC	Styrene	100-42-5		14	1	2.80E-02	2.80E-02	7.80E-03	9.80E-03	3.3E+03	6.9E+06	5.2E+02	4.3E+05		8.5E-06	4.1E-09	5.4E-05	6.6E-08
AOI-27	VOC	1,1,2,2-Tetrachloroethane	79-34-5	C	14				1.10E-02	1.40E-02	3.4E+01	6.8E+04	2.4E+02	1.8E+04					
AOI-27	VOC	Tetrachloroethene	127-18-4	C-B2	14	1	1.50E-02	1.50E-02	1.20E-02	1.50E-02	6.0E+02	6.8E+06	8.8E+01	1.4E+04		2.5E-05	2.2E-09	1.7E-04	1.1E-06
AOI-27	VOC	Toluene	108-88-3	D	14	1	3.50E-02	3.50E-02	6.00E-03	7.60E-03	3.3E+03	1.2E+07	2.5E+02	8.7E+04		1.1E-05	2.9E-09	1.4E-04	4.0E-07
AOI-27	VOC	1,2,4-Trichlorobenzene	120-82-1	D	14				1.20E-02	1.50E-02	3.4E+04	1.1E+07	1.1E+03						
AOI-27	VOC	1,1,1-Trichloroethane	71-55-6	D	14				9.60E-03	1.20E-02	4.5E+03	2.9E+07	4.6E+02	1.3E+05					
AOI-27	VOC	1,1,2-Trichloroethane	79-00-5	C	14				8.50E-03	1.10E-02	5.7E+01	2.5E+05	8.4E+02	3.0E+04					
AOI-27	VOC	Trichloroethene	79-01-6	C-B2	14	4	3.40E-02	5.50E-01	9.40E-03	1.20E-02	2.6E+02	2.3E+06	5.0E+02	3.9E+04		2.1E-03	2.4E-07	1.1E-03	1.4E-05
AOI-27	VOC	Trichlorofluoromethane	75-69-4		14				9.50E-03	1.20E-02	1.1E+05	1.7E+09	5.6E+02	1.3E+05					
AOI-27	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		14				3.10E-02	4.00E-02	2.1E+05	2.3E+09	5.5E+02	2.2E+05					
AOI-27	VOC	Vinyl Chloride	75-01-4	A	14				1.20E-02	1.50E-02	2.9E+01	8.9E+05	3.4E+01	6.1E+01					
AOI-27	VOC	Xylenes (total)	1330-20-7	ID	14	1	4.70E-02	4.70E-02	2.00E-02	2.60E-02	5.4E+04	1.3E+08	1.5E+02	1.9E+05		8.7E-07	3.6E-10	3.1E-04	2.5E-07
AOI-27	SVOC	Acenaphthene	83-32-9		14				1.50E-02	1.80E-02	9.7E+04	6.2E+06	1.3E+05						
AOI-27	SVOC	Acenaphthylene	208-96-8	D	14				2.00E-02	2.40E-02	2.7E+03	1.0E+06	5.2E+03						
AOI-27	SVOC	Acetophenone	98-86-2	D	14				2.10E-02	2.60E-02	5.2E+04	1.4E+07	1.1E+03	2.5E+06					
AOI-27	SVOC	Anthracene	120-12-7	D	14				1.80E-02	2.20E-02	1.6E+06	2.9E+07	7.3E+05						
AOI-27	SVOC	Atrazine	1912-24-9	C	14				2.30E-02	2.80E-02			3.3E+02	6.5E+08					
AOI-27	SVOC	Benzaldehyde	100-52-7		14				1.50E-02	1.80E-02									
AOI-27	SVOC	Benzo(a)anthracene	56-55-3	B2	14	1	6.80E-02	6.80E-02	2.40E-02	3.00E-02			8.0E+01					8.5E-04	
AOI-27	SVOC	Benzo(a)pyrene	50-32-8	B2	14	1	7.30E-02	7.30E-02	1.60E-02	1.90E-02		1.9E+03	8.0E+00				3.8E-05	9.1E-03	
AOI-27	SVOC	Benzo(b)fluoranthene	205-99-2	B2	14	1	1.10E-01	1.10E-01	2.10E-02	2.60E-02			8.0E+01					1.4E-03	
AOI-27	SVOC	Benzo(g,h,i)perylene	191-24-2	D	14	1	4.90E-02	4.90E-02	1.70E-02	2.10E-02		3.5E+05	7.0E+03				1.4E-07	7.0E-06	
AOI-27	SVOC	Benzo(k)fluoranthene	207-08-9	B2	14	1	4.40E-02	4.40E-02	1.70E-02	2.10E-02			8.0E+02					5.5E-05	
AOI-27	SVOC	Biphenyl	92-52-4	D	14				1.90E-02	2.30E-02									
AOI-27	SVOC	bis(2-Chloroethoxy)methane	111-91-1	D	14				2.70E-02	3.30E-02									
AOI-27	SVOC	bis(2-Chloroethyl) ether	111-44-4	B2	14				1.90E-02	2.30E-02	1.3E+01	1.2E+04	5.8E+01	6.1E+05					
AOI-27	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	14	1	7.00E-02	7.00E-02	1.40E-02	1.70E-02		8.9E+05	1.0E+04	4.8E+12			7.9E-08	7.0E-06	1.5E-14
AOI-27	SVOC	4-Bromophenyl-phenyl ether	101-55-3	D	14				1.60E-02	1.90E-02									
AOI-27	SVOC	Butylbenzylphthalate	85-68-7	C	14				2.20E-02	2.70E-02		2.1E+07	3.1E+02						
AOI-27	SVOC	Caprolactam	105-60-2		14				3.00E-02	3.60E-02		2.9E+05	3.1E+05						
AOI-27	SVOC	Carbazole	86-74-8	B2	14				2.00E-02	2.40E-02			2.4E+03						
AOI-27	SVOC	4-Chloro-3-methylphenol	59-50-7		14				2.00E-02	2.40E-02			1.5E+04						
AOI-27	SVOC	4-Chloroaniline	106-47-8		14				2.10E-02	2.60E-02									
AOI-27	SVOC	2-Chloronaphthalene	91-58-7		14				1.80E-02	2.20E-02			1.8E+05						
AOI-27	SVOC	2-Chlorophenol	95-57-8		14				1.90E-02	2.30E-02			4.5E+03						
AOI-27	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3		14				1.80E-02	2.20E-02									
AOI-27	SVOC	Chrysene	218-01-9	B2	14	1	8.60E-02	8.60E-02	2.30E-02	2.80E-02			8.0E+03					1.1E-05	
AOI-27	SVOC	Dibenz(a,h)anthracene	53-70-3	B2	14				1.90E-02	2.30E-02			8.0E+00						
AOI-27	SVOC	Dibenzofuran	132-64-9	D	14				1.80E-02	2.20E-02									
AOI-27	SVOC	3,3'-Dichlorobenzidine	91-94-1	B2	14				1.90E-02	2.30E-02		8.2E+03	3.0E+01						
AOI-27	SVOC	2,4-Dichlorophenol	120-83-2		14				1.70E-02	2.10E-02		2.3E+06	1.8E+03						
AOI-27	SVOC	Diethylphthalate	84-66-2	D	14				2.00E-02	2.40E-02		1.5E+06	7.4E+02	2.4E+07					
AOI-27	SVOC	2,4-Dimethylphenol	105-67-9		14				1.90E-02	2.30E-02		2.1E+06	3.6E+04						
AOI-27	SVOC	Dimethylphthalate	131-11-3	D	14				1.80E-02	2.20E-02		1.5E+06	7.9E+02	2.3E+07					
AOI-27	SVOC	Di-n-butylphthalate	84-74-2	D	14	1	4.10E-02	4.10E-02	2.40E-02	3.00E-02		1.5E+06	7.6E+02	9.7E+10			2.7E-08	5.4E-05	4.2E-13
AOI-27	SVOC	4,6-Dinitro-2-methylphenol	534-52-1		14				5.10E-02	6.20E-02			2.6E+02						
AOI-27	SVOC	2,4-Dinitrophenol	51-28-5		14				5.00E-02	6.00E-02									
AOI-27	SVOC	2,4-Dinitrotoluene	121-14-2	B2	14				2.30E-02	2.80E-02		2.0E+04	2.2E+02						
AOI-27	SVOC	2,6-Dinitrotoluene	606-20-2	B2	14				1.60E-02	1.90E-02									
AOI-27	SVOC	Di-n-octylphthalate	117-84-0		14				6.80E-02	8.20E-02			2.0E+04						
AOI-27	SVOC	Fluoranthene	206-44-0	D	14	1	1.80E-01	1.80E-01	1.70E-02	2.10E-02	8.9E+05	4.1E+06	1.3E+05			2.0E-07	4.4E-08	1.4E-06	
AOI-27	SVOC	Fluorene	86-73-7	D	14				1.60E-02	1.90E-02	1.5E+05	4.1E+06	8.7E+04						
AOI-27	SVOC	Hexachlorobenzene	118-74-1	B2	14				2.30E-02	2.80E-02	5.6E+01	8.5E+03	3.7E+01	5.7E+02					

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-27	SVOC	Hexachlorobutadiene	87-68-3	C	14				1.70E-02	2.10E-02	4.6E+02	1.8E+05	3.5E+02	8.9E+02					
AOI-27	SVOC	Hexachlorocyclopentadiene	77-47-4	E	14				1.10E-02	1.30E-02	6.0E+01	5.9E+03	7.2E+02	5.8E+03					
AOI-27	SVOC	Hexachloroethane	67-72-1	C	14				1.80E-02	2.20E-02	6.6E+02	1.0E+05	7.3E+02	7.5E+04					
AOI-27	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	14	1	4.00E-02	4.00E-02	2.00E-02	2.40E-02			8.0E+01					5.0E-04	
AOI-27	SVOC	Isophorone	78-59-1	C	14				2.30E-02	2.80E-02		8.2E+06	2.4E+03	2.0E+06					
AOI-27	SVOC	2-Methylnaphthalene	91-57-6	ID	14	2	4.20E-02	4.30E-02	1.80E-02	2.20E-02			2.6E+04					1.7E-06	
AOI-27	SVOC	Methylphenol (total)	1319-77-3		14				2.10E-02	2.60E-02		2.9E+06	3.6E+04	2.1E+07					
AOI-27	SVOC	Naphthalene	91-20-3	C	14				1.80E-02	2.20E-02	3.5E+02	8.8E+04	5.2E+04	1.4E+06					
AOI-27	SVOC	2-Nitroaniline	88-74-4		14				1.40E-02	1.70E-02									
AOI-27	SVOC	3-Nitroaniline	99-09-2	C	14				2.30E-02	2.80E-02									
AOI-27	SVOC	4-Nitroaniline	100-01-6	C	14				1.80E-02	2.20E-02				7.7E+07					
AOI-27	SVOC	Nitrobenzene	98-95-3	D	14				2.50E-02	3.10E-02	6.4E+01	2.1E+04	3.4E+02	1.5E+05					
AOI-27	SVOC	2-Nitrophenol	88-75-5		14				2.20E-02	2.70E-02			2.0E+03						
AOI-27	SVOC	4-Nitrophenol	100-02-7		14				5.60E-02	6.80E-02									
AOI-27	SVOC	N-Nitrosodiphenylamine	86-30-6	B2	14				2.00E-02	2.40E-02			7.8E+03						
AOI-27	SVOC	N-Nitroso-di-n-propylamine	621-64-7	B2	14				1.60E-02	1.90E-02		2.0E+03	5.4E+00						
AOI-27	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	C	14				2.90E-02	3.50E-02									
AOI-27	SVOC	Pentachlorophenol	87-86-5	B2	14				6.30E-02	7.70E-02		1.3E+05	3.2E+02	7.8E+07					
AOI-27	SVOC	Phenanthrene	85-01-8	D	14	1	1.50E-01	1.50E-01	2.20E-02	2.70E-02	1.9E+02	2.9E+03	5.2E+03			7.9E-04	5.2E-05	2.9E-05	
AOI-27	SVOC	Phenol	108-95-2	ID	14				1.90E-02	2.30E-02		1.8E+07	1.2E+04	2.1E+07					
AOI-27	SVOC	Pyrene	129-00-0	D	14	1	1.60E-01	1.60E-01	2.20E-02	2.70E-02	7.8E+05	2.9E+06	8.4E+04			2.1E-07	5.5E-08	1.9E-06	
AOI-27	SVOC	2,4,5-Trichlorophenol	95-95-4		14				1.60E-02	1.90E-02		1.0E+07	7.3E+04						
AOI-27	SVOC	2,4,6-Trichlorophenol	88-06-2	B2	14				2.00E-02	2.40E-02		1.3E+06	3.3E+03						
AOI-27	P/PCB	PCBs (total)	1336-36-3	B2	14	1	3.18E-02	3.18E-02	2.10E-02	2.60E-02	8.1E+02	6.5E+03	1.6E+01	4.0E+05		3.9E-05	4.9E-06	2.0E-03	8.1E-08
AOI-27	INORG	Aluminum	7429-90-5	D	14	14	1.54E+03	1.43E+04					3.7E+05		7.4E+03			1.9E-02	
AOI-27	INORG	Antimony	7440-36-0		14	4	4.60E-01	8.80E+00	2.40E-01	2.90E-01		5.9E+03	6.7E+02		8.0E-01		1.4E-03	1.2E-02	
AOI-27	INORG	Arsenic	7440-38-2	A	14	14	2.10E+00	9.80E+00				9.1E+02	3.7E+01		6.8E+00		3.3E-03	8.1E-02	
AOI-27	INORG	Barium	7440-39-3	D	14	14	9.50E+00	1.39E+02				1.5E+05	1.3E+05		6.2E+01		5.1E-04	5.9E-04	
AOI-27	INORG	Beryllium	7440-41-7	B1	14	7	1.20E-01	8.40E-01	7.30E-02	8.40E-02		5.9E+02	1.6E+03		3.1E-01		8.9E-04	3.3E-04	
AOI-27	INORG	Cadmium	7440-43-9	B1	14	13	5.30E-02	6.40E-01	1.70E-02	1.70E-02		2.2E+03	2.1E+03		1.4E+00				
AOI-27	INORG	Calcium	7440-70-2		14	14	1.80E+03	8.34E+04											
AOI-27	INORG	Chromium (total)	7440-47-3		14	14	2.90E+00	2.38E+01				2.4E+02	9.2E+03		1.8E+01		2.5E-02	6.4E-04	
AOI-27	INORG	Cobalt	7440-48-4	B1	14	14	2.00E+00	1.51E+01				5.9E+03	9.0E+03		5.8E+00		1.6E-03	1.0E-03	
AOI-27	INORG	Copper	7440-50-8	D	14	14	4.20E+00	1.25E+02				5.9E+04	7.3E+04		5.9E+01		1.1E-03	9.0E-04	
AOI-27	INORG	Cyanide (total)	57-12-5	D	14				9.30E-02	1.10E-01		2.5E+02	2.5E+02						
AOI-27	INORG	Iron	7439-89-6	D	14	14	4.54E+03	3.29E+04					5.8E+05		1.5E+04			3.0E-02	
AOI-27	INORG	Lead	7439-92-1	B2	14	14	2.10E+00	7.80E+01				4.4E+04	9.0E+02		6.8E+01		2.3E-04	1.1E-02	
AOI-27	INORG	Magnesium	7439-95-4		14	14	1.88E+03	1.53E+04				2.9E+06	1.0E+06				5.3E-03	1.5E-02	
AOI-27	INORG	Manganese	7439-96-5	D	14	14	5.10E+01	1.03E+03				1.5E+03	9.0E+04		5.2E+02		3.4E-01	5.7E-03	
AOI-27	INORG	Mercury	7439-97-6	D	14	1	3.20E-02	3.20E-02	1.70E-02	2.10E-02	6.2E+01	8.8E+03	5.8E+02	1.3E+04	1.9E-01				
AOI-27	INORG	Nickel	7440-02-0	A	14	14	4.20E+00	3.51E+01				1.6E+04	1.5E+05		1.5E+01		1.2E-03	1.3E-04	
AOI-27	INORG	Potassium	7440-09-7		14	14	2.35E+02	2.02E+03											
AOI-27	INORG	Selenium	7782-49-2	D	14				3.30E-01	4.00E-01		5.9E+04	9.6E+03		7.0E-01				
AOI-27	INORG	Silver	7440-22-4	D	14	2	1.30E-01	8.60E-01	1.10E-01	1.30E-01		2.9E+03	9.0E+03		1.0E+00				
AOI-27	INORG	Sodium	7440-23-5		14	9	5.17E+01	1.21E+02	4.23E+01	5.02E+01			1.0E+06					1.2E-04	
AOI-27	INORG	Thallium	7440-28-0		14	1	1.40E+00	1.40E+00	6.10E-01	7.50E-01			1.3E+02		9.3E-01			3.6E-03	
AOI-27	INORG	Vanadium	7440-62-2		14	14	6.30E+00	3.39E+01					5.5E+03		1.8E+01			2.8E-03	
AOI-27	INORG	Zinc	7440-66-6	D	14	14	1.60E+01	1.95E+02					6.3E+05		9.0E+01			1.7E-04	
AOI-31	VOC	Acetone	67-64-1	ID	3				5.60E-02	5.80E-02	1.6E+05	1.7E+08	7.3E+04	1.2E+07					
AOI-31	VOC	Benzene	71-43-2	A	9				8.10E-03	1.00E-02	4.5E+01	4.7E+05	4.0E+02	4.1E+02					
AOI-31	VOC	Bromodichloromethane	75-27-4	B2	3				9.60E-03	1.00E-02	3.1E+01	1.1E+05	4.9E+02						
AOI-31	VOC	Bromoform	75-25-2	B2	3				1.30E-02	1.30E-02	3.1E+03	3.6E+06	8.7E+02	9.6E+03					
AOI-31	VOC	Bromomethane	74-83-9	D	3				4.90E-02	5.10E-02	1.3E+01	1.5E+05	1.0E+03	2.5E+02					
AOI-31	VOC	2-Butanone	78-93-3	ID	3				6.10E-02	6.30E-02	3.5E+04	2.9E+07	2.7E+04	3.0E+06					
AOI-31	VOC	Carbon Disulfide	75-15-0		3				5.30E-03	5.50E-03	1.6E+03	2.1E+07	2.8E+02	3.5E+02					
AOI-31	VOC	Carbon Tetrachloride	56-23-5	B2	3				1.60E-02	1.70E-02	1.2E+01	1.7E+05	3.9E+02	7.2E+02					
AOI-31	VOC	Chlorobenzene	108-90-7	D	3				6.80E-03	7.10E-03	9.2E+02	2.1E+06	2.6E+02	1.7E+05					
AOI-31	VOC	Chloroethane	75-00-3		3				5.50E-02	5.70E-02	3.6E+04	2.9E+08	9.5E+02	1.3E+05					

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-31	VOC	Chloroform	67-66-3	B2	3				1.40E-02	1.50E-02	1.5E+02	1.6E+06	1.5E+03	1.5E+03					
AOI-31	VOC	Chloromethane	74-87-3	D	3				1.60E-02	1.70E-02	1.2E+02	2.6E+06	1.1E+03	4.7E+03					
AOI-31	VOC	Cumene	98-82-8	D	3				1.00E-02	1.00E-02	2.0E+03	2.6E+06	3.9E+02	7.3E+03					
AOI-31	VOC	Cyclohexane	110-82-7	ID	3	2	2.00E-02	2.40E-02	7.30E-03	7.30E-03									
AOI-31	VOC	1,2-Dibromo-3-chloropropane	96-12-8	B2	3				2.70E-02	2.80E-02	1.5E+01	5.9E+03	1.2E+00						
AOI-31	VOC	Dibromochloromethane	124-48-1	C	3				1.30E-02	1.30E-02	8.0E+01	1.6E+05	5.0E+02						
AOI-31	VOC	1,2-Dibromoethane	106-93-4	B2	3				8.90E-03	9.30E-03	5.8E+00	1.8E+04	4.3E-01						
AOI-31	VOC	1,2-Dichlorobenzene	95-50-1	D	3				8.10E-03	8.40E-03	4.6E+04	4.4E+07	2.1E+02	3.5E+05					
AOI-31	VOC	1,3-Dichlorobenzene	541-73-1	D	3				9.70E-03	1.00E-02			1.7E+02						
AOI-31	VOC	1,4-Dichlorobenzene	106-46-7	C	3				1.00E-02	1.00E-02	2.6E+02	5.7E+05	1.9E+03	8.2E+05					
AOI-31	VOC	Dichlorodifluoromethane	75-71-8		3				2.70E-02	2.80E-02	6.3E+04	1.5E+09	1.0E+03	6.7E+04					
AOI-31	VOC	1,1-Dichloroethane	75-34-3	C	3				1.30E-02	1.30E-02	2.5E+03	1.5E+07	8.9E+02	3.8E+04					
AOI-31	VOC	1,2-Dichloroethane	107-06-2	B2	3				1.50E-02	1.60E-02	2.1E+01	1.5E+05	4.2E+02	1.6E+03					
AOI-31	VOC	1,1-Dichloroethene	75-35-4	C	3				9.30E-03	9.60E-03	3.7E+00	7.8E+04	5.7E+02	7.0E+02					
AOI-31	VOC	cis-1,2-Dichloroethene	156-59-2	D	3				9.10E-03	9.50E-03	2.1E+02	1.0E+06	6.4E+02	1.1E+05					
AOI-31	VOC	trans-1,2-Dichloroethene	156-60-5		3				1.20E-02	1.20E-02	3.3E+02	2.1E+06	1.4E+03	6.1E+04					
AOI-31	VOC	1,2-Dichloropropane	78-87-5	B2	3				1.10E-02	1.10E-02	3.0E+01	1.2E+05	5.5E+02	7.3E+04					
AOI-31	VOC	1,3-Dichloropropene (total)	542-75-6	B2	3				9.00E-03	9.40E-03	6.0E+01	5.9E+05	2.4E+02	2.2E+02					
AOI-31	VOC	Ethyl Benzene	100-41-4	D	9	2	1.10E-02	1.80E-02	7.60E-03	1.00E-02	2.4E+03	1.3E+07	1.4E+02	1.5E+05		7.5E-06	1.4E-09	1.3E-04	1.2E-07
AOI-31	VOC	2-Hexanone	591-78-6		3				1.90E-02	1.90E-02	1.3E+03	1.2E+06	2.5E+03						
AOI-31	VOC	Methyl Acetate	79-20-9		3	2	3.30E-02	4.80E-02	2.90E-02	2.90E-02				2.0E+06					2.4E-08
AOI-31	VOC	Methyl tert-butyl ether	1634-04-4		3				9.60E-03	1.00E-02	3.0E+04	8.8E+07	5.9E+03						
AOI-31	VOC	4-Methyl-2-pentanone	108-10-1	ID	3				2.80E-02	2.90E-02	5.3E+04	6.0E+07	2.7E+03	1.0E+06					
AOI-31	VOC	Methylcyclohexane	108-87-2		3	3	1.90E-02	9.20E-02											
AOI-31	VOC	Methylene Chloride	75-09-2	B2	3				1.90E-02	1.90E-02	7.0E+02	8.3E+06	2.3E+03	1.5E+04					
AOI-31	VOC	Styrene	100-42-5		3	1	1.30E-02	1.30E-02	8.70E-03	8.80E-03	3.3E+03	6.9E+06	5.2E+02	4.3E+05		3.9E-06	1.9E-09	2.5E-05	3.0E-08
AOI-31	VOC	1,1,2,2-Tetrachloroethane	79-34-5	C	3				1.20E-02	1.20E-02	3.4E+01	6.8E+04	2.4E+02	1.8E+04					
AOI-31	VOC	Tetrachloroethene	127-18-4	C-B2	3				1.30E-02	1.30E-02	6.0E+02	6.8E+06	8.8E+01	1.4E+04					
AOI-31	VOC	Toluene	108-88-3	D	9				6.60E-03	1.00E-02	3.3E+03	1.2E+07	2.5E+02	8.7E+04					
AOI-31	VOC	1,2,4-Trichlorobenzene	120-82-1	D	3				1.30E-02	1.30E-02	3.4E+04	1.1E+07	1.1E+03						
AOI-31	VOC	1,1,1-Trichloroethane	71-55-6	D	3				1.00E-02	1.10E-02	4.5E+03	2.9E+07	4.6E+02	1.3E+05					
AOI-31	VOC	1,1,2-Trichloroethane	79-00-5	C	3				9.30E-03	9.60E-03	5.7E+01	2.5E+05	8.4E+02	3.0E+04					
AOI-31	VOC	Trichloroethene	79-01-6	C-B2	3				1.00E-02	1.10E-02	2.6E+02	2.3E+06	5.0E+02	3.9E+04					
AOI-31	VOC	Trichlorofluoromethane	75-69-4		3				1.00E-02	1.10E-02	1.1E+05	1.7E+09	5.6E+02	1.3E+05					
AOI-31	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		3				3.40E-02	3.50E-02	2.1E+05	2.3E+09	5.5E+02	2.2E+05					
AOI-31	VOC	Vinyl Chloride	75-01-4	A	3				1.30E-02	1.30E-02	2.9E+01	8.9E+05	3.4E+01	6.1E+01					
AOI-31	VOC	Xylenes (total)	1330-20-7	ID	9	1	2.20E-02	2.20E-02	1.00E-02	2.30E-02	5.4E+04	1.3E+08	1.5E+02	1.9E+05		4.1E-07	1.7E-10	1.5E-04	1.2E-07
AOI-31	SVOC	Acenaphthene	83-32-9		3				1.50E-02	1.70E-02	9.7E+04	6.2E+06	1.3E+05						
AOI-31	SVOC	Acenaphthylene	208-96-8	D	3				2.10E-02	2.30E-02	2.7E+03	1.0E+06	5.2E+03						
AOI-31	SVOC	Acetophenone	98-86-2	D	3				2.20E-02	2.40E-02	5.2E+04	1.4E+07	1.1E+03	2.5E+06					
AOI-31	SVOC	Anthracene	120-12-7	D	3	1	4.00E-02	4.00E-02	2.10E-02	2.10E-02	1.6E+06	2.9E+07	7.3E+05			2.5E-08	1.4E-09	5.5E-08	
AOI-31	SVOC	Atrazine	1912-24-9	C	3				2.40E-02	2.70E-02			3.3E+02	6.5E+08					
AOI-31	SVOC	Benzaldehyde	100-52-7		3				1.50E-02	1.70E-02									
AOI-31	SVOC	Benzo(a)anthracene	56-55-3	B2	3	2	1.30E-01	2.10E-01	2.80E-02	2.80E-02			8.0E+01					2.6E-03	
AOI-31	SVOC	Benzo(a)pyrene	50-32-8	B2	3	2	1.40E-01	2.50E-01	1.80E-02	1.80E-02		1.9E+03	8.0E+00				1.3E-04	3.1E-02	
AOI-31	SVOC	Benzo(b)fluoranthene	205-99-2	B2	3	2	1.60E-01	3.10E-01	2.40E-02	2.40E-02			8.0E+01					3.9E-03	
AOI-31	SVOC	Benzo(g,h,i)perylene	191-24-2	D	3	2	7.60E-02	1.50E-01	1.90E-02	1.90E-02		3.5E+05	7.0E+03				4.3E-07	2.1E-05	
AOI-31	SVOC	Benzo(k)fluoranthene	207-08-9	B2	3	2	1.10E-01	1.70E-01	1.90E-02	1.90E-02			8.0E+02					2.1E-04	
AOI-31	SVOC	Biphenyl	92-52-4	D	3				2.00E-02	2.20E-02									
AOI-31	SVOC	bis(2-Chloroethoxy)methane	111-91-1	D	3				2.80E-02	3.20E-02									
AOI-31	SVOC	bis(2-Chloroethyl) ether	111-44-4	B2	3				2.00E-02	2.20E-02	1.3E+01	1.2E+04	5.8E+01	6.1E+05					
AOI-31	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	3	2	8.80E-02	2.10E-01	1.60E-02	1.60E-02		8.9E+05	1.0E+04	4.8E+12			2.4E-07	2.1E-05	4.4E-14
AOI-31	SVOC	4-Bromophenyl-phenyl ether	101-55-3	D	3				1.60E-02	1.80E-02									
AOI-31	SVOC	Butylbenzylphthalate	85-68-7	C	3				2.30E-02	2.60E-02		2.1E+07	3.1E+02						
AOI-31	SVOC	Caprolactam	105-60-2		3				3.00E-02	3.40E-02		2.9E+05	3.1E+05						
AOI-31	SVOC	Carbazole	86-74-8	B2	3				2.10E-02	2.30E-02			2.4E+03						
AOI-31	SVOC	4-Chloro-3-methylphenol	59-50-7		3				2.10E-02	2.30E-02			1.5E+04						
AOI-31	SVOC	4-Chloroaniline	106-47-8		3				2.20E-02	2.40E-02									

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-31	SVOC	2-Chloronaphthalene	91-58-7		3				1.80E-02	2.10E-02			1.8E+05						
AOI-31	SVOC	2-Chlorophenol	95-57-8		3				2.00E-02	2.20E-02			4.5E+03						
AOI-31	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3		3				1.80E-02	2.10E-02									
AOI-31	SVOC	Chrysene	218-01-9	B2	3	2	1.50E-01	2.50E-01	2.70E-02	2.70E-02			8.0E+03					3.1E-05	
AOI-31	SVOC	Dibenz(a,h)anthracene	53-70-3	B2	3				2.00E-02	2.20E-02			8.0E+00						
AOI-31	SVOC	Dibenzofuran	132-64-9	D	3				1.80E-02	2.10E-02									
AOI-31	SVOC	3,3'-Dichlorobenzidine	91-94-1	B2	3				2.00E-02	2.20E-02		8.2E+03	3.0E+01						
AOI-31	SVOC	2,4-Dichlorophenol	120-83-2		3				1.70E-02	1.90E-02		2.3E+06	1.8E+03						
AOI-31	SVOC	Diethylphthalate	84-66-2	D	3				2.10E-02	2.30E-02		1.5E+06	7.4E+02	2.4E+07					
AOI-31	SVOC	2,4-Dimethylphenol	105-67-9		3				2.00E-02	2.20E-02		2.1E+06	3.6E+04						
AOI-31	SVOC	Dimethylphthalate	131-11-3	D	3				1.80E-02	2.10E-02		1.5E+06	7.9E+02	2.3E+07					
AOI-31	SVOC	Di-n-butylphthalate	84-74-2	D	3				2.50E-02	2.80E-02		1.5E+06	7.6E+02	9.7E+10					
AOI-31	SVOC	4,6-Dinitro-2-methylphenol	534-52-1		3				5.20E-02	5.80E-02			2.6E+02						
AOI-31	SVOC	2,4-Dinitrophenol	51-28-5		3				5.10E-02	5.70E-02									
AOI-31	SVOC	2,4-Dinitrotoluene	121-14-2	B2	3				2.40E-02	2.70E-02		2.0E+04	2.2E+02						
AOI-31	SVOC	2,6-Dinitrotoluene	606-20-2	B2	3				1.60E-02	1.80E-02									
AOI-31	SVOC	Di-n-octylphthalate	117-84-0		3				6.90E-02	7.80E-02			2.0E+04						
AOI-31	SVOC	Fluoranthene	206-44-0	D	3	2	2.40E-01	4.70E-01	1.90E-02	1.90E-02	8.9E+05	4.1E+06	1.3E+05			5.3E-07	1.1E-07	3.6E-06	
AOI-31	SVOC	Fluorene	86-73-7	D	3				1.60E-02	1.80E-02	1.5E+05	4.1E+06	8.7E+04						
AOI-31	SVOC	Hexachlorobenzene	118-74-1	B2	3				2.40E-02	2.70E-02	5.6E+01	8.5E+03	3.7E+01	5.7E+02					
AOI-31	SVOC	Hexachlorobutadiene	87-68-3	C	3				1.70E-02	1.90E-02	4.6E+02	1.8E+05	3.5E+02	8.9E+02					
AOI-31	SVOC	Hexachlorocyclopentadiene	77-47-4	E	3				1.10E-02	1.20E-02	6.0E+01	5.9E+03	7.2E+02	5.8E+03					
AOI-31	SVOC	Hexachloroethane	67-72-1	C	3				1.80E-02	2.10E-02	6.6E+02	1.0E+05	7.3E+02	7.5E+04					
AOI-31	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	3	2	6.80E-02	1.40E-01	2.30E-02	2.30E-02			8.0E+01					1.8E-03	
AOI-31	SVOC	Isophorone	78-59-1	C	3				2.40E-02	2.70E-02		8.2E+06	2.4E+03	2.0E+06					
AOI-31	SVOC	2-Methylnaphthalene	91-57-6	ID	3	1	5.90E-02	5.90E-02	1.80E-02	2.10E-02			2.6E+04					2.3E-06	
AOI-31	SVOC	Methylphenol (total)	1319-77-3		3				2.20E-02	2.40E-02		2.9E+06	3.6E+04	2.1E+07					
AOI-31	SVOC	Naphthalene	91-20-3	C	3				1.80E-02	2.10E-02	3.5E+02	8.8E+04	5.2E+04	1.4E+06					
AOI-31	SVOC	2-Nitroaniline	88-74-4		3				1.40E-02	1.60E-02									
AOI-31	SVOC	3-Nitroaniline	99-09-2	C	3				2.40E-02	2.70E-02									
AOI-31	SVOC	4-Nitroaniline	100-01-6	C	3				1.80E-02	2.10E-02				7.7E+07					
AOI-31	SVOC	Nitrobenzene	98-95-3	D	3				2.60E-02	2.90E-02	6.4E+01	2.1E+04	3.4E+02	1.5E+05					
AOI-31	SVOC	2-Nitrophenol	88-75-5		3				2.30E-02	2.60E-02			2.0E+03						
AOI-31	SVOC	4-Nitrophenol	100-02-7		3				5.70E-02	6.50E-02									
AOI-31	SVOC	N-Nitrosodiphenylamine	86-30-6	B2	3				2.10E-02	2.30E-02			7.8E+03						
AOI-31	SVOC	N-Nitroso-di-n-propylamine	621-64-7	B2	3				1.60E-02	1.80E-02		2.0E+03	5.4E+00						
AOI-31	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	C	3				2.90E-02	3.30E-02									
AOI-31	SVOC	Pentachlorophenol	87-86-5	B2	3				6.50E-02	7.30E-02		1.3E+05	3.2E+02	7.8E+07					
AOI-31	SVOC	Phenanthrene	85-01-8	D	3	2	1.60E-01	2.10E-01	2.60E-02	2.60E-02	1.9E+02	2.9E+03	5.2E+03			1.1E-03	7.2E-05	4.0E-05	
AOI-31	SVOC	Phenol	108-95-2	ID	3				2.00E-02	2.20E-02		1.8E+07	1.2E+04	2.1E+07					
AOI-31	SVOC	Pyrene	129-00-0	D	3	2	2.10E-01	3.70E-01	2.60E-02	2.60E-02	7.8E+05	2.9E+06	8.4E+04			4.7E-07	1.3E-07	4.4E-06	
AOI-31	SVOC	2,4,5-Trichlorophenol	95-95-4		3				1.60E-02	1.80E-02		1.0E+07	7.3E+04						
AOI-31	SVOC	2,4,6-Trichlorophenol	88-06-2	B2	3				2.10E-02	2.30E-02		1.3E+06	3.3E+03						
AOI-35	INORG	Aluminum	7429-90-5	D	3	3	2.96E+03	1.76E+04					3.7E+05		7.4E+03			2.8E-02	
AOI-35	INORG	Antimony	7440-36-0		3				2.60E-01	2.80E-01		5.9E+03	6.7E+02		8.0E-01				
AOI-35	INORG	Arsenic	7440-38-2	A	3	3	2.30E+00	1.16E+01				9.1E+02	3.7E+01		6.8E+00		5.3E-03	1.3E-01	
AOI-35	INORG	Barium	7440-39-3	D	3	3	1.94E+01	8.44E+01				1.5E+05	1.3E+05		6.2E+01		1.5E-04	1.7E-04	
AOI-35	INORG	Beryllium	7440-41-7	B1	3	2	1.20E-01	8.50E-01	7.70E-02	7.70E-02		5.9E+02	1.6E+03		3.1E-01		9.1E-04	3.3E-04	
AOI-35	INORG	Cadmium	7440-43-9	B1	3	3	4.90E-02	1.80E-01				2.2E+03	2.1E+03		1.4E+00				
AOI-35	INORG	Calcium	7440-70-2		3	3	1.09E+03	2.06E+03											
AOI-35	INORG	Chromium (total)	7440-47-3		3	3	5.10E+00	2.71E+01				2.4E+02	9.2E+03		1.8E+01		3.8E-02	1.0E-03	
AOI-35	INORG	Cobalt	7440-48-4	B1	3	3	2.10E+00	1.01E+01				5.9E+03	9.0E+03		5.8E+00		7.3E-04	4.8E-04	
AOI-35	INORG	Copper	7440-50-8	D	3	3	2.60E+00	2.13E+01				5.9E+04	7.3E+04		5.9E+01				
AOI-35	INORG	Cyanide (total)	57-12-5	D	3	1	1.40E-01	1.40E-01	1.00E-01	1.10E-01		2.5E+02	2.5E+02				5.6E-04	5.6E-04	
AOI-35	INORG	Iron	7439-89-6	D	3	3	5.51E+03	3.42E+04					5.8E+05		1.5E+04			3.2E-02	
AOI-35	INORG	Lead	7439-92-1	B2	3	3	4.70E+00	1.82E+01				4.4E+04	9.0E+02		6.8E+01				
AOI-35	INORG	Magnesium	7439-95-4		3	3	6.55E+02	3.82E+03				2.9E+06	1.0E+06				1.3E-03	3.8E-03	
AOI-35	INORG	Manganese	7439-96-5	D	3	3	5.86E+01	2.77E+02				1.5E+03	9.0E+04		5.2E+02				

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-31	VOC	Chloroform	67-66-3	B2	3				1.40E-02	1.50E-02	1.5E+02	1.6E+06	1.5E+03	1.5E+03					
AOI-31	VOC	Chloromethane	74-87-3	D	3				1.60E-02	1.70E-02	1.2E+02	2.6E+06	1.1E+03	4.7E+03					
AOI-31	VOC	Cumene	98-82-8	D	3				1.00E-02	1.00E-02	2.0E+03	2.6E+06	3.9E+02	7.3E+03					
AOI-31	VOC	Cyclohexane	110-82-7	ID	3	2	2.00E-02	2.40E-02	7.30E-03	7.30E-03									
AOI-31	VOC	1,2-Dibromo-3-chloropropane	96-12-8	B2	3				2.70E-02	2.80E-02	1.5E+01	5.9E+03	1.2E+00						
AOI-31	VOC	Dibromochloromethane	124-48-1	C	3				1.30E-02	1.30E-02	8.0E+01	1.6E+05	5.0E+02						
AOI-31	VOC	1,2-Dibromoethane	106-93-4	B2	3				8.90E-03	9.30E-03	5.8E+00	1.8E+04	4.3E-01						
AOI-31	VOC	1,2-Dichlorobenzene	95-50-1	D	3				8.10E-03	8.40E-03	4.6E+04	4.4E+07	2.1E+02	3.5E+05					
AOI-31	VOC	1,3-Dichlorobenzene	541-73-1	D	3				9.70E-03	1.00E-02			1.7E+02						
AOI-31	VOC	1,4-Dichlorobenzene	106-46-7	C	3				1.00E-02	1.00E-02	2.6E+02	5.7E+05	1.9E+03	8.2E+05					
AOI-31	VOC	Dichlorodifluoromethane	75-71-8		3				2.70E-02	2.80E-02	6.3E+04	1.5E+09	1.0E+03	6.7E+04					
AOI-31	VOC	1,1-Dichloroethane	75-34-3	C	3				1.30E-02	1.30E-02	2.5E+03	1.5E+07	8.9E+02	3.8E+04					
AOI-31	VOC	1,2-Dichloroethane	107-06-2	B2	3				1.50E-02	1.60E-02	2.1E+01	1.5E+05	4.2E+02	1.6E+03					
AOI-31	VOC	1,1-Dichloroethene	75-35-4	C	3				9.30E-03	9.60E-03	3.7E+00	7.8E+04	5.7E+02	7.0E+02					
AOI-31	VOC	cis-1,2-Dichloroethene	156-59-2	D	3				9.10E-03	9.50E-03	2.1E+02	1.0E+06	6.4E+02	1.1E+05					
AOI-31	VOC	trans-1,2-Dichloroethene	156-60-5		3				1.20E-02	1.20E-02	3.3E+02	2.1E+06	1.4E+03	6.1E+04					
AOI-31	VOC	1,2-Dichloropropane	78-87-5	B2	3				1.10E-02	1.10E-02	3.0E+01	1.2E+05	5.5E+02	7.3E+04					
AOI-31	VOC	1,3-Dichloropropene (total)	542-75-6	B2	3				9.00E-03	9.40E-03	6.0E+01	5.9E+05	2.4E+02	2.2E+02					
AOI-31	VOC	Ethyl Benzene	100-41-4	D	9	2	1.10E-02	1.80E-02	7.60E-03	1.00E-02	2.4E+03	1.3E+07	1.4E+02	1.5E+05		7.5E-06	1.4E-09	1.3E-04	1.2E-07
AOI-31	VOC	2-Hexanone	591-78-6		3				1.90E-02	1.90E-02	1.3E+03	1.2E+06	2.5E+03						
AOI-31	VOC	Methyl Acetate	79-20-9		3	2	3.30E-02	4.80E-02	2.90E-02	2.90E-02				2.0E+06					2.4E-08
AOI-31	VOC	Methyl tert-butyl ether	1634-04-4		3				9.60E-03	1.00E-02	3.0E+04	8.8E+07	5.9E+03						
AOI-31	VOC	4-Methyl-2-pentanone	108-10-1	ID	3				2.80E-02	2.90E-02	5.3E+04	6.0E+07	2.7E+03	1.0E+06					
AOI-31	VOC	Methylcyclohexane	108-87-2		3	3	1.90E-02	9.20E-02											
AOI-31	VOC	Methylene Chloride	75-09-2	B2	3				1.90E-02	1.90E-02	7.0E+02	8.3E+06	2.3E+03	1.5E+04					
AOI-31	VOC	Styrene	100-42-5		3	1	1.30E-02	1.30E-02	8.70E-03	8.80E-03	3.3E+03	6.9E+06	5.2E+02	4.3E+05		3.9E-06	1.9E-09	2.5E-05	3.0E-08
AOI-31	VOC	1,1,2,2-Tetrachloroethane	79-34-5	C	3				1.20E-02	1.20E-02	3.4E+01	6.8E+04	2.4E+02	1.8E+04					
AOI-31	VOC	Tetrachloroethene	127-18-4	C-B2	3				1.30E-02	1.30E-02	6.0E+02	6.8E+06	8.8E+01	1.4E+04					
AOI-31	VOC	Toluene	108-88-3	D	9				6.60E-03	1.00E-02	3.3E+03	1.2E+07	2.5E+02	8.7E+04					
AOI-31	VOC	1,2,4-Trichlorobenzene	120-82-1	D	3				1.30E-02	1.30E-02	3.4E+04	1.1E+07	1.1E+03						
AOI-31	VOC	1,1,1-Trichloroethane	71-55-6	D	3				1.00E-02	1.10E-02	4.5E+03	2.9E+07	4.6E+02	1.3E+05					
AOI-31	VOC	1,1,2-Trichloroethane	79-00-5	C	3				9.30E-03	9.60E-03	5.7E+01	2.5E+05	8.4E+02	3.0E+04					
AOI-31	VOC	Trichloroethene	79-01-6	C-B2	3				1.00E-02	1.10E-02	2.6E+02	2.3E+06	5.0E+02	3.9E+04					
AOI-31	VOC	Trichlorofluoromethane	75-69-4		3				1.00E-02	1.10E-02	1.1E+05	1.7E+09	5.6E+02	1.3E+05					
AOI-31	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		3				3.40E-02	3.50E-02	2.1E+05	2.3E+09	5.5E+02	2.2E+05					
AOI-31	VOC	Vinyl Chloride	75-01-4	A	3				1.30E-02	1.30E-02	2.9E+01	8.9E+05	3.4E+01	6.1E+01					
AOI-31	VOC	Xylenes (total)	1330-20-7	ID	9	1	2.20E-02	2.20E-02	1.00E-02	2.30E-02	5.4E+04	1.3E+08	1.5E+02	1.9E+05		4.1E-07	1.7E-10	1.5E-04	1.2E-07
AOI-31	SVOC	Acenaphthene	83-32-9		3				1.50E-02	1.70E-02	9.7E+04	6.2E+06	1.3E+05						
AOI-31	SVOC	Acenaphthylene	208-96-8	D	3				2.10E-02	2.30E-02	2.7E+03	1.0E+06	5.2E+03						
AOI-31	SVOC	Acetophenone	98-86-2	D	3				2.20E-02	2.40E-02	5.2E+04	1.4E+07	1.1E+03	2.5E+06					
AOI-31	SVOC	Anthracene	120-12-7	D	3	1	4.00E-02	4.00E-02	2.10E-02	2.10E-02	1.6E+06	2.9E+07	7.3E+05			2.5E-08	1.4E-09	5.5E-08	
AOI-31	SVOC	Atrazine	1912-24-9	C	3				2.40E-02	2.70E-02			3.3E+02	6.5E+08					
AOI-31	SVOC	Benzaldehyde	100-52-7		3				1.50E-02	1.70E-02									
AOI-31	SVOC	Benzo(a)anthracene	56-55-3	B2	3	2	1.30E-01	2.10E-01	2.80E-02	2.80E-02			8.0E+01					2.6E-03	
AOI-31	SVOC	Benzo(a)pyrene	50-32-8	B2	3	2	1.40E-01	2.50E-01	1.80E-02	1.80E-02		1.9E+03	8.0E+00				1.3E-04	3.1E-02	
AOI-31	SVOC	Benzo(b)fluoranthene	205-99-2	B2	3	2	1.60E-01	3.10E-01	2.40E-02	2.40E-02			8.0E+01					3.9E-03	
AOI-31	SVOC	Benzo(g,h,i)perylene	191-24-2	D	3	2	7.60E-02	1.50E-01	1.90E-02	1.90E-02		3.5E+05	7.0E+03				4.3E-07	2.1E-05	
AOI-31	SVOC	Benzo(k)fluoranthene	207-08-9	B2	3	2	1.10E-01	1.70E-01	1.90E-02	1.90E-02			8.0E+02					2.1E-04	
AOI-31	SVOC	Biphenyl	92-52-4	D	3				2.00E-02	2.20E-02									
AOI-31	SVOC	bis(2-Chloroethoxy)methane	111-91-1	D	3				2.80E-02	3.20E-02									
AOI-31	SVOC	bis(2-Chloroethyl) ether	111-44-4	B2	3				2.00E-02	2.20E-02	1.3E+01	1.2E+04	5.8E+01	6.1E+05					
AOI-31	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	3	2	8.80E-02	2.10E-01	1.60E-02	1.60E-02		8.9E+05	1.0E+04	4.8E+12			2.4E-07	2.1E-05	4.4E-14
AOI-31	SVOC	4-Bromophenyl-phenyl ether	101-55-3	D	3				1.60E-02	1.80E-02									
AOI-31	SVOC	Butylbenzylphthalate	85-68-7	C	3				2.30E-02	2.60E-02		2.1E+07	3.1E+02						
AOI-31	SVOC	Caprolactam	105-60-2		3				3.00E-02	3.40E-02		2.9E+05	3.1E+05						
AOI-31	SVOC	Carbazole	86-74-8	B2	3				2.10E-02	2.30E-02			2.4E+03						
AOI-31	SVOC	4-Chloro-3-methylphenol	59-50-7		3				2.10E-02	2.30E-02			1.5E+04						
AOI-31	SVOC	4-Chloroaniline	106-47-8		3				2.20E-02	2.40E-02									

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-31	SVOC	2-Chloronaphthalene	91-58-7		3				1.80E-02	2.10E-02			1.8E+05						
AOI-31	SVOC	2-Chlorophenol	95-57-8		3				2.00E-02	2.20E-02			4.5E+03						
AOI-31	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3		3				1.80E-02	2.10E-02									
AOI-31	SVOC	Chrysene	218-01-9	B2	3	2	1.50E-01	2.50E-01	2.70E-02	2.70E-02			8.0E+03					3.1E-05	
AOI-31	SVOC	Dibenz(a,h)anthracene	53-70-3	B2	3				2.00E-02	2.20E-02			8.0E+00						
AOI-31	SVOC	Dibenzofuran	132-64-9	D	3				1.80E-02	2.10E-02									
AOI-31	SVOC	3,3'-Dichlorobenzidine	91-94-1	B2	3				2.00E-02	2.20E-02		8.2E+03	3.0E+01						
AOI-31	SVOC	2,4-Dichlorophenol	120-83-2		3				1.70E-02	1.90E-02		2.3E+06	1.8E+03						
AOI-31	SVOC	Diethylphthalate	84-66-2	D	3				2.10E-02	2.30E-02		1.5E+06	7.4E+02	2.4E+07					
AOI-31	SVOC	2,4-Dimethylphenol	105-67-9		3				2.00E-02	2.20E-02		2.1E+06	3.6E+04						
AOI-31	SVOC	Dimethylphthalate	131-11-3	D	3				1.80E-02	2.10E-02		1.5E+06	7.9E+02	2.3E+07					
AOI-31	SVOC	Di-n-butylphthalate	84-74-2	D	3				2.50E-02	2.80E-02		1.5E+06	7.6E+02	9.7E+10					
AOI-31	SVOC	4,6-Dinitro-2-methylphenol	534-52-1		3				5.20E-02	5.80E-02			2.6E+02						
AOI-31	SVOC	2,4-Dinitrophenol	51-28-5		3				5.10E-02	5.70E-02									
AOI-31	SVOC	2,4-Dinitrotoluene	121-14-2	B2	3				2.40E-02	2.70E-02		2.0E+04	2.2E+02						
AOI-31	SVOC	2,6-Dinitrotoluene	606-20-2	B2	3				1.60E-02	1.80E-02									
AOI-31	SVOC	Di-n-octylphthalate	117-84-0		3				6.90E-02	7.80E-02			2.0E+04						
AOI-31	SVOC	Fluoranthene	206-44-0	D	3	2	2.40E-01	4.70E-01	1.90E-02	1.90E-02	8.9E+05	4.1E+06	1.3E+05			5.3E-07	1.1E-07	3.6E-06	
AOI-31	SVOC	Fluorene	86-73-7	D	3				1.60E-02	1.80E-02	1.5E+05	4.1E+06	8.7E+04						
AOI-31	SVOC	Hexachlorobenzene	118-74-1	B2	3				2.40E-02	2.70E-02	5.6E+01	8.5E+03	3.7E+01	5.7E+02					
AOI-31	SVOC	Hexachlorobutadiene	87-68-3	C	3				1.70E-02	1.90E-02	4.6E+02	1.8E+05	3.5E+02	8.9E+02					
AOI-31	SVOC	Hexachlorocyclopentadiene	77-47-4	E	3				1.10E-02	1.20E-02	6.0E+01	5.9E+03	7.2E+02	5.8E+03					
AOI-31	SVOC	Hexachloroethane	67-72-1	C	3				1.80E-02	2.10E-02	6.6E+02	1.0E+05	7.3E+02	7.5E+04					
AOI-31	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	3	2	6.80E-02	1.40E-01	2.30E-02	2.30E-02			8.0E+01					1.8E-03	
AOI-31	SVOC	Isophorone	78-59-1	C	3				2.40E-02	2.70E-02		8.2E+06	2.4E+03	2.0E+06					
AOI-31	SVOC	2-Methylnaphthalene	91-57-6	ID	3	1	5.90E-02	5.90E-02	1.80E-02	2.10E-02			2.6E+04					2.3E-06	
AOI-31	SVOC	Methylphenol (total)	1319-77-3		3				2.20E-02	2.40E-02		2.9E+06	3.6E+04	2.1E+07					
AOI-31	SVOC	Naphthalene	91-20-3	C	3				1.80E-02	2.10E-02	3.5E+02	8.8E+04	5.2E+04	1.4E+06					
AOI-31	SVOC	2-Nitroaniline	88-74-4		3				1.40E-02	1.60E-02									
AOI-31	SVOC	3-Nitroaniline	99-09-2	C	3				2.40E-02	2.70E-02									
AOI-31	SVOC	4-Nitroaniline	100-01-6	C	3				1.80E-02	2.10E-02				7.7E+07					
AOI-31	SVOC	Nitrobenzene	98-95-3	D	3				2.60E-02	2.90E-02	6.4E+01	2.1E+04	3.4E+02	1.5E+05					
AOI-31	SVOC	2-Nitrophenol	88-75-5		3				2.30E-02	2.60E-02			2.0E+03						
AOI-31	SVOC	4-Nitrophenol	100-02-7		3				5.70E-02	6.50E-02									
AOI-31	SVOC	N-Nitrosodiphenylamine	86-30-6	B2	3				2.10E-02	2.30E-02			7.8E+03						
AOI-31	SVOC	N-Nitroso-di-n-propylamine	621-64-7	B2	3				1.60E-02	1.80E-02		2.0E+03	5.4E+00						
AOI-31	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	C	3				2.90E-02	3.30E-02									
AOI-31	SVOC	Pentachlorophenol	87-86-5	B2	3				6.50E-02	7.30E-02		1.3E+05	3.2E+02	7.8E+07					
AOI-31	SVOC	Phenanthrene	85-01-8	D	3	2	1.60E-01	2.10E-01	2.60E-02	2.60E-02	1.9E+02	2.9E+03	5.2E+03			1.1E-03	7.2E-05	4.0E-05	
AOI-31	SVOC	Phenol	108-95-2	ID	3				2.00E-02	2.20E-02		1.8E+07	1.2E+04	2.1E+07					
AOI-31	SVOC	Pyrene	129-00-0	D	3	2	2.10E-01	3.70E-01	2.60E-02	2.60E-02	7.8E+05	2.9E+06	8.4E+04			4.7E-07	1.3E-07	4.4E-06	
AOI-31	SVOC	2,4,5-Trichlorophenol	95-95-4		3				1.60E-02	1.80E-02		1.0E+07	7.3E+04						
AOI-31	SVOC	2,4,6-Trichlorophenol	88-06-2	B2	3				2.10E-02	2.30E-02		1.3E+06	3.3E+03						
AOI-35	INORG	Aluminum	7429-90-5	D	3	3	2.96E+03	1.76E+04					3.7E+05		7.4E+03			2.8E-02	
AOI-35	INORG	Antimony	7440-36-0		3				2.60E-01	2.80E-01		5.9E+03	6.7E+02		8.0E-01				
AOI-35	INORG	Arsenic	7440-38-2	A	3	3	2.30E+00	1.16E+01				9.1E+02	3.7E+01		6.8E+00		5.3E-03	1.3E-01	
AOI-35	INORG	Barium	7440-39-3	D	3	3	1.94E+01	8.44E+01				1.5E+05	1.3E+05		6.2E+01		1.5E-04	1.7E-04	
AOI-35	INORG	Beryllium	7440-41-7	B1	3	2	1.20E-01	8.50E-01	7.70E-02	7.70E-02		5.9E+02	1.6E+03		3.1E-01		9.1E-04	3.3E-04	
AOI-35	INORG	Cadmium	7440-43-9	B1	3	3	4.90E-02	1.80E-01				2.2E+03	2.1E+03		1.4E+00				
AOI-35	INORG	Calcium	7440-70-2		3	3	1.09E+03	2.06E+03											
AOI-35	INORG	Chromium (total)	7440-47-3		3	3	5.10E+00	2.71E+01				2.4E+02	9.2E+03		1.8E+01		3.8E-02	1.0E-03	
AOI-35	INORG	Cobalt	7440-48-4	B1	3	3	2.10E+00	1.01E+01				5.9E+03	9.0E+03		5.8E+00		7.3E-04	4.8E-04	
AOI-35	INORG	Copper	7440-50-8	D	3	3	2.60E+00	2.13E+01				5.9E+04	7.3E+04		5.9E+01				
AOI-35	INORG	Cyanide (total)	57-12-5	D	3	1	1.40E-01	1.40E-01	1.00E-01	1.10E-01		2.5E+02	2.5E+02				5.6E-04	5.6E-04	
AOI-35	INORG	Iron	7439-89-6	D	3	3	5.51E+03	3.42E+04					5.8E+05		1.5E+04			3.2E-02	
AOI-35	INORG	Lead	7439-92-1	B2	3	3	4.70E+00	1.82E+01				4.4E+04	9.0E+02		6.8E+01				
AOI-35	INORG	Magnesium	7439-95-4		3	3	6.55E+02	3.82E+03				2.9E+06	1.0E+06				1.3E-03	3.8E-03	
AOI-35	INORG	Manganese	7439-96-5	D	3	3	5.86E+01	2.77E+02				1.5E+03	9.0E+04		5.2E+02				

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-35	INORG	Mercury	7439-97-6	D	3	2	2.10E-02	3.50E-02	1.80E-02	1.80E-02	6.2E+01	8.8E+03	5.8E+02	1.3E+04	1.9E-01				
AOI-35	INORG	Nickel	7440-02-0	A	3	3	4.90E+00	3.07E+01				1.6E+04	1.5E+05		1.5E+01		9.6E-04	1.0E-04	
AOI-35	INORG	Potassium	7440-09-7		3	3	3.27E+02	1.53E+03											
AOI-35	INORG	Selenium	7782-49-2	D	3	3	4.30E-01	2.00E+00				5.9E+04	9.6E+03		7.0E-01		2.2E-05	1.4E-04	
AOI-35	INORG	Silver	7440-22-4	D	3				1.10E-01	1.20E-01		2.9E+03	9.0E+03		1.0E+00				
AOI-35	INORG	Sodium	7440-23-5		3	3	4.54E+01	5.07E+02					1.0E+06					5.1E-04	
AOI-35	INORG	Thallium	7440-28-0		3	1	8.80E-01	8.80E-01	6.60E-01	7.20E-01			1.3E+02		9.3E-01				
AOI-35	INORG	Vanadium	7440-62-2		3	3	9.00E+00	3.81E+01					5.5E+03		1.8E+01			3.6E-03	
AOI-35	INORG	Zinc	7440-66-6	D	3	3	4.67E+01	8.12E+01					6.3E+05		9.0E+01				
AOI-37	VOC	Acetone	67-64-1	ID	3	3	7.80E-02	2.30E-01			1.6E+05	1.7E+08	7.3E+04	1.2E+07		1.4E-06	1.4E-09	3.2E-06	1.9E-08
AOI-37	VOC	Benzene	71-43-2	A	3				7.90E-03	8.30E-03	4.5E+01	4.7E+05	4.0E+02	4.1E+02					
AOI-37	VOC	Bromodichloromethane	75-27-4	B2	3				9.30E-03	9.90E-03	3.1E+01	1.1E+05	4.9E+02						
AOI-37	VOC	Bromoform	75-25-2	B2	3				1.30E-02	1.30E-02	3.1E+03	3.6E+06	8.7E+02	9.6E+03					
AOI-37	VOC	Bromomethane	74-83-9	D	3				4.80E-02	5.10E-02	1.3E+01	1.5E+05	1.0E+03	2.5E+02					
AOI-37	VOC	2-Butanone	78-93-3	ID	3				5.90E-02	6.30E-02	3.5E+04	2.9E+07	2.7E+04	3.0E+06					
AOI-37	VOC	Carbon Disulfide	75-15-0		3				5.10E-03	5.40E-03	1.6E+03	2.1E+07	2.8E+02	3.5E+02					
AOI-37	VOC	Carbon Tetrachloride	56-23-5	B2	3				1.60E-02	1.70E-02	1.2E+01	1.7E+05	3.9E+02	7.2E+02					
AOI-37	VOC	Chlorobenzene	108-90-7	D	3				6.60E-03	7.00E-03	9.2E+02	2.1E+06	2.6E+02	1.7E+05					
AOI-37	VOC	Chloroethane	75-00-3		3				5.40E-02	5.70E-02	3.6E+04	2.9E+08	9.5E+02	1.3E+05					
AOI-37	VOC	Chloroform	67-66-3	B2	3				1.40E-02	1.40E-02	1.5E+02	1.6E+06	1.5E+03	1.5E+03					
AOI-37	VOC	Chloromethane	74-87-3	D	3				1.60E-02	1.70E-02	1.2E+02	2.6E+06	1.1E+03	4.7E+03					
AOI-37	VOC	Cumene	98-82-8	D	3				9.70E-03	1.00E-02	2.0E+03	2.6E+06	3.9E+02	7.3E+03					
AOI-37	VOC	Cyclohexane	110-82-7	ID	3				7.10E-03	7.50E-03									
AOI-37	VOC	1,2-Dibromo-3-chloropropane	96-12-8	B2	3				2.60E-02	2.80E-02	1.5E+01	5.9E+03	1.2E+00						
AOI-37	VOC	Dibromochloromethane	124-48-1	C	3				1.30E-02	1.30E-02	8.0E+01	1.6E+05	5.0E+02						
AOI-37	VOC	1,2-Dibromoethane	106-93-4	B2	3				8.70E-03	9.20E-03	5.8E+00	1.8E+04	4.3E-01						
AOI-37	VOC	1,2-Dichlorobenzene	95-50-1	D	3				7.90E-03	8.30E-03	4.6E+04	4.4E+07	2.1E+02	3.5E+05					
AOI-37	VOC	1,3-Dichlorobenzene	541-73-1	D	3				9.50E-03	1.00E-02			1.7E+02						
AOI-37	VOC	1,4-Dichlorobenzene	106-46-7	C	3				9.80E-03	1.00E-02	2.6E+02	5.7E+05	1.9E+03	8.2E+05					
AOI-37	VOC	Dichlorodifluoromethane	75-71-8		3				2.60E-02	2.80E-02	6.3E+04	1.5E+09	1.0E+03	6.7E+04					
AOI-37	VOC	1,1-Dichloroethane	75-34-3	C	3	2	1.90E-01	7.10E-01	1.30E-02	1.30E-02	2.5E+03	1.5E+07	8.9E+02	3.8E+04		2.8E-04	4.7E-08	8.0E-04	1.9E-05
AOI-37	VOC	1,2-Dichloroethane	107-06-2	B2	3				1.50E-02	1.60E-02	2.1E+01	1.5E+05	4.2E+02	1.6E+03					
AOI-37	VOC	1,1-Dichloroethene	75-35-4	C	3	2	5.30E-02	4.00E-01	9.40E-03	9.40E-03	3.7E+00	7.8E+04	5.7E+02	7.0E+02		1.1E-01	5.1E-06	7.0E-04	5.7E-04
AOI-37	VOC	cis-1,2-Dichloroethene	156-59-2	D	3				8.90E-03	9.40E-03	2.1E+02	1.0E+06	6.4E+02	1.1E+05					
AOI-37	VOC	trans-1,2-Dichloroethene	156-60-5		3				1.10E-02	1.20E-02	3.3E+02	2.1E+06	1.4E+03	6.1E+04					
AOI-37	VOC	1,2-Dichloropropane	78-87-5	B2	3				1.10E-02	1.10E-02	3.0E+01	1.2E+05	5.5E+02	7.3E+04					
AOI-37	VOC	1,3-Dichloropropene (total)	542-75-6	B2	3				8.80E-03	9.30E-03	6.0E+01	5.9E+05	2.4E+02	2.2E+02					
AOI-37	VOC	Ethyl Benzene	100-41-4	D	3				7.40E-03	7.80E-03	2.4E+03	1.3E+07	1.4E+02	1.5E+05					
AOI-37	VOC	2-Hexanone	591-78-6		3				1.80E-02	1.90E-02	1.3E+03	1.2E+06	2.5E+03						
AOI-37	VOC	Methyl Acetate	79-20-9		3				2.70E-02	2.90E-02				2.0E+06					
AOI-37	VOC	Methyl tert-butyl ether	1634-04-4		3				9.30E-03	9.90E-03	3.0E+04	8.8E+07	5.9E+03						
AOI-37	VOC	4-Methyl-2-pentanone	108-10-1	ID	3				2.70E-02	2.90E-02	5.3E+04	6.0E+07	2.7E+03	1.0E+06					
AOI-37	VOC	Methylcyclohexane	108-87-2		3				1.00E-02	1.10E-02									
AOI-37	VOC	Methylene Chloride	75-09-2	B2	3				1.80E-02	1.90E-02	7.0E+02	8.3E+06	2.3E+03	1.5E+04					
AOI-37	VOC	Styrene	100-42-5		3				8.20E-03	8.70E-03	3.3E+03	6.9E+06	5.2E+02	4.3E+05					
AOI-37	VOC	1,1,2,2-Tetrachloroethane	79-34-5	C	3				1.10E-02	1.20E-02	3.4E+01	6.8E+04	2.4E+02	1.8E+04					
AOI-37	VOC	Tetrachloroethene	127-18-4	C-B2	3				1.30E-02	1.30E-02	6.0E+02	6.8E+06	8.8E+01	1.4E+04					
AOI-37	VOC	Toluene	108-88-3	D	3				6.40E-03	6.80E-03	3.3E+03	1.2E+07	2.5E+02	8.7E+04					
AOI-37	VOC	1,2,4-Trichlorobenzene	120-82-1	D	3				1.30E-02	1.30E-02	3.4E+04	1.1E+07	1.1E+03						
AOI-37	VOC	1,1,1-Trichloroethane	71-55-6	D	3	2	2.40E-01	3.90E+00	1.10E-02	1.10E-02	4.5E+03	2.9E+07	4.6E+02	1.3E+05		8.7E-04	1.3E-07	8.5E-03	3.0E-05
AOI-37	VOC	1,1,2-Trichloroethane	79-00-5	C	3				9.00E-03	9.50E-03	5.7E+01	2.5E+05	8.4E+02	3.0E+04					
AOI-37	VOC	Trichloroethene	79-01-6	C-B2	3				9.90E-03	1.00E-02	2.6E+02	2.3E+06	5.0E+02	3.9E+04					
AOI-37	VOC	Trichlorofluoromethane	75-69-4		3				1.00E-02	1.10E-02	1.1E+05	1.7E+09	5.6E+02	1.3E+05					
AOI-37	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		3				3.30E-02	3.50E-02	2.1E+05	2.3E+09	5.5E+02	2.2E+05					
AOI-37	VOC	Vinyl Chloride	75-01-4	A	3				1.30E-02	1.30E-02	2.9E+01	8.9E+05	3.4E+01	6.1E+01					
AOI-37	VOC	Xylenes (total)	1330-20-7	ID	3				2.20E-02	2.30E-02	5.4E+04	1.3E+08	1.5E+02	1.9E+05					
AOI-37	SVOC	Acenaphthene	83-32-9		3				1.60E-02	1.70E-02	9.7E+04	6.2E+06	1.3E+05						
AOI-37	SVOC	Acenaphthylene	208-96-8	D	3				2.20E-02	2.30E-02	2.7E+03	1.0E+06	5.2E+03						

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-37	SVOC	Acetophenone	98-86-2	D	3				2.30E-02	2.40E-02	5.2E+04	1.4E+07	1.1E+03	2.5E+06					
AOI-37	SVOC	Anthracene	120-12-7	D	3				1.90E-02	2.00E-02	1.6E+06	2.9E+07	7.3E+05						
AOI-37	SVOC	Atrazine	1912-24-9	C	3				2.50E-02	2.70E-02			3.3E+02	6.5E+08					
AOI-37	SVOC	Benzaldehyde	100-52-7		3				1.60E-02	1.70E-02									
AOI-37	SVOC	Benzo(a)anthracene	56-55-3	B2	3				2.60E-02	2.80E-02			8.0E+01						
AOI-37	SVOC	Benzo(a)pyrene	50-32-8	B2	3				1.70E-02	1.80E-02		1.9E+03	8.0E+00						
AOI-37	SVOC	Benzo(b)fluoranthene	205-99-2	B2	3				2.30E-02	2.40E-02			8.0E+01						
AOI-37	SVOC	Benzo(g,h,i)perylene	191-24-2	D	3				1.80E-02	1.90E-02		3.5E+05	7.0E+03						
AOI-37	SVOC	Benzo(k)fluoranthene	207-08-9	B2	3				1.80E-02	1.90E-02			8.0E+02						
AOI-37	SVOC	Biphenyl	92-52-4	D	3				2.10E-02	2.20E-02									
AOI-37	SVOC	bis(2-Chloroethoxy)methane	111-91-1	D	3				3.00E-02	3.10E-02									
AOI-37	SVOC	bis(2-Chloroethyl) ether	111-44-4	B2	3				2.10E-02	2.20E-02	1.3E+01	1.2E+04	5.8E+01	6.1E+05					
AOI-37	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	3				1.50E-02	1.60E-02		8.9E+05	1.0E+04	4.8E+12					
AOI-37	SVOC	4-Bromophenyl-phenyl ether	101-55-3	D	3				1.70E-02	1.80E-02									
AOI-37	SVOC	Butylbenzylphthalate	85-68-7	C	3				2.40E-02	2.50E-02		2.1E+07	3.1E+02						
AOI-37	SVOC	Caprolactam	105-60-2		3				3.20E-02	3.40E-02		2.9E+05	3.1E+05						
AOI-37	SVOC	Carbazole	86-74-8	B2	3				2.20E-02	2.30E-02			2.4E+03						
AOI-37	SVOC	4-Chloro-3-methylphenol	59-50-7		3				2.20E-02	2.30E-02			1.5E+04						
AOI-37	SVOC	4-Chloroaniline	106-47-8		3				2.30E-02	2.40E-02									
AOI-37	SVOC	2-Chloronaphthalene	91-58-7		3				1.90E-02	2.00E-02			1.8E+05						
AOI-37	SVOC	2-Chlorophenol	95-57-8		3				2.10E-02	2.20E-02			4.5E+03						
AOI-37	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3		3				1.90E-02	2.00E-02									
AOI-37	SVOC	Chrysene	218-01-9	B2	3				2.50E-02	2.70E-02			8.0E+03						
AOI-37	SVOC	Dibenz(a,h)anthracene	53-70-3	B2	3				2.10E-02	2.20E-02			8.0E+00						
AOI-37	SVOC	Dibenzofuran	132-64-9	D	3				1.90E-02	2.00E-02									
AOI-37	SVOC	3,3'-Dichlorobenzidine	91-94-1	B2	3				2.10E-02	2.20E-02		8.2E+03	3.0E+01						
AOI-37	SVOC	2,4-Dichlorophenol	120-83-2		3				1.80E-02	1.90E-02		2.3E+06	1.8E+03						
AOI-37	SVOC	Diethylphthalate	84-66-2	D	3				2.20E-02	2.30E-02		1.5E+06	7.4E+02	2.4E+07					
AOI-37	SVOC	2,4-Dimethylphenol	105-67-9		3				2.10E-02	2.20E-02		2.1E+06	3.6E+04						
AOI-37	SVOC	Dimethylphthalate	131-11-3	D	3				1.90E-02	2.00E-02		1.5E+06	7.9E+02	2.3E+07					
AOI-37	SVOC	Di-n-butylphthalate	84-74-2	D	3				2.60E-02	2.80E-02		1.5E+06	7.6E+02	9.7E+10					
AOI-37	SVOC	4,6-Dinitro-2-methylphenol	534-52-1		3				5.50E-02	5.80E-02			2.6E+02						
AOI-37	SVOC	2,4-Dinitrophenol	51-28-5		3				5.40E-02	5.70E-02									
AOI-37	SVOC	2,4-Dinitrotoluene	121-14-2	B2	3				2.50E-02	2.70E-02		2.0E+04	2.2E+02						
AOI-37	SVOC	2,6-Dinitrotoluene	606-20-2	B2	3				1.70E-02	1.80E-02									
AOI-37	SVOC	Di-n-octylphthalate	117-84-0		3				7.30E-02	7.70E-02			2.0E+04						
AOI-37	SVOC	Fluoranthene	206-44-0	D	3	1	7.70E-02	7.70E-02	1.90E-02	1.90E-02	8.9E+05	4.1E+06	1.3E+05			8.7E-08	1.9E-08	5.9E-07	
AOI-37	SVOC	Fluorene	86-73-7	D	3				1.70E-02	1.80E-02	1.5E+05	4.1E+06	8.7E+04						
AOI-37	SVOC	Hexachlorobenzene	118-74-1	B2	3				2.50E-02	2.70E-02	5.6E+01	8.5E+03	3.7E+01	5.7E+02					
AOI-37	SVOC	Hexachlorobutadiene	87-68-3	C	3				1.80E-02	1.90E-02	4.6E+02	1.8E+05	3.5E+02	8.9E+02					
AOI-37	SVOC	Hexachlorocyclopentadiene	77-47-4	E	3				1.10E-02	1.20E-02	6.0E+01	5.9E+03	7.2E+02	5.8E+03					
AOI-37	SVOC	Hexachloroethane	67-72-1	C	3				1.90E-02	2.00E-02	6.6E+02	1.0E+05	7.3E+02	7.5E+04					
AOI-37	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	3				2.20E-02	2.30E-02			8.0E+01						
AOI-37	SVOC	Isophorone	78-59-1	C	3				2.50E-02	2.70E-02		8.2E+06	2.4E+03	2.0E+06					
AOI-37	SVOC	2-Methylnaphthalene	91-57-6	ID	3				1.90E-02	2.00E-02			2.6E+04						
AOI-37	SVOC	Methylphenol (total)	1319-77-3		3				2.30E-02	2.40E-02		2.9E+06	3.6E+04	2.1E+07					
AOI-37	SVOC	Naphthalene	91-20-3	C	3				1.90E-02	2.00E-02	3.5E+02	8.8E+04	5.2E+04	1.4E+06					
AOI-37	SVOC	2-Nitroaniline	88-74-4		3				1.50E-02	1.60E-02									
AOI-37	SVOC	3-Nitroaniline	99-09-2	C	3				2.50E-02	2.70E-02									
AOI-37	SVOC	4-Nitroaniline	100-01-6	C	3				1.90E-02	2.00E-02				7.7E+07					
AOI-37	SVOC	Nitrobenzene	98-95-3	D	3				2.70E-02	2.90E-02	6.4E+01	2.1E+04	3.4E+02	1.5E+05					
AOI-37	SVOC	2-Nitrophenol	88-75-5		3				2.40E-02	2.50E-02			2.0E+03						
AOI-37	SVOC	4-Nitrophenol	100-02-7		3				6.00E-02	6.40E-02									
AOI-37	SVOC	N-Nitrosodiphenylamine	86-30-6	B2	3				2.20E-02	2.30E-02			7.8E+03						
AOI-37	SVOC	N-Nitroso-di-n-propylamine	621-64-7	B2	3				1.70E-02	1.80E-02		2.0E+03	5.4E+00						
AOI-37	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	C	3				3.10E-02	3.30E-02									
AOI-37	SVOC	Pentachlorophenol	87-86-5	B2	3				6.80E-02	7.20E-02		1.3E+05	3.2E+02	7.8E+07					
AOI-37	SVOC	Phenanthrene	85-01-8	D	3	1	5.20E-02	5.20E-02	2.50E-02	2.50E-02	1.9E+02	2.9E+03	5.2E+03			2.7E-04	1.8E-05	1.0E-05	

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-37	SVOC	Phenol	108-95-2	ID	3				2.10E-02	2.20E-02		1.8E+07	1.2E+04	2.1E+07					
AOI-37	SVOC	Pyrene	129-00-0	D	3	1	4.30E-02	4.30E-02	2.50E-02	2.50E-02	7.8E+05	2.9E+06	8.4E+04			5.5E-08	1.5E-08	5.1E-07	
AOI-37	SVOC	2,4,5-Trichlorophenol	95-95-4		3				1.70E-02	1.80E-02		1.0E+07	7.3E+04						
AOI-37	SVOC	2,4,6-Trichlorophenol	88-06-2	B2	3				2.20E-02	2.30E-02		1.3E+06	3.3E+03						
AOI-45	VOC	Acetone	67-64-1	ID	10				5.20E-02	5.80E-02	1.6E+05	1.7E+08	7.3E+04	1.2E+07					
AOI-45	VOC	Benzene	71-43-2	A	10	1	1.00E-02	1.00E-02	7.50E-03	8.40E-03	4.5E+01	4.7E+05	4.0E+02	4.1E+02		2.2E-04	2.1E-08	2.5E-05	2.4E-05
AOI-45	VOC	Bromodichloromethane	75-27-4	B2	10				8.90E-03	1.00E-02	3.1E+01	1.1E+05	4.9E+02						
AOI-45	VOC	Bromoform	75-25-2	B2	10				1.20E-02	1.30E-02	3.1E+03	3.6E+06	8.7E+02	9.6E+03					
AOI-45	VOC	Bromomethane	74-83-9	D	10				4.60E-02	5.10E-02	1.3E+01	1.5E+05	1.0E+03	2.5E+02					
AOI-45	VOC	2-Butanone	78-93-3	ID	10				5.70E-02	6.30E-02	3.5E+04	2.9E+07	2.7E+04	3.0E+06					
AOI-45	VOC	Carbon Disulfide	75-15-0		10				4.90E-03	5.50E-03	1.6E+03	2.1E+07	2.8E+02	3.5E+02					
AOI-45	VOC	Carbon Tetrachloride	56-23-5	B2	10				1.50E-02	1.70E-02	1.2E+01	1.7E+05	3.9E+02	7.2E+02					
AOI-45	VOC	Chlorobenzene	108-90-7	D	10				6.30E-03	7.10E-03	9.2E+02	2.1E+06	2.6E+02	1.7E+05					
AOI-45	VOC	Chloroethane	75-00-3		10				5.10E-02	5.70E-02	3.6E+04	2.9E+08	9.5E+02	1.3E+05					
AOI-45	VOC	Chloroform	67-66-3	B2	10				1.30E-02	1.50E-02	1.5E+02	1.6E+06	1.5E+03	1.5E+03					
AOI-45	VOC	Chloromethane	74-87-3	D	10				1.50E-02	1.70E-02	1.2E+02	2.6E+06	1.1E+03	4.7E+03					
AOI-45	VOC	Cumene	98-82-8	D	10				9.20E-03	1.00E-02	2.0E+03	2.6E+06	3.9E+02	7.3E+03					
AOI-45	VOC	Cyclohexane	110-82-7	ID	10	4	3.00E-02	9.30E-02	6.70E-03	7.50E-03									
AOI-45	VOC	1,2-Dibromo-3-chloropropane	96-12-8	B2	10				2.50E-02	2.80E-02	1.5E+01	5.9E+03	1.2E+00						
AOI-45	VOC	Dibromochloromethane	124-48-1	C	10				1.20E-02	1.30E-02	8.0E+01	1.6E+05	5.0E+02						
AOI-45	VOC	1,2-Dibromoethane	106-93-4	B2	10				8.30E-03	9.30E-03	5.8E+00	1.8E+04	4.3E-01						
AOI-45	VOC	1,2-Dichlorobenzene	95-50-1	D	10				7.50E-03	8.40E-03	4.6E+04	4.4E+07	2.1E+02	3.5E+05					
AOI-45	VOC	1,3-Dichlorobenzene	541-73-1	D	10				9.00E-03	1.00E-02			1.7E+02						
AOI-45	VOC	1,4-Dichlorobenzene	106-46-7	C	10				9.40E-03	1.00E-02	2.6E+02	5.7E+05	1.9E+03	8.2E+05					
AOI-45	VOC	Dichlorodifluoromethane	75-71-8		10				2.50E-02	2.80E-02	6.3E+04	1.5E+09	1.0E+03	6.7E+04					
AOI-45	VOC	1,1-Dichloroethane	75-34-3	C	10				1.20E-02	1.30E-02	2.5E+03	1.5E+07	8.9E+02	3.8E+04					
AOI-45	VOC	1,2-Dichloroethane	107-06-2	B2	10				1.40E-02	1.60E-02	2.1E+01	1.5E+05	4.2E+02	1.6E+03					
AOI-45	VOC	1,1-Dichloroethene	75-35-4	C	10				8.60E-03	9.60E-03	3.7E+00	7.8E+04	5.7E+02	7.0E+02					
AOI-45	VOC	cis-1,2-Dichloroethene	156-59-2	D	10	1	6.00E-02	6.00E-02	8.50E-03	9.50E-03	2.1E+02	1.0E+06	6.4E+02	1.1E+05		2.9E-04	6.0E-08	9.4E-05	5.6E-07
AOI-45	VOC	trans-1,2-Dichloroethene	156-60-5		10	1	6.80E-02	6.80E-02	1.10E-02	1.20E-02	3.3E+02	2.1E+06	1.4E+03	6.1E+04		2.1E-04	3.2E-08	4.9E-05	1.1E-06
AOI-45	VOC	1,2-Dichloropropane	78-87-5	B2	10				1.00E-02	1.10E-02	3.0E+01	1.2E+05	5.5E+02	7.3E+04					
AOI-45	VOC	1,3-Dichloropropene (total)	542-75-6	B2	10				8.40E-03	9.40E-03	6.0E+01	5.9E+05	2.4E+02	2.2E+02					
AOI-45	VOC	Ethyl Benzene	100-41-4	D	10	3	7.40E-03	2.90E-02	7.10E-03	7.90E-03	2.4E+03	1.3E+07	1.4E+02	1.5E+05		1.2E-05	2.2E-09	2.1E-04	1.9E-07
AOI-45	VOC	2-Hexanone	591-78-6		10				1.70E-02	1.90E-02	1.3E+03	1.2E+06	2.5E+03						
AOI-45	VOC	Methyl Acetate	79-20-9		10	1	1.10E-01	1.10E-01	2.60E-02	2.90E-02				2.0E+06					5.4E-08
AOI-45	VOC	Methyl tert-butyl ether	1634-04-4		10				8.90E-03	1.00E-02	3.0E+04	8.8E+07	5.9E+03						
AOI-45	VOC	4-Methyl-2-pentanone	108-10-1	ID	10				2.60E-02	2.90E-02	5.3E+04	6.0E+07	2.7E+03	1.0E+06					
AOI-45	VOC	Methylcyclohexane	108-87-2		10	6	1.70E-02	2.70E-01	9.70E-03	1.00E-02									
AOI-45	VOC	Methylene Chloride	75-09-2	B2	10				1.70E-02	1.90E-02	7.0E+02	8.3E+06	2.3E+03	1.5E+04					
AOI-45	VOC	Styrene	100-42-5		10				7.80E-03	8.80E-03	3.3E+03	6.9E+06	5.2E+02	4.3E+05					
AOI-45	VOC	1,1,2,2-Tetrachloroethane	79-34-5	C	10				1.10E-02	1.20E-02	3.4E+01	6.8E+04	2.4E+02	1.8E+04					
AOI-45	VOC	Tetrachloroethene	127-18-4	C-B2	10	2	5.10E-02	7.90E-02	1.20E-02	1.30E-02	6.0E+02	6.8E+06	8.8E+01	1.4E+04		1.3E-04	1.2E-08	9.0E-04	5.7E-06
AOI-45	VOC	Toluene	108-88-3	D	10	5	2.00E-02	5.70E-02	6.10E-03	6.80E-03	3.3E+03	1.2E+07	2.5E+02	8.7E+04		1.7E-05	4.8E-09	2.3E-04	6.6E-07
AOI-45	VOC	1,2,4-Trichlorobenzene	120-82-1	D	10				1.20E-02	1.30E-02	3.4E+04	1.1E+07	1.1E+03						
AOI-45	VOC	1,1,1-Trichloroethane	71-55-6	D	10	1	9.50E-02	9.50E-02	9.70E-03	1.10E-02	4.5E+03	2.9E+07	4.6E+02	1.3E+05		2.1E-05	3.3E-09	2.1E-04	7.3E-07
AOI-45	VOC	1,1,2-Trichloroethane	79-00-5	C	10				8.60E-03	9.60E-03	5.7E+01	2.5E+05	8.4E+02	3.0E+04					
AOI-45	VOC	Trichloroethene	79-01-6	C-B2	10	2	1.30E-02	1.10E-01	9.50E-03	1.10E-02	2.6E+02	2.3E+06	5.0E+02	3.9E+04		4.2E-04	4.8E-08	2.2E-04	2.8E-06
AOI-45	VOC	Trichlorofluoromethane	75-69-4		10				9.60E-03	1.10E-02	1.1E+05	1.7E+09	5.6E+02	1.3E+05					
AOI-45	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		10				3.20E-02	3.50E-02	2.1E+05	2.3E+09	5.5E+02	2.2E+05					
AOI-45	VOC	Vinyl Chloride	75-01-4	A	10				1.20E-02	1.30E-02	2.9E+01	8.9E+05	3.4E+01	6.1E+01					
AOI-45	VOC	Xylenes (total)	1330-20-7	ID	10	5	2.80E-02	1.70E-01	2.10E-02	2.30E-02	5.4E+04	1.3E+08	1.5E+02	1.9E+05		3.1E-06	1.3E-09	1.1E-03	9.1E-07
AOI-45	SVOC	Acenaphthene	83-32-9		16	6	5.80E-02	9.60E-01	1.60E-02	1.70E-01	9.7E+04	6.2E+06	1.3E+05			9.9E-06	1.5E-07	7.4E-06	
AOI-45	SVOC	Acenaphthylene	208-96-8	D	16				2.10E-02	2.30E-01	2.7E+03	1.0E+06	5.2E+03						
AOI-45	SVOC	Acetophenone	98-86-2	D	16				2.20E-02	2.40E-01	5.2E+04	1.4E+07	1.1E+03	2.5E+06					
AOI-45	SVOC	Anthracene	120-12-7	D	16	6	3.00E-02	4.80E-01	1.90E-02	2.10E-01	1.6E+06	2.9E+07	7.3E+05			3.0E-07	1.7E-08	6.6E-07	
AOI-45	SVOC	Atrazine	1912-24-9	C	16				2.40E-02	2.70E-01			3.3E+02	6.5E+08					
AOI-45	SVOC	Benzaldehyde	100-52-7		16				1.60E-02	1.70E-01									
AOI-45	SVOC	Benzo(a)anthracene	56-55-3	B2	16	6	2.80E-01	4.40E+00	2.60E-02	2.80E-01			8.0E+01					5.5E-02	

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-45	SVOC	Benzo(a)pyrene	50-32-8	B2	16	6	5.10E-01	9.20E+00	1.70E-02	1.80E-01		1.9E+03	8.0E+00				4.8E-03	1.2E+00	
AOI-45	SVOC	Benzo(b)fluoranthene	205-99-2	B2	16	6	5.50E-01	1.00E+01	2.20E-02	2.40E-01			8.0E+01					1.3E-01	
AOI-45	SVOC	Benzo(g,h,i)perylene	191-24-2	D	16	6	3.70E-01	5.50E+00	1.80E-02	1.90E-01		3.5E+05	7.0E+03				1.6E-05	7.9E-04	
AOI-45	SVOC	Benzo(k)fluoranthene	207-08-9	B2	16	6	2.90E-01	4.60E+00	1.80E-02	1.90E-01			8.0E+02					5.8E-03	
AOI-45	SVOC	Biphenyl	92-52-4	D	16				2.00E-02	2.20E-01									
AOI-45	SVOC	bis(2-Chloroethoxy)methane	111-91-1	D	16				2.90E-02	3.20E-01									
AOI-45	SVOC	bis(2-Chloroethyl) ether	111-44-4	B2	16				2.00E-02	2.20E-01	1.3E+01	1.2E+04	5.8E+01	6.1E+05					
AOI-45	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	16	2	2.00E-02	4.80E-01	1.50E-02	9.80E-02		8.9E+05	1.0E+04	4.8E+12			5.4E-07	4.8E-05	1.0E-13
AOI-45	SVOC	4-Bromophenyl-phenyl ether	101-55-3	D	16				1.70E-02	1.80E-01									
AOI-45	SVOC	Butylbenzylphthalate	85-68-7	C	16				2.30E-02	2.60E-01		2.1E+07	3.1E+02						
AOI-45	SVOC	Caprolactam	105-60-2		16				3.10E-02	3.40E-01		2.9E+05	3.1E+05						
AOI-45	SVOC	Carbazole	86-74-8	B2	16	5	1.30E-01	3.20E-01	2.10E-02	2.30E-01			2.4E+03					1.3E-04	
AOI-45	SVOC	4-Chloro-3-methylphenol	59-50-7		16				2.10E-02	2.30E-01			1.5E+04						
AOI-45	SVOC	4-Chloroaniline	106-47-8		16				2.20E-02	2.40E-01									
AOI-45	SVOC	2-Chloronaphthalene	91-58-7		16				1.90E-02	2.10E-01			1.8E+05						
AOI-45	SVOC	2-Chlorophenol	95-57-8		16				2.00E-02	2.20E-01			4.5E+03						
AOI-45	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3		16				1.90E-02	2.10E-01									
AOI-45	SVOC	Chrysene	218-01-9	B2	16	7	2.10E-01	4.80E+00	2.40E-02	2.70E-01			8.0E+03					6.0E-04	
AOI-45	SVOC	Dibenz(a,h)anthracene	53-70-3	B2	16	6	1.30E-01	1.80E+00	2.00E-02	2.20E-01			8.0E+00					2.3E-01	
AOI-45	SVOC	Dibenzofuran	132-64-9	D	16	1	1.00E-01	1.00E-01	1.90E-02	2.10E-01									
AOI-45	SVOC	3,3'-Dichlorobenzidine	91-94-1	B2	16				2.00E-02	2.20E-01		8.2E+03	3.0E+01						
AOI-45	SVOC	2,4-Dichlorophenol	120-83-2		16				1.80E-02	1.90E-01		2.3E+06	1.8E+03						
AOI-45	SVOC	Diethylphthalate	84-66-2	D	16				2.10E-02	2.30E-01		1.5E+06	7.4E+02	2.4E+07					
AOI-45	SVOC	2,4-Dimethylphenol	105-67-9		16				2.00E-02	2.20E-01		2.1E+06	3.6E+04						
AOI-45	SVOC	Dimethylphthalate	131-11-3	D	16				1.90E-02	2.10E-01		1.5E+06	7.9E+02	2.3E+07					
AOI-45	SVOC	Di-n-butylphthalate	84-74-2	D	16				2.60E-02	2.80E-01		1.5E+06	7.6E+02	9.7E+10					
AOI-45	SVOC	4,6-Dinitro-2-methylphenol	534-52-1		16				5.30E-02	5.80E-01			2.6E+02						
AOI-45	SVOC	2,4-Dinitrophenol	51-28-5		16				5.20E-02	5.70E-01									
AOI-45	SVOC	2,4-Dinitrotoluene	121-14-2	B2	16				2.40E-02	2.70E-01		2.0E+04	2.2E+02						
AOI-45	SVOC	2,6-Dinitrotoluene	606-20-2	B2	16				1.70E-02	1.80E-01									
AOI-45	SVOC	Di-n-octylphthalate	117-84-0		16				7.10E-02	7.80E-01			2.0E+04						
AOI-45	SVOC	Fluoranthene	206-44-0	D	16	6	2.60E-01	3.90E+00	1.80E-02	1.90E-01	8.9E+05	4.1E+06	1.3E+05			4.4E-06	9.5E-07	3.0E-05	
AOI-45	SVOC	Fluorene	86-73-7	D	16	5	1.00E-01	2.00E-01	1.70E-02	1.80E-01	1.5E+05	4.1E+06	8.7E+04			1.3E-06	4.9E-08	2.3E-06	
AOI-45	SVOC	Hexachlorobenzene	118-74-1	B2	16				2.40E-02	2.70E-01	5.6E+01	8.5E+03	3.7E+01	5.7E+02					
AOI-45	SVOC	Hexachlorobutadiene	87-68-3	C	16				1.80E-02	1.90E-01	4.6E+02	1.8E+05	3.5E+02	8.9E+02					
AOI-45	SVOC	Hexachlorocyclopentadiene	77-47-4	E	16				1.10E-02	1.20E-01	6.0E+01	5.9E+03	7.2E+02	5.8E+03					
AOI-45	SVOC	Hexachloroethane	67-72-1	C	16				1.90E-02	2.10E-01	6.6E+02	1.0E+05	7.3E+02	7.5E+04					
AOI-45	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	16	6	3.60E-01	5.20E+00	2.10E-02	2.30E-01			8.0E+01					6.5E-02	
AOI-45	SVOC	Isophorone	78-59-1	C	16				2.40E-02	2.70E-01		8.2E+06	2.4E+03	2.0E+06					
AOI-45	SVOC	2-Methylnaphthalene	91-57-6	ID	16	5	1.00E-01	1.70E-01	1.90E-02	2.10E-01			2.6E+04					6.5E-06	
AOI-45	SVOC	Methylphenol (total)	1319-77-3		16				2.20E-02	2.40E-01		2.9E+06	3.6E+04	2.1E+07					
AOI-45	SVOC	Naphthalene	91-20-3	C	16	5	1.30E-01	2.00E-01	1.90E-02	2.10E-01	3.5E+02	8.8E+04	5.2E+04	1.4E+06		5.7E-04	2.3E-06	3.8E-06	1.4E-07
AOI-45	SVOC	2-Nitroaniline	88-74-4		16				1.40E-02	1.60E-01									
AOI-45	SVOC	3-Nitroaniline	99-09-2	C	16				2.40E-02	2.70E-01									
AOI-45	SVOC	4-Nitroaniline	100-01-6	C	16				1.90E-02	2.10E-01				7.7E+07					
AOI-45	SVOC	Nitrobenzene	98-95-3	D	16				2.70E-02	2.90E-01	6.4E+01	2.1E+04	3.4E+02	1.5E+05					
AOI-45	SVOC	2-Nitrophenol	88-75-5		16				2.30E-02	2.60E-01			2.0E+03						
AOI-45	SVOC	4-Nitrophenol	100-02-7		16				5.90E-02	6.40E-01									
AOI-45	SVOC	N-Nitrosodiphenylamine	86-30-6	B2	16				2.10E-02	2.30E-01			7.8E+03						
AOI-45	SVOC	N-Nitroso-di-n-propylamine	621-64-7	B2	16				1.70E-02	1.80E-01		2.0E+03	5.4E+00						
AOI-45	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	C	16				3.00E-02	3.30E-01									
AOI-45	SVOC	Pentachlorophenol	87-86-5	B2	16				6.70E-02	7.30E-01		1.3E+05	3.2E+02	7.8E+07					
AOI-45	SVOC	Phenanthrene	85-01-8	D	16	8	1.10E-01	1.70E+00	2.30E-02	2.60E-01	1.9E+02	2.9E+03	5.2E+03			8.9E-03	5.9E-04	3.3E-04	
AOI-45	SVOC	Phenol	108-95-2	ID	16				2.00E-02	2.20E-01		1.8E+07	1.2E+04	2.1E+07					
AOI-45	SVOC	Pyrene	129-00-0	D	16	6	2.10E-01	4.40E+00	2.30E-02	2.60E-01	7.8E+05	2.9E+06	8.4E+04			5.6E-06	1.5E-06	5.2E-05	
AOI-45	SVOC	2,4,5-Trichlorophenol	95-95-4		16				1.70E-02	1.80E-01		1.0E+07	7.3E+04						
AOI-45	SVOC	2,4,6-Trichlorophenol	88-06-2	B2	16				2.10E-02	2.30E-01		1.3E+06	3.3E+03						
AOI-45	P/PCB	PCBs (total)	1336-36-3	B2	10	1	6.93E-02	6.93E-02	2.20E-02	2.30E-02	8.1E+02	6.5E+03	1.6E+01	4.0E+05		8.6E-05	1.1E-05	4.3E-03	1.8E-07

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-45	INORG	Aluminum	7429-90-5	D	10	10	3.09E+03	8.92E+03					3.7E+05		7.4E+03			4.1E-03	
AOI-45	INORG	Antimony	7440-36-0		10	8	2.70E-01	4.90E-01	2.60E-01	2.60E-01		5.9E+03	6.7E+02		8.0E-01				
AOI-45	INORG	Arsenic	7440-38-2	A	10	10	2.00E+00	1.06E+01				9.1E+02	3.7E+01		6.8E+00		4.2E-03	1.0E-01	
AOI-45	INORG	Barium	7440-39-3	D	10	10	9.00E+00	6.61E+01				1.5E+05	1.3E+05		6.2E+01		2.7E-05	3.1E-05	
AOI-45	INORG	Beryllium	7440-41-7	B1	10	6	1.40E-01	3.70E-01	7.40E-02	7.50E-02		5.9E+02	1.6E+03		3.1E-01		9.4E-05	3.5E-05	
AOI-45	INORG	Cadmium	7440-43-9	B1	10	4	1.20E-01	2.20E-01	1.80E-02	1.90E-02		2.2E+03	2.1E+03		1.4E+00				
AOI-45	INORG	Calcium	7440-70-2		10	10	5.24E+02	5.53E+04											
AOI-45	INORG	Chromium (total)	7440-47-3		10	10	4.90E+00	1.44E+01				2.4E+02	9.2E+03		1.8E+01				
AOI-45	INORG	Cobalt	7440-48-4	B1	10	10	1.50E+00	8.10E+00				5.9E+03	9.0E+03		5.8E+00		3.9E-04	2.5E-04	
AOI-45	INORG	Copper	7440-50-8	D	10	10	2.60E+00	1.70E+01				5.9E+04	7.3E+04		5.9E+01				
AOI-45	INORG	Cyanide (total)	57-12-5	D	10	1	1.70E-01	1.70E-01	9.60E-02	1.10E-01		2.5E+02	2.5E+02				6.8E-04	6.8E-04	
AOI-45	INORG	Iron	7439-89-6	D	10	10	5.91E+03	2.01E+04					5.8E+05		1.5E+04			8.0E-03	
AOI-45	INORG	Lead	7439-92-1	B2	10	10	4.20E+00	4.80E+01				4.4E+04	9.0E+02		6.8E+01				
AOI-45	INORG	Magnesium	7439-95-4		10	10	5.82E+02	1.98E+04				2.9E+06	1.0E+06				6.8E-03	2.0E-02	
AOI-45	INORG	Manganese	7439-96-5	D	10	10	7.92E+01	4.21E+02				1.5E+03	9.0E+04		5.2E+02				
AOI-45	INORG	Mercury	7439-97-6	D	10	5	3.50E-02	9.50E-02	1.70E-02	1.90E-02	6.2E+01	8.8E+03	5.8E+02	1.3E+04	1.9E-01				
AOI-45	INORG	Nickel	7440-02-0	A	10	10	4.70E+00	2.12E+01				1.6E+04	1.5E+05		1.5E+01		3.7E-04	3.9E-05	
AOI-45	INORG	Potassium	7440-09-7		10	10	2.18E+02	1.31E+03											
AOI-45	INORG	Selenium	7782-49-2	D	10	2	4.20E-01	4.70E-01	3.40E-01	3.80E-01		5.9E+04	9.6E+03		7.0E-01				
AOI-45	INORG	Silver	7440-22-4	D	10				1.10E-01	1.20E-01		2.9E+03	9.0E+03		1.0E+00				
AOI-45	INORG	Sodium	7440-23-5		10	10	1.07E+02	2.45E+02					1.0E+06					2.5E-04	
AOI-45	INORG	Thallium	7440-28-0		10				6.30E-01	7.00E-01			1.3E+02		9.3E-01				
AOI-45	INORG	Vanadium	7440-62-2		10	10	6.70E+00	2.29E+01					5.5E+03		1.8E+01			8.4E-04	
AOI-45	INORG	Zinc	7440-66-6	D	10	10	1.70E+01	8.82E+01					6.3E+05		9.0E+01				
AOI-48	VOC	Acetone	67-64-1	ID	8	1	2.20E-01	2.20E-01	5.30E-02	2.20E-01	1.6E+05	1.7E+08	7.3E+04	1.2E+07		1.4E-06	1.3E-09	3.0E-06	1.8E-08
AOI-48	VOC	Benzene	71-43-2	A	8	3	1.20E-02	1.90E-01	7.60E-03	1.70E-02	4.5E+01	4.7E+05	4.0E+02	4.1E+02		4.2E-03	4.0E-07	4.8E-04	4.6E-04
AOI-48	VOC	Bromodichloromethane	75-27-4	B2	8				9.10E-03	3.80E-02	3.1E+01	1.1E+05	4.9E+02						
AOI-48	VOC	Bromoform	75-25-2	B2	8				1.20E-02	5.10E-02	3.1E+03	3.6E+06	8.7E+02	9.6E+03					
AOI-48	VOC	Bromomethane	74-83-9	D	8				2.70E-02	2.00E-01	1.3E+01	1.5E+05	1.0E+03	2.5E+02					
AOI-48	VOC	2-Butanone	78-93-3	ID	8				5.80E-02	2.40E-01	3.5E+04	2.9E+07	2.7E+04	3.0E+06					
AOI-48	VOC	Carbon Disulfide	75-15-0		8				5.00E-03	9.00E-02	1.6E+03	2.1E+07	2.8E+02	3.5E+02					
AOI-48	VOC	Carbon Tetrachloride	56-23-5	B2	8				1.00E-02	6.50E-02	1.2E+01	1.7E+05	3.9E+02	7.2E+02					
AOI-48	VOC	Chlorobenzene	108-90-7	D	8				6.40E-03	2.70E-02	9.2E+02	2.1E+06	2.6E+02	1.7E+05					
AOI-48	VOC	Chloroethane	75-00-3		8				3.80E-02	2.20E-01	3.6E+04	2.9E+08	9.5E+02	1.3E+05					
AOI-48	VOC	Chloroform	67-66-3	B2	8				1.00E-02	5.60E-02	1.5E+02	1.6E+06	1.5E+03	1.5E+03					
AOI-48	VOC	Chloromethane	74-87-3	D	8				1.50E-02	6.50E-02	1.2E+02	2.6E+06	1.1E+03	4.7E+03					
AOI-48	VOC	Cumene	98-82-8	D	8	3	1.70E-02	1.10E+00	8.10E-03	1.10E-02	2.0E+03	2.6E+06	3.9E+02	7.3E+03		5.5E-04	4.2E-07	2.8E-03	1.5E-04
AOI-48	VOC	Cyclohexane	110-82-7	ID	8	3	5.10E-02	3.40E-01	6.90E-03	8.70E-03									
AOI-48	VOC	1,2-Dibromo-3-chloropropane	96-12-8	B2	8				2.50E-02	2.10E-01	1.5E+01	5.9E+03	1.2E+00						
AOI-48	VOC	Dibromochloromethane	124-48-1	C	8				1.20E-02	5.10E-02	8.0E+01	1.6E+05	5.0E+02						
AOI-48	VOC	1,2-Dibromoethane	106-93-4	B2	8				8.40E-03	4.90E-02	5.8E+00	1.8E+04	4.3E-01						
AOI-48	VOC	1,2-Dichlorobenzene	95-50-1	D	8	1	4.70E-01	4.70E-01	7.60E-03	3.20E-02	4.6E+04	4.4E+07	2.1E+02	3.5E+05		1.0E-05	1.1E-08	2.2E-03	1.3E-06
AOI-48	VOC	1,3-Dichlorobenzene	541-73-1	D	8				9.20E-03	3.90E-02			1.7E+02						
AOI-48	VOC	1,4-Dichlorobenzene	106-46-7	C	8	1	8.30E-02	8.30E-02	9.50E-03	4.00E-02	2.6E+02	5.7E+05	1.9E+03	8.2E+05		3.2E-04	1.5E-07	4.4E-05	1.0E-07
AOI-48	VOC	Dichlorodifluoromethane	75-71-8		8				2.50E-02	1.10E-01	6.3E+04	1.5E+09	1.0E+03	6.7E+04					
AOI-48	VOC	1,1-Dichloroethane	75-34-3	C	8				1.20E-02	5.10E-02	2.5E+03	1.5E+07	8.9E+02	3.8E+04					
AOI-48	VOC	1,2-Dichloroethane	107-06-2	B2	8				1.10E-02	6.10E-02	2.1E+01	1.5E+05	4.2E+02	1.6E+03					
AOI-48	VOC	1,1-Dichloroethene	75-35-4	C	8				8.70E-03	4.40E-02	3.7E+00	7.8E+04	5.7E+02	7.0E+02					
AOI-48	VOC	cis-1,2-Dichloroethene	156-59-2	D	8				8.60E-03	4.10E-02	2.1E+02	1.0E+06	6.4E+02	1.1E+05					
AOI-48	VOC	trans-1,2-Dichloroethene	156-60-5		8				1.10E-02	4.70E-02	3.3E+02	2.1E+06	1.4E+03	6.1E+04					
AOI-48	VOC	1,2-Dichloropropane	78-87-5	B2	8				9.60E-03	4.40E-02	3.0E+01	1.2E+05	5.5E+02	7.3E+04					
AOI-48	VOC	1,3-Dichloropropene (total)	542-75-6	B2	8				8.50E-03	3.60E-02	6.0E+01	5.9E+05	2.4E+02	2.2E+02					
AOI-48	VOC	Ethyl Benzene	100-41-4	D	8	3	2.00E-02	1.60E-01	7.20E-03	1.40E-02	2.4E+03	1.3E+07	1.4E+02	1.5E+05		6.7E-05	1.2E-08	1.1E-03	1.0E-06
AOI-48	VOC	2-Hexanone	591-78-6		8				1.80E-02	7.70E-02	1.3E+03	1.2E+06	2.5E+03						
AOI-48	VOC	Methyl Acetate	79-20-9		8	4	3.00E-02	3.00E-01	2.70E-02	4.60E-02				2.0E+06					1.5E-07
AOI-48	VOC	Methyl tert-butyl ether	1634-04-4		8				9.10E-03	3.80E-02	3.0E+04	8.8E+07	5.9E+03						
AOI-48	VOC	4-Methyl-2-pentanone	108-10-1	ID	8				2.70E-02	1.10E-01	5.3E+04	6.0E+07	2.7E+03	1.0E+06					
AOI-48	VOC	Methylcyclohexane	108-87-2		8	5	1.80E-02	1.20E+00	9.90E-03	1.20E-02									

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-48	VOC	Methylene Chloride	75-09-2	B2	8				1.80E-02	1.10E-01	7.0E+02	8.3E+06	2.3E+03	1.5E+04					
AOI-48	VOC	Styrene	100-42-5		8				8.00E-03	4.40E-02	3.3E+03	6.9E+06	5.2E+02	4.3E+05					
AOI-48	VOC	1,1,2,2-Tetrachloroethane	79-34-5	C	8				1.10E-02	4.70E-02	3.4E+01	6.8E+04	2.4E+02	1.8E+04					
AOI-48	VOC	Tetrachloroethene	127-18-4	C-B2	8				1.20E-02	5.10E-02	6.0E+02	6.8E+06	8.8E+01	1.4E+04					
AOI-48	VOC	Toluene	108-88-3	D	8	4	3.90E-02	4.80E-01	6.20E-03	7.50E-03	3.3E+03	1.2E+07	2.5E+02	8.7E+04		1.5E-04	4.0E-08	1.9E-03	5.5E-06
AOI-48	VOC	1,2,4-Trichlorobenzene	120-82-1	D	8				1.10E-02	5.10E-02	3.4E+04	1.1E+07	1.1E+03						
AOI-48	VOC	1,1,1-Trichloroethane	71-55-6	D	8				9.90E-03	4.10E-02	4.5E+03	2.9E+07	4.6E+02	1.3E+05					
AOI-48	VOC	1,1,2-Trichloroethane	79-00-5	C	8				8.70E-03	4.10E-02	5.7E+01	2.5E+05	8.4E+02	3.0E+04					
AOI-48	VOC	Trichloroethene	79-01-6	C-B2	8	4	1.20E-02	5.70E+00	9.60E-03	1.70E-02	2.6E+02	2.3E+06	5.0E+02	3.9E+04		2.2E-02	2.5E-06	1.1E-02	1.5E-04
AOI-48	VOC	Trichlorofluoromethane	75-69-4		8				9.70E-03	4.90E-02	1.1E+05	1.7E+09	5.6E+02	1.3E+05					
AOI-48	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		8				3.20E-02	1.40E-01	2.1E+05	2.3E+09	5.5E+02	2.2E+05					
AOI-48	VOC	Vinyl Chloride	75-01-4	A	8				1.10E-02	5.10E-02	2.9E+01	8.9E+05	3.4E+01	6.1E+01					
AOI-48	VOC	Xylenes (total)	1330-20-7	ID	8	4	4.70E-02	2.10E+00	2.10E-02	2.60E-02	5.4E+04	1.3E+08	1.5E+02	1.9E+05		3.9E-05	1.6E-08	1.4E-02	1.1E-05
AOI-48	SVOC	Acenaphthene	83-32-9		8	1	1.50E-01	1.50E-01	1.60E-02	1.30E+00	9.7E+04	6.2E+06	1.3E+05			1.5E-06	2.4E-08	1.2E-06	
AOI-48	SVOC	Acenaphthylene	208-96-8	D	8				2.10E-02	1.20E+00	2.7E+03	1.0E+06	5.2E+03						
AOI-48	SVOC	Acetophenone	98-86-2	D	8				2.20E-02	1.30E+00	5.2E+04	1.4E+07	1.1E+03	2.5E+06					
AOI-48	SVOC	Anthracene	120-12-7	D	8	1	3.30E-01	3.30E-01	1.90E-02	1.30E+00	1.6E+06	2.9E+07	7.3E+05			2.1E-07	1.1E-08	4.5E-07	
AOI-48	SVOC	Atrazine	1912-24-9	C	8				2.40E-02	4.00E+00			3.3E+02	6.5E+08					
AOI-48	SVOC	Benzaldehyde	100-52-7		8				1.60E-02	4.50E+00									
AOI-48	SVOC	Benzo(a)anthracene	56-55-3	B2	8	4	4.30E-02	6.60E-01	2.50E-02	1.40E+00			8.0E+01					8.3E-03	
AOI-48	SVOC	Benzo(a)pyrene	50-32-8	B2	8	4	3.90E-02	6.50E-01	1.70E-02	1.60E+00		1.9E+03	8.0E+00				3.4E-04	8.1E-02	
AOI-48	SVOC	Benzo(b)fluoranthene	205-99-2	B2	8	4	3.90E-02	7.60E-01	2.20E-02	1.50E+00			8.0E+01					9.5E-03	
AOI-48	SVOC	Benzo(g,h,i)perylene	191-24-2	D	8	4	3.90E-02	4.20E-01	1.80E-02	1.40E+00		3.5E+05	7.0E+03				1.2E-06	6.0E-05	
AOI-48	SVOC	Benzo(k)fluoranthene	207-08-9	B2	8	2	3.90E-02	4.00E-01	1.80E-02	1.40E+00			8.0E+02					5.0E-04	
AOI-48	SVOC	Biphenyl	92-52-4	D	8				2.00E-02	3.70E+00									
AOI-48	SVOC	bis(2-Chloroethoxy)methane	111-91-1	D	8				2.90E-02	1.20E+00									
AOI-48	SVOC	bis(2-Chloroethyl) ether	111-44-4	B2	8				2.00E-02	1.30E+00	1.3E+01	1.2E+04	5.8E+01	6.1E+05					
AOI-48	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	8	1	1.30E-01	1.30E-01	1.40E-02	1.40E+00		8.9E+05	1.0E+04	4.8E+12			1.5E-07	1.3E-05	2.7E-14
AOI-48	SVOC	4-Bromophenyl-phenyl ether	101-55-3	D	8				1.70E-02	1.60E+00									
AOI-48	SVOC	Butylbenzylphthalate	85-68-7	C	8				2.30E-02	1.30E+00		2.1E+07	3.1E+02						
AOI-48	SVOC	Caprolactam	105-60-2		8				3.10E-02	4.70E+00		2.9E+05	3.1E+05						
AOI-48	SVOC	Carbazole	86-74-8	B2	8	1	1.50E-01	1.50E-01	2.10E-02	1.40E+00			2.4E+03					6.3E-05	
AOI-48	SVOC	4-Chloro-3-methylphenol	59-50-7		8				2.10E-02	1.30E+00			1.5E+04						
AOI-48	SVOC	4-Chloroaniline	106-47-8		8				2.20E-02	1.30E+00									
AOI-48	SVOC	2-Chloronaphthalene	91-58-7		8				1.90E-02	1.30E+00			1.8E+05						
AOI-48	SVOC	2-Chlorophenol	95-57-8		8				2.00E-02	1.40E+00			4.5E+03						
AOI-48	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3		8				1.90E-02	1.40E+00									
AOI-48	SVOC	Chrysene	218-01-9	B2	8	4	4.90E-02	6.70E-01	2.40E-02	1.20E+00			8.0E+03					8.4E-05	
AOI-48	SVOC	Dibenz(a,h)anthracene	53-70-3	B2	8	1	1.10E-01	1.10E-01	2.00E-02	1.30E+00			8.0E+00					1.4E-02	
AOI-48	SVOC	Dibenzofuran	132-64-9	D	8	1	8.50E-02	8.50E-02	1.90E-02	1.30E+00									
AOI-48	SVOC	3,3'-Dichlorobenzidine	91-94-1	B2	8				2.00E-02	1.00E+00		8.2E+03	3.0E+01						
AOI-48	SVOC	2,4-Dichlorophenol	120-83-2		8				1.80E-02	1.30E+00		2.3E+06	1.8E+03						
AOI-48	SVOC	Diethylphthalate	84-66-2	D	8				2.10E-02	4.00E+00		1.5E+06	7.4E+02	2.4E+07					
AOI-48	SVOC	2,4-Dimethylphenol	105-67-9		8				2.00E-02	2.10E+00		2.1E+06	3.6E+04						
AOI-48	SVOC	Dimethylphthalate	131-11-3	D	8				1.90E-02	4.20E+00		1.5E+06	7.9E+02	2.3E+07					
AOI-48	SVOC	Di-n-butylphthalate	84-74-2	D	8	2	1.40E-01	4.00E-01	2.50E-02	4.00E+00		1.5E+06	7.6E+02	9.7E+10			2.7E-07	5.3E-04	4.1E-12
AOI-48	SVOC	4,6-Dinitro-2-methylphenol	534-52-1		8				5.30E-02	4.20E+00			2.6E+02						
AOI-48	SVOC	2,4-Dinitrophenol	51-28-5		8				5.20E-02	2.90E+00									
AOI-48	SVOC	2,4-Dinitrotoluene	121-14-2	B2	8				2.40E-02	1.20E+00		2.0E+04	2.2E+02						
AOI-48	SVOC	2,6-Dinitrotoluene	606-20-2	B2	8				1.70E-02	1.30E+00									
AOI-48	SVOC	Di-n-octylphthalate	117-84-0		8				6.30E-02	1.40E+00			2.0E+04						
AOI-48	SVOC	Fluoranthene	206-44-0	D	8	4	6.20E-02	1.50E+00	1.80E-02	1.50E+00	8.9E+05	4.1E+06	1.3E+05			1.7E-06	3.7E-07	1.2E-05	
AOI-48	SVOC	Fluorene	86-73-7	D	8	1	1.50E-01	1.50E-01	1.70E-02	1.30E+00	1.5E+05	4.1E+06	8.7E+04			1.0E-06	3.7E-08	1.7E-06	
AOI-48	SVOC	Hexachlorobenzene	118-74-1	B2	8				2.40E-02	1.50E+00	5.6E+01	8.5E+03	3.7E+01	5.7E+02					
AOI-48	SVOC	Hexachlorobutadiene	87-68-3	C	8				1.80E-02	1.20E+00	4.6E+02	1.8E+05	3.5E+02	8.9E+02					
AOI-48	SVOC	Hexachlorocyclopentadiene	77-47-4	E	8				1.10E-02	1.60E+00	6.0E+01	5.9E+03	7.2E+02	5.8E+03					
AOI-48	SVOC	Hexachloroethane	67-72-1	C	8				1.90E-02	1.30E+00	6.6E+02	1.0E+05	7.3E+02	7.5E+04					
AOI-48	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	8	2	5.00E-02	3.50E-01	2.10E-02	1.80E+00			8.0E+01					4.4E-03	

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-48	SVOC	Isophorone	78-59-1	C	8				2.40E-02	1.20E+00		8.2E+06	2.4E+03	2.0E+06					
AOI-48	SVOC	2-Methylnaphthalene	91-57-6	ID	8	2	9.50E-02	6.10E+00	1.90E-02	5.60E-02			2.6E+04					2.3E-04	
AOI-48	SVOC	Methylphenol (total)	1319-77-3		8				2.20E-02	1.20E+00		2.9E+06	3.6E+04	2.1E+07					
AOI-48	SVOC	Naphthalene	91-20-3	C	8	3	6.00E-02	4.10E+00	1.90E-02	2.00E-02	3.5E+02	8.8E+04	5.2E+04	1.4E+06		1.2E-02	4.7E-05	7.9E-05	2.9E-06
AOI-48	SVOC	2-Nitroaniline	88-74-4		8				1.40E-02	1.20E+00									
AOI-48	SVOC	3-Nitroaniline	99-09-2	C	8				2.40E-02	3.70E+00									
AOI-48	SVOC	4-Nitroaniline	100-01-6	C	8				1.90E-02	1.80E+00				7.7E+07					
AOI-48	SVOC	Nitrobenzene	98-95-3	D	8				2.70E-02	1.20E+00	6.4E+01	2.1E+04	3.4E+02	1.5E+05					
AOI-48	SVOC	2-Nitrophenol	88-75-5		8				2.30E-02	1.20E+00			2.0E+03						
AOI-48	SVOC	4-Nitrophenol	100-02-7		8				5.90E-02	5.00E+00									
AOI-48	SVOC	N-Nitrosodiphenylamine	86-30-6	B2	8				2.10E-02	1.30E+00			7.8E+03						
AOI-48	SVOC	N-Nitroso-di-n-propylamine	621-64-7	B2	8				1.70E-02	1.20E+00		2.0E+03	5.4E+00						
AOI-48	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	C	8				3.00E-02	1.40E+00									
AOI-48	SVOC	Pentachlorophenol	87-86-5	B2	8				6.60E-02	3.20E+00		1.3E+05	3.2E+02	7.8E+07					
AOI-48	SVOC	Phenanthrene	85-01-8	D	8	3	5.10E-02	1.30E+00	2.30E-02	1.40E+00	1.9E+02	2.9E+03	5.2E+03			6.8E-03	4.5E-04	2.5E-04	
AOI-48	SVOC	Phenol	108-95-2	ID	8				2.00E-02	1.30E+00		1.8E+07	1.2E+04	2.1E+07					
AOI-48	SVOC	Pyrene	129-00-0	D	8	1	1.40E+00	1.40E+00	2.30E-02	1.30E+00	7.8E+05	2.9E+06	8.4E+04			1.8E-06	4.8E-07	1.7E-05	
AOI-48	SVOC	2,4,5-Trichlorophenol	95-95-4		8				1.70E-02	1.40E+00		1.0E+07	7.3E+04						
AOI-48	SVOC	2,4,6-Trichlorophenol	88-06-2	B2	8				2.10E-02	1.70E+00		1.3E+06	3.3E+03						
AOI-48	P/PCB	PCBs (total)	1336-36-3	B2	2	1	4.61E-02	4.61E-02	2.30E-02	2.30E-02	8.1E+02	6.5E+03	1.6E+01	4.0E+05		5.7E-05	7.1E-06	2.9E-03	1.2E-07
AOI-48	INORG	Aluminum	7429-90-5	D	5	5	3.27E+03	9.89E+03					3.7E+05		7.4E+03			6.8E-03	
AOI-48	INORG	Antimony	7440-36-0		5				2.50E-01	6.50E-01		5.9E+03	6.7E+02		8.0E-01				
AOI-48	INORG	Arsenic	7440-38-2	A	5	5	1.90E+00	8.10E+00				9.1E+02	3.7E+01		6.8E+00		1.4E-03	3.5E-02	
AOI-48	INORG	Barium	7440-39-3	D	5	5	1.90E+01	7.42E+01				1.5E+05	1.3E+05		6.2E+01		8.1E-05	9.4E-05	
AOI-48	INORG	Beryllium	7440-41-7	B1	5	5	2.20E-01	4.50E-01				5.9E+02	1.6E+03		3.1E-01		2.3E-04	8.5E-05	
AOI-48	INORG	Cadmium	7440-43-9	B1	5	3	1.70E-02	2.90E+00	1.80E-02	1.90E-02		2.2E+03	2.1E+03		1.4E+00		7.0E-04	7.4E-04	
AOI-48	INORG	Calcium	7440-70-2		5	5	1.39E+03	3.91E+04											
AOI-48	INORG	Chromium (total)	7440-47-3		5	5	3.60E+00	1.75E+01				2.4E+02	9.2E+03		1.8E+01				
AOI-48	INORG	Cobalt	7440-48-4	B1	5	5	1.60E+00	6.60E+00				5.9E+03	9.0E+03		5.8E+00		1.3E-04	8.6E-05	
AOI-48	INORG	Copper	7440-50-8	D	5	5	2.80E+00	1.00E+02				5.9E+04	7.3E+04		5.9E+01		6.9E-04	5.6E-04	
AOI-48	INORG	Cyanide (total)	57-12-5	D	5				9.50E-02	2.20E-01		2.5E+02	2.5E+02						
AOI-48	INORG	Iron	7439-89-6	D	5	2	1.36E+04	2.02E+04	3.90E+00	4.30E+00			5.8E+05		1.5E+04			8.2E-03	
AOI-48	INORG	Lead	7439-92-1	B2	5	5	6.80E+00	3.77E+01				4.4E+04	9.0E+02		6.8E+01				
AOI-48	INORG	Magnesium	7439-95-4		5	5	4.56E+02	1.64E+04				2.9E+06	1.0E+06				5.7E-03	1.6E-02	
AOI-48	INORG	Manganese	7439-96-5	D	5	5	7.20E+01	5.74E+02				1.5E+03	9.0E+04		5.2E+02		3.5E-02	5.9E-04	
AOI-48	INORG	Mercury	7439-97-6	D	5	3	1.90E-02	3.80E-01	1.80E-02	1.90E-02	6.2E+01	8.8E+03	5.8E+02	1.3E+04	1.9E-01	3.0E-03	2.1E-05	3.3E-04	1.5E-05
AOI-48	INORG	Nickel	7440-02-0	A	5	5	3.50E+00	1.97E+01				1.6E+04	1.5E+05		1.5E+01		2.7E-04	2.9E-05	
AOI-48	INORG	Potassium	7440-09-7		5	5	2.86E+02	1.03E+03											
AOI-48	INORG	Selenium	7782-49-2	D	5	1	4.30E-01	4.30E-01	3.40E-01	4.10E-01		5.9E+04	9.6E+03		7.0E-01				
AOI-48	INORG	Silver	7440-22-4	D	5				1.10E-01	2.00E-01		2.9E+03	9.0E+03		1.0E+00				
AOI-48	INORG	Sodium	7440-23-5		5	4	6.02E+01	2.15E+02	6.59E+01	6.59E+01			1.0E+06					2.2E-04	
AOI-48	INORG	Thallium	7440-28-0		5				5.90E-01	6.90E-01			1.3E+02		9.3E-01				
AOI-48	INORG	Vanadium	7440-62-2		5	5	6.00E+00	2.25E+01					5.5E+03		1.8E+01			7.6E-04	
AOI-48	INORG	Zinc	7440-66-6	D	5	5	1.16E+01	1.88E+03					6.3E+05		9.0E+01			2.8E-03	
OI-48 (NW	VOC	Acetone	67-64-1	ID	41	2	7.10E-01	7.70E-01	5.50E-02	3.80E-01	1.6E+05	1.7E+08	7.3E+04	1.2E+07		4.8E-06	4.5E-09	1.1E-05	6.2E-08
OI-48 (NW	VOC	Acrolein	107-02-8	ID	21				1.40E-01	1.90E-01	3.7E-01	5.9E+02	1.2E+04	5.6E+02					
OI-48 (NW	VOC	Acrylonitrile	107-13-1	B1	21				1.40E+00	1.90E+00	1.7E+01	5.8E+04	7.4E+01	1.2E+04					
OI-48 (NW	VOC	Benzene	71-43-2	A	41				7.90E-03	4.40E-02	4.5E+01	4.7E+05	4.0E+02	4.1E+02					
OI-48 (NW	VOC	Bromobenzene	108-86-1		21				6.70E-02	8.80E-02	5.4E+02	2.4E+05	7.6E+02						
OI-48 (NW	VOC	Bromochloromethane	74-97-5		21				6.70E-02	8.80E-02									
OI-48 (NW	VOC	Bromodichloromethane	75-27-4	B2	41				9.40E-03	8.80E-02	3.1E+01	1.1E+05	4.9E+02						
OI-48 (NW	VOC	Bromoform	75-25-2	B2	41				1.30E-02	8.80E-02	3.1E+03	3.6E+06	8.7E+02	9.6E+03					
OI-48 (NW	VOC	Bromomethane	74-83-9	D	41				2.50E-02	1.90E-01	1.3E+01	1.5E+05	1.0E+03	2.5E+02					
OI-48 (NW	VOC	2-Butanone	78-93-3	ID	41				5.90E-02	3.80E-01	3.5E+04	2.9E+07	2.7E+04	3.0E+06					
OI-48 (NW	VOC	n-Butylbenzene	104-51-8		21				3.30E-02	4.40E-02			8.0E+03						
OI-48 (NW	VOC	sec-Butylbenzene	135-98-8		21				3.30E-02	4.40E-02			8.0E+03						
OI-48 (NW	VOC	tert-Butylbenzene	98-06-6		21				3.30E-02	4.40E-02			8.0E+03						
OI-48 (NW	VOC	Carbon Disulfide	75-15-0		41				5.10E-03	1.90E-01	1.6E+03	2.1E+07	2.8E+02	3.5E+02					

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
OI-48 (NW	VOC	Carbon Tetrachloride	56-23-5	B2	41				9.70E-03	4.40E-02	1.2E+01	1.7E+05	3.9E+02	7.2E+02					
OI-48 (NW	VOC	3-Chloro-1-propene	107-05-1		21				1.40E-01	1.90E-01				1.5E+02					
OI-48 (NW	VOC	Chlorobenzene	108-90-7	D	41				6.60E-03	4.40E-02	9.2E+02	2.1E+06	2.6E+02	1.7E+05					
OI-48 (NW	VOC	Chloroethane	75-00-3		41				3.60E-02	1.90E-01	3.6E+04	2.9E+08	9.5E+02	1.3E+05					
OI-48 (NW	VOC	2-Chloroethylvinyl ether	110-75-8		21				2.40E+00	3.20E+00									
OI-48 (NW	VOC	Chloroform	67-66-3	B2	41				9.70E-03	4.40E-02	1.5E+02	1.6E+06	1.5E+03	1.5E+03					
OI-48 (NW	VOC	Chloromethane	74-87-3	D	41				1.50E-02	1.90E-01	1.2E+02	2.6E+06	1.1E+03	4.7E+03					
OI-48 (NW	VOC	2-Chlorotoluene	95-49-8		21				3.30E-02	4.40E-02	1.5E+03	2.1E+06	5.0E+02						
OI-48 (NW	VOC	4-Chlorotoluene	106-43-4		21				3.30E-02	4.40E-02									
OI-48 (NW	VOC	Cumene	98-82-8	D	41				7.70E-03	1.90E-01	2.0E+03	2.6E+06	3.9E+02	7.3E+03					
OI-48 (NW	VOC	Cyclohexane	110-82-7	ID	20	1	1.00E-02	1.00E-02	7.10E-03	1.40E-02									
OI-48 (NW	VOC	p-Cymene	99-87-6		21				3.30E-02	4.40E-02									
OI-48 (NW	VOC	1,2-Dibromo-3-chloropropane	96-12-8	B2	41				2.60E-02	1.90E-01	1.5E+01	5.9E+03	1.2E+00						
OI-48 (NW	VOC	Dibromochloromethane	124-48-1	C	41				1.30E-02	8.80E-02	8.0E+01	1.6E+05	5.0E+02						
OI-48 (NW	VOC	1,2-Dibromoethane	106-93-4	B2	41				8.70E-03	1.90E-01	5.8E+00	1.8E+04	4.3E-01						
OI-48 (NW	VOC	Dibromomethane	74-95-3		21				1.40E-01	1.90E-01			2.0E+03						
OI-48 (NW	VOC	trans-1,4-Dichloro-2-butene	110-57-6		21				3.30E-02	4.40E-02									
OI-48 (NW	VOC	1,2-Dichlorobenzene	95-50-1	D	41				7.90E-03	8.80E-02	4.6E+04	4.4E+07	2.1E+02	3.5E+05					
OI-48 (NW	VOC	1,3-Dichlorobenzene	541-73-1	D	41				9.20E-03	8.80E-02			1.7E+02						
OI-48 (NW	VOC	1,4-Dichlorobenzene	106-46-7	C	41	1	2.80E-02	2.80E-02	9.80E-03	8.80E-02	2.6E+02	5.7E+05	1.9E+03	8.2E+05		1.1E-04	4.9E-08	1.5E-05	3.4E-08
OI-48 (NW	VOC	Dichlorodifluoromethane	75-71-8		41				2.60E-02	8.80E-02	6.3E+04	1.5E+09	1.0E+03	6.7E+04					
OI-48 (NW	VOC	1,1-Dichloroethane	75-34-3	C	41				1.30E-02	4.40E-02	2.5E+03	1.5E+07	8.9E+02	3.8E+04					
OI-48 (NW	VOC	1,2-Dichloroethane	107-06-2	B2	41				1.10E-02	4.40E-02	2.1E+01	1.5E+05	4.2E+02	1.6E+03					
OI-48 (NW	VOC	1,1-Dichloroethene	75-35-4	C	41				9.00E-03	4.40E-02	3.7E+00	7.8E+04	5.7E+02	7.0E+02					
OI-48 (NW	VOC	cis-1,2-Dichloroethene	156-59-2	D	41				8.90E-03	4.40E-02	2.1E+02	1.0E+06	6.4E+02	1.1E+05					
OI-48 (NW	VOC	trans-1,2-Dichloroethene	156-60-5		41				1.10E-02	4.40E-02	3.3E+02	2.1E+06	1.4E+03	6.1E+04					
OI-48 (NW	VOC	1,2-Dichloropropane	78-87-5	B2	41				9.10E-03	4.40E-02	3.0E+01	1.2E+05	5.5E+02	7.3E+04					
OI-48 (NW	VOC	1,3-Dichloropropane	142-28-9		21				3.30E-02	4.40E-02									
OI-48 (NW	VOC	2,2-Dichloropropane	594-20-7		21				3.30E-02	4.40E-02									
OI-48 (NW	VOC	1,1-Dichloropropene	563-58-6		21				3.30E-02	4.40E-02									
OI-48 (NW	VOC	1,3-Dichloropropene (total)	542-75-6	B2	41				8.80E-03	4.40E-02	6.0E+01	5.9E+05	2.4E+02	2.2E+02					
OI-48 (NW	VOC	Ethyl Benzene	100-41-4	D	41				7.40E-03	4.40E-02	2.4E+03	1.3E+07	1.4E+02	1.5E+05					
OI-48 (NW	VOC	2-Hexanone	591-78-6		41				1.80E-02	8.80E-02	1.3E+03	1.2E+06	2.5E+03						
OI-48 (NW	VOC	Iodomethane	74-88-4		21				6.70E-02	8.80E-02									
OI-48 (NW	VOC	Methyl Acetate	79-20-9		20	5	9.30E-02	4.70E-01	2.70E-02	7.30E-02				2.0E+06					2.3E-07
OI-48 (NW	VOC	Methyl tert-butyl ether	1634-04-4		41				9.40E-03	1.90E-01	3.0E+04	8.8E+07	5.9E+03						
OI-48 (NW	VOC	4-Methyl-2-pentanone	108-10-1	ID	41				2.70E-02	1.90E+00	5.3E+04	6.0E+07	2.7E+03	1.0E+06					
OI-48 (NW	VOC	Methylcyclohexane	108-87-2		20	1	2.80E-02	2.80E-02	1.00E-02	2.60E-02									
OI-48 (NW	VOC	Methylene Chloride	75-09-2	B2	41	3	4.50E-02	8.20E-02	1.80E-02	1.90E-01	7.0E+02	8.3E+06	2.3E+03	1.5E+04		1.2E-04	9.9E-09	3.6E-05	5.7E-06
OI-48 (NW	VOC	Diisopropyl ether	108-20-3		21				1.40E+00	1.90E+00	3.2E+03	1.1E+07	1.3E+00						
OI-48 (NW	VOC	n-Propylbenzene	103-65-1		21				6.70E-02	8.80E-02		5.9E+05	8.0E+03						
OI-48 (NW	VOC	Styrene	100-42-5		41				8.20E-03	4.40E-02	3.3E+03	6.9E+06	5.2E+02	4.3E+05					
OI-48 (NW	VOC	1,1,1,2-Tetrachloroethane	630-20-6		21				6.70E-02	8.80E-02	1.2E+02	5.3E+05	4.4E+02						
OI-48 (NW	VOC	1,1,2,2-Tetrachloroethane	79-34-5	C	41				1.10E-02	8.80E-02	3.4E+01	6.8E+04	2.4E+02	1.8E+04					
OI-48 (NW	VOC	Tetrachloroethene	127-18-4	C-B2	41				1.30E-02	4.40E-02	6.0E+02	6.8E+06	8.8E+01	1.4E+04					
OI-48 (NW	VOC	Tetrahydrofuran	109-99-9		21				4.80E-01	6.30E-01	1.5E+04	1.7E+08	9.5E+03	7.0E+05					
OI-48 (NW	VOC	Toluene	108-88-3	D	41	4	1.10E-02	2.60E-02	6.40E-03	8.80E-02	3.3E+03	1.2E+07	2.5E+02	8.7E+04		7.9E-06	2.2E-09	1.0E-04	3.0E-07
OI-48 (NW	VOC	1,2,3-Trichlorobenzene	87-61-6		21				1.40E-01	1.90E-01									
OI-48 (NW	VOC	1,2,4-Trichlorobenzene	120-82-1	D	41				1.10E-02	1.90E-01	3.4E+04	1.1E+07	1.1E+03						
OI-48 (NW	VOC	1,1,1-Trichloroethane	71-55-6	D	41				9.60E-03	4.40E-02	4.5E+03	2.9E+07	4.6E+02	1.3E+05					
OI-48 (NW	VOC	1,1,2-Trichloroethane	79-00-5	C	41				9.00E-03	4.40E-02	5.7E+01	2.5E+05	8.4E+02	3.0E+04					
OI-48 (NW	VOC	Trichloroethene	79-01-6	C-B2	41	4	1.40E-01	2.20E+00	9.90E-03	4.40E-02	2.6E+02	2.3E+06	5.0E+02	3.9E+04		8.5E-03	9.6E-07	4.4E-03	5.7E-05
OI-48 (NW	VOC	Trichlorofluoromethane	75-69-4		41				1.00E-02	8.80E-02	1.1E+05	1.7E+09	5.6E+02	1.3E+05					
OI-48 (NW	VOC	1,2,3-Trichloropropane	96-18-4	B2	21				6.70E-02	8.80E-02			8.3E+02	2.0E+05					
OI-48 (NW	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		20				3.30E-02	6.20E-02	2.1E+05	2.3E+09	5.5E+02	2.2E+05					
OI-48 (NW	VOC	1,2,4-Trimethylbenzene	95-63-6		21				6.70E-02	8.80E-02	2.5E+04	3.6E+07	1.1E+02						
OI-48 (NW	VOC	1,3,5-Trimethylbenzene	108-67-8		21				6.70E-02	8.80E-02	1.9E+04	3.6E+07	9.4E+01	1.9E+05					
OI-48 (NW	VOC	Vinyl Acetate	108-05-4		21				1.40E+00	1.90E+00	2.0E+03	5.9E+06	2.4E+03	1.8E+04					

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
OI-48 (NW	VOC	Vinyl Chloride	75-01-4	A	41				1.10E-02	8.80E-02	2.9E+01	8.9E+05	3.4E+01	6.1E+01					
OI-48 (NW	VOC	Xylenes (total)	1330-20-7	ID	41	1	2.90E-02	2.90E-02	1.80E-02	8.80E-02	5.4E+04	1.3E+08	1.5E+02	1.9E+05		5.4E-07	2.2E-10	1.9E-04	1.6E-07
OI-48 (NW	SVOC	Acenaphthene	83-32-9		14				5.40E-02	6.80E-02	9.7E+04	6.2E+06	1.3E+05						
OI-48 (NW	SVOC	Acenaphthylene	208-96-8	D	14				5.00E-02	6.20E-02	2.7E+03	1.0E+06	5.2E+03						
OI-48 (NW	SVOC	Acetophenone	98-86-2	D	14				5.30E-02	6.60E-02	5.2E+04	1.4E+07	1.1E+03	2.5E+06					
OI-48 (NW	SVOC	Anthracene	120-12-7	D	14				5.20E-02	6.50E-02	1.6E+06	2.9E+07	7.3E+05						
OI-48 (NW	SVOC	Atrazine	1912-24-9	C	14				1.60E-01	2.00E-01			3.3E+02	6.5E+08					
OI-48 (NW	SVOC	Benzaldehyde	100-52-7		14				1.80E-01	2.30E-01									
OI-48 (NW	SVOC	Benzo(a)anthracene	56-55-3	B2	14	1	2.40E-01	2.40E-01	5.80E-02	7.30E-02			8.0E+01					3.0E-03	
OI-48 (NW	SVOC	Benzo(a)pyrene	50-32-8	B2	14	1	2.80E-01	2.80E-01	6.30E-02	8.00E-02		1.9E+03	8.0E+00				1.5E-04	3.5E-02	
OI-48 (NW	SVOC	Benzo(b)fluoranthene	205-99-2	B2	14	1	3.70E-01	3.70E-01	6.10E-02	7.70E-02			8.0E+01					4.6E-03	
OI-48 (NW	SVOC	Benzo(g,h,i)perylene	191-24-2	D	14	1	1.90E-01	1.90E-01	5.80E-02	7.30E-02		3.5E+05	7.0E+03				5.4E-07	2.7E-05	
OI-48 (NW	SVOC	Benzo(k)fluoranthene	207-08-9	B2	14	1	1.60E-01	1.60E-01	5.60E-02	7.00E-02			8.0E+02					2.0E-04	
OI-48 (NW	SVOC	Biphenyl	92-52-4	D	14				1.50E-01	1.90E-01									
OI-48 (NW	SVOC	bis(2-Chloroethoxy)methane	111-91-1	D	14				5.00E-02	6.20E-02									
OI-48 (NW	SVOC	bis(2-Chloroethyl) ether	111-44-4	B2	14				5.40E-02	6.80E-02	1.3E+01	1.2E+04	5.8E+01	6.1E+05					
OI-48 (NW	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	14				5.70E-02	7.20E-02		8.9E+05	1.0E+04	4.8E+12					
OI-48 (NW	SVOC	4-Bromophenyl-phenyl ether	101-55-3	D	14				6.40E-02	8.10E-02									
OI-48 (NW	SVOC	Butylbenzylphthalate	85-68-7	C	14	1	7.00E-02	7.00E-02	5.40E-02	6.80E-02		2.1E+07	3.1E+02				3.3E-09	2.3E-04	
OI-48 (NW	SVOC	Caprolactam	105-60-2		14				1.90E-01	2.40E-01		2.9E+05	3.1E+05						
OI-48 (NW	SVOC	Carbazole	86-74-8	B2	14				5.50E-02	6.90E-02			2.4E+03						
OI-48 (NW	SVOC	4-Chloro-3-methylphenol	59-50-7		14				5.40E-02	6.80E-02			1.5E+04						
OI-48 (NW	SVOC	4-Chloroaniline	106-47-8		14				5.40E-02	6.80E-02									
OI-48 (NW	SVOC	2-Chloronaphthalene	91-58-7		14				5.10E-02	6.40E-02			1.8E+05						
OI-48 (NW	SVOC	2-Chlorophenol	95-57-8		14				5.50E-02	6.90E-02			4.5E+03						
OI-48 (NW	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3		14				5.50E-02	6.90E-02									
OI-48 (NW	SVOC	Chrysene	218-01-9	B2	14	4	5.40E-02	3.10E-01	4.90E-02	6.10E-02			8.0E+03					3.9E-05	
OI-48 (NW	SVOC	Dibenz(a,h)anthracene	53-70-3	B2	14				5.40E-02	6.80E-02			8.0E+00						
OI-48 (NW	SVOC	Dibenzofuran	132-64-9	D	14				5.30E-02	6.60E-02									
OI-48 (NW	SVOC	3,3'-Dichlorobenzidine	91-94-1	B2	14				4.10E-02	5.20E-02		8.2E+03	3.0E+01						
OI-48 (NW	SVOC	2,4-Dichlorophenol	120-83-2		14				5.30E-02	6.60E-02		2.3E+06	1.8E+03						
OI-48 (NW	SVOC	Diethylphthalate	84-66-2	D	14				1.60E-01	2.00E-01		1.5E+06	7.4E+02	2.4E+07					
OI-48 (NW	SVOC	2,4-Dimethylphenol	105-67-9		14				8.40E-02	1.10E-01		2.1E+06	3.6E+04						
OI-48 (NW	SVOC	Dimethylphthalate	131-11-3	D	14				1.70E-01	2.10E-01		1.5E+06	7.9E+02	2.3E+07					
OI-48 (NW	SVOC	Di-n-butylphthalate	84-74-2	D	14				1.60E-01	2.00E-01		1.5E+06	7.6E+02	9.7E+10					
OI-48 (NW	SVOC	4,6-Dinitro-2-methylphenol	534-52-1		14				1.70E-01	2.10E-01			2.6E+02						
OI-48 (NW	SVOC	2,4-Dinitrophenol	51-28-5		14				1.20E-01	1.50E-01									
OI-48 (NW	SVOC	2,4-Dinitrotoluene	121-14-2	B2	14				4.90E-02	6.10E-02		2.0E+04	2.2E+02						
OI-48 (NW	SVOC	2,6-Dinitrotoluene	606-20-2	B2	14				5.10E-02	6.40E-02									
OI-48 (NW	SVOC	Di-n-octylphthalate	117-84-0		14				5.70E-02	7.20E-02			2.0E+04						
OI-48 (NW	SVOC	Fluoranthene	206-44-0	D	14	4	9.40E-02	5.00E-01	5.90E-02	7.40E-02	8.9E+05	4.1E+06	1.3E+05			5.6E-07	1.2E-07	3.8E-06	
OI-48 (NW	SVOC	Fluorene	86-73-7	D	14				5.10E-02	6.40E-02	1.5E+05	4.1E+06	8.7E+04						
OI-48 (NW	SVOC	Hexachlorobenzene	118-74-1	B2	14				5.90E-02	7.40E-02	5.6E+01	8.5E+03	3.7E+01	5.7E+02					
OI-48 (NW	SVOC	Hexachlorobutadiene	87-68-3	C	35				4.70E-02	1.90E-01	4.6E+02	1.8E+05	3.5E+02	8.9E+02					
OI-48 (NW	SVOC	Hexachlorocyclopentadiene	77-47-4	E	14				6.30E-02	8.00E-02	6.0E+01	5.9E+03	7.2E+02	5.8E+03					
OI-48 (NW	SVOC	Hexachloroethane	67-72-1	C	35				5.10E-02	1.90E-01	6.6E+02	1.0E+05	7.3E+02	7.5E+04					
OI-48 (NW	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	14	1	1.70E-01	1.70E-01	7.40E-02	9.30E-02			8.0E+01					2.1E-03	
OI-48 (NW	SVOC	Isophorone	78-59-1	C	14				4.60E-02	5.80E-02		8.2E+06	2.4E+03	2.0E+06					
OI-48 (NW	SVOC	2-Methylnaphthalene	91-57-6	ID	35				5.10E-02	1.90E-01			2.6E+04						
OI-48 (NW	SVOC	Methylphenol (total)	1319-77-3		14				5.00E-02	6.20E-02		2.9E+06	3.6E+04	2.1E+07					
OI-48 (NW	SVOC	Naphthalene	91-20-3	C	35				5.20E-02	1.90E-01	3.5E+02	8.8E+04	5.2E+04	1.4E+06					
OI-48 (NW	SVOC	2-Nitroaniline	88-74-4		14				4.90E-02	6.10E-02									
OI-48 (NW	SVOC	3-Nitroaniline	99-09-2	C	14				1.50E-01	1.90E-01									
OI-48 (NW	SVOC	4-Nitroaniline	100-01-6	C	14				7.20E-02	9.00E-02				7.7E+07					
OI-48 (NW	SVOC	Nitrobenzene	98-95-3	D	14				4.90E-02	6.10E-02	6.4E+01	2.1E+04	3.4E+02	1.5E+05					
OI-48 (NW	SVOC	2-Nitrophenol	88-75-5		14				4.90E-02	6.10E-02			2.0E+03						
OI-48 (NW	SVOC	4-Nitrophenol	100-02-7		14				2.00E-01	2.50E-01									
OI-48 (NW	SVOC	N-Nitrosodiphenylamine	86-30-6	B2	14				5.20E-02	6.50E-02			7.8E+03						

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
OI-48 (NW	SVOC	N-Nitroso-di-n-propylamine	621-64-7	B2	14				4.60E-02	5.80E-02		2.0E+03	5.4E+00						
OI-48 (NW	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	C	14				5.50E-02	6.90E-02									
OI-48 (NW	SVOC	Pentachlorophenol	87-86-5	B2	14				1.30E-01	1.60E-01		1.3E+05	3.2E+02	7.8E+07					
OI-48 (NW	SVOC	Phenanthrene	85-01-8	D	14	2	6.70E-02	2.10E-01	5.50E-02	6.90E-02	1.9E+02	2.9E+03	5.2E+03			1.1E-03	7.2E-05	4.0E-05	
OI-48 (NW	SVOC	Phenol	108-95-2	ID	14				5.20E-02	6.50E-02		1.8E+07	1.2E+04	2.1E+07					
OI-48 (NW	SVOC	Pyrene	129-00-0	D	14	4	7.10E-02	4.00E-01	5.40E-02	6.80E-02	7.8E+05	2.9E+06	8.4E+04			5.1E-07	1.4E-07	4.8E-06	
OI-48 (NW	SVOC	2,4,5-Trichlorophenol	95-95-4		14				5.80E-02	7.30E-02		1.0E+07	7.3E+04						
OI-48 (NW	SVOC	2,4,6-Trichlorophenol	88-06-2	B2	14				6.60E-02	8.40E-02		1.3E+06	3.3E+03						
OI-48 (NW	P/PCB	PCBs (total)	1336-36-3	B2	14	4	3.67E-02	4.13E-01	2.10E-02	2.70E-02	8.1E+02	6.5E+03	1.6E+01	4.0E+05		5.1E-04	6.3E-05	2.6E-02	1.0E-06
OI-48 (NW	INORG	Aluminum	7429-90-5	D	14	14	1.10E+03	1.27E+04					3.7E+05		7.4E+03			1.4E-02	
OI-48 (NW	INORG	Antimony	7440-36-0		14	7	2.60E-01	8.20E-01	3.10E-01	6.00E-01		5.9E+03	6.7E+02		8.0E-01		2.9E-06	2.6E-05	
OI-48 (NW	INORG	Arsenic	7440-38-2	A	14	14	1.40E+00	8.70E+00				9.1E+02	3.7E+01		6.8E+00		2.1E-03	5.1E-02	
OI-48 (NW	INORG	Barium	7440-39-3	D	14	14	4.10E+00	9.49E+01				1.5E+05	1.3E+05		6.2E+01		2.2E-04	2.5E-04	
OI-48 (NW	INORG	Beryllium	7440-41-7	B1	14	8	6.90E-02	6.00E-01	4.90E-02	9.00E-02		5.9E+02	1.6E+03		3.1E-01		4.8E-04	1.8E-04	
OI-48 (NW	INORG	Cadmium	7440-43-9	B1	14	7	5.50E-02	4.20E-01	4.50E-02	5.50E-02		2.2E+03	2.1E+03		1.4E+00				
OI-48 (NW	INORG	Calcium	7440-70-2		14	14	4.04E+02	4.93E+04											
OI-48 (NW	INORG	Chromium (total)	7440-47-3		14	14	3.30E+00	2.31E+01				2.4E+02	9.2E+03		1.8E+01		2.2E-02	5.7E-04	
OI-48 (NW	INORG	Cobalt	7440-48-4	B1	14	14	1.30E+00	1.02E+01				5.9E+03	9.0E+03		5.8E+00		7.4E-04	4.9E-04	
OI-48 (NW	INORG	Copper	7440-50-8	D	14	14	2.80E+00	3.30E+01				5.9E+04	7.3E+04		5.9E+01				
OI-48 (NW	INORG	Cyanide (total)	57-12-5	D	14				9.50E-02	2.20E-01		2.5E+02	2.5E+02						
OI-48 (NW	INORG	Iron	7439-89-6	D	14	14	3.90E+03	2.38E+04					5.8E+05		1.5E+04			1.4E-02	
OI-48 (NW	INORG	Lead	7439-92-1	B2	14	14	2.20E+00	1.22E+02				4.4E+04	9.0E+02		6.8E+01		1.2E-03	6.0E-02	
OI-48 (NW	INORG	Magnesium	7439-95-4		14	14	5.61E+02	1.99E+04				2.9E+06	1.0E+06				6.9E-03	2.0E-02	
OI-48 (NW	INORG	Manganese	7439-96-5	D	14	14	6.80E+01	8.84E+02				1.5E+03	9.0E+04		5.2E+02		2.4E-01	4.0E-03	
OI-48 (NW	INORG	Mercury	7439-97-6	D	14	9	1.20E-02	1.10E-01	8.90E-03	2.10E-02	6.2E+01	8.8E+03	5.8E+02	1.3E+04	1.9E-01				
OI-48 (NW	INORG	Nickel	7440-02-0	A	14	14	3.20E+00	2.74E+01				1.6E+04	1.5E+05		1.5E+01		7.5E-04	8.1E-05	
OI-48 (NW	INORG	Potassium	7440-09-7		14	14	1.78E+02	2.11E+03											
OI-48 (NW	INORG	Selenium	7782-49-2	D	14	1	3.80E-01	3.80E-01	3.30E-01	4.10E-01		5.9E+04	9.6E+03		7.0E-01				
OI-48 (NW	INORG	Silver	7440-22-4	D	14	1	3.20E-01	3.20E-01	1.30E-01	1.90E-01		2.9E+03	9.0E+03		1.0E+00				
OI-48 (NW	INORG	Sodium	7440-23-5		14	9	5.27E+01	2.68E+02	5.55E+01	6.17E+01			1.0E+06					2.7E-04	
OI-48 (NW	INORG	Thallium	7440-28-0		14	11	6.40E-01	1.50E+00	6.00E-01	6.20E-01			1.3E+02		9.3E-01			4.4E-03	
OI-48 (NW	INORG	Vanadium	7440-62-2		14	14	5.00E+00	3.33E+01					5.5E+03		1.8E+01			2.7E-03	
OI-48 (NW	INORG	Zinc	7440-66-6	D	14	14	1.27E+01	1.25E+02					6.3E+05		9.0E+01			5.6E-05	
OI-48 (SE	VOC	Acetone	67-64-1	ID	16				5.80E-02	3.60E-01	1.6E+05	1.7E+08	7.3E+04	1.2E+07					
OI-48 (SE	VOC	Acrolein	107-02-8	ID	14				1.50E-01	1.80E-01	3.7E-01	5.9E+02	1.2E+04	5.6E+02					
OI-48 (SE	VOC	Acrylonitrile	107-13-1	B1	14				1.50E+00	1.80E+00	1.7E+01	5.8E+04	7.4E+01	1.2E+04					
OI-48 (SE	VOC	Benzene	71-43-2	A	16				8.30E-03	4.20E-02	4.5E+01	4.7E+05	4.0E+02	4.1E+02					
OI-48 (SE	VOC	Bromobenzene	108-86-1		14				7.20E-02	8.50E-02	5.4E+02	2.4E+05	7.6E+02						
OI-48 (SE	VOC	Bromochloromethane	74-97-5		14				7.20E-02	8.50E-02									
OI-48 (SE	VOC	Bromodichloromethane	75-27-4	B2	16				9.90E-03	8.50E-02	3.1E+01	1.1E+05	4.9E+02						
OI-48 (SE	VOC	Bromoform	75-25-2	B2	16				1.30E-02	8.50E-02	3.1E+03	3.6E+06	8.7E+02	9.6E+03					
OI-48 (SE	VOC	Bromomethane	74-83-9	D	16				5.10E-02	1.80E-01	1.3E+01	1.5E+05	1.0E+03	2.5E+02					
OI-48 (SE	VOC	2-Butanone	78-93-3	ID	16				6.30E-02	3.60E-01	3.5E+04	2.9E+07	2.7E+04	3.0E+06					
OI-48 (SE	VOC	n-Butylbenzene	104-51-8		14				3.60E-02	4.20E-02			8.0E+03						
OI-48 (SE	VOC	sec-Butylbenzene	135-98-8		14				3.60E-02	4.20E-02			8.0E+03						
OI-48 (SE	VOC	tert-Butylbenzene	98-06-6		14				3.60E-02	4.20E-02			8.0E+03						
OI-48 (SE	VOC	Carbon Disulfide	75-15-0		16				5.40E-03	1.80E-01	1.6E+03	2.1E+07	2.8E+02	3.5E+02					
OI-48 (SE	VOC	Carbon Tetrachloride	56-23-5	B2	16				1.70E-02	4.20E-02	1.2E+01	1.7E+05	3.9E+02	7.2E+02					
OI-48 (SE	VOC	3-Chloro-1-propene	107-05-1		14				1.50E-01	1.80E-01				1.5E+02					
OI-48 (SE	VOC	Chlorobenzene	108-90-7	D	16				7.00E-03	4.20E-02	9.2E+02	2.1E+06	2.6E+02	1.7E+05					
OI-48 (SE	VOC	Chloroethane	75-00-3		16				5.70E-02	1.80E-01	3.6E+04	2.9E+08	9.5E+02	1.3E+05					
OI-48 (SE	VOC	2-Chloroethylvinyl ether	110-75-8		14				2.60E+00	3.00E+00									
OI-48 (SE	VOC	Chloroform	67-66-3	B2	16				1.50E-02	4.20E-02	1.5E+02	1.6E+06	1.5E+03	1.5E+03					
OI-48 (SE	VOC	Chloromethane	74-87-3	D	16				1.70E-02	1.80E-01	1.2E+02	2.6E+06	1.1E+03	4.7E+03					
OI-48 (SE	VOC	2-Chlorotoluene	95-49-8		14				3.60E-02	4.20E-02	1.5E+03	2.1E+06	5.0E+02						
OI-48 (SE	VOC	4-Chlorotoluene	106-43-4		14				3.60E-02	4.20E-02									
OI-48 (SE	VOC	Cumene	98-82-8	D	16				1.00E-02	1.80E-01	2.0E+03	2.6E+06	3.9E+02	7.3E+03					
OI-48 (SE	VOC	Cyclohexane	110-82-7	ID	2				7.50E-03	8.00E-03									

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
OI-48 (SE	VOC	p-Cymene	99-87-6		14				3.60E-02	4.20E-02									
OI-48 (SE	VOC	1,2-Dibromo-3-chloropropane	96-12-8	B2	16				2.80E-02	1.80E-01	1.5E+01	5.9E+03	1.2E+00						
OI-48 (SE	VOC	Dibromochloromethane	124-48-1	C	16				1.30E-02	8.50E-02	8.0E+01	1.6E+05	5.0E+02						
OI-48 (SE	VOC	1,2-Dibromoethane	106-93-4	B2	16				9.20E-03	1.80E-01	5.8E+00	1.8E+04	4.3E-01						
OI-48 (SE	VOC	Dibromomethane	74-95-3		14				1.50E-01	1.80E-01			2.0E+03						
OI-48 (SE	VOC	trans-1,4-Dichloro-2-butene	110-57-6		14				3.60E-02	4.20E-02									
OI-48 (SE	VOC	1,2-Dichlorobenzene	95-50-1	D	16				8.30E-03	8.50E-02	4.6E+04	4.4E+07	2.1E+02	3.5E+05					
OI-48 (SE	VOC	1,3-Dichlorobenzene	541-73-1	D	16				1.00E-02	8.50E-02			1.7E+02						
OI-48 (SE	VOC	1,4-Dichlorobenzene	106-46-7	C	16				1.00E-02	8.50E-02	2.6E+02	5.7E+05	1.9E+03	8.2E+05					
OI-48 (SE	VOC	Dichlorodifluoromethane	75-71-8		16				2.80E-02	8.50E-02	6.3E+04	1.5E+09	1.0E+03	6.7E+04					
OI-48 (SE	VOC	1,1-Dichloroethane	75-34-3	C	16				1.30E-02	4.20E-02	2.5E+03	1.5E+07	8.9E+02	3.8E+04					
OI-48 (SE	VOC	1,2-Dichloroethane	107-06-2	B2	16				1.60E-02	4.20E-02	2.1E+01	1.5E+05	4.2E+02	1.6E+03					
OI-48 (SE	VOC	1,1-Dichloroethene	75-35-4	C	16				9.60E-03	4.20E-02	3.7E+00	7.8E+04	5.7E+02	7.0E+02					
OI-48 (SE	VOC	cis-1,2-Dichloroethene	156-59-2	D	16	2	1.20E-01	2.80E-01	9.40E-03	4.20E-02	2.1E+02	1.0E+06	6.4E+02	1.1E+05		1.3E-03	2.8E-07	4.4E-04	2.6E-06
OI-48 (SE	VOC	trans-1,2-Dichloroethene	156-60-5		16				1.20E-02	4.20E-02	3.3E+02	2.1E+06	1.4E+03	6.1E+04					
OI-48 (SE	VOC	1,2-Dichloropropane	78-87-5	B2	16				1.10E-02	4.20E-02	3.0E+01	1.2E+05	5.5E+02	7.3E+04					
OI-48 (SE	VOC	1,3-Dichloropropane	142-28-9		14				3.60E-02	4.20E-02									
OI-48 (SE	VOC	2,2-Dichloropropane	594-20-7		14				3.60E-02	4.20E-02									
OI-48 (SE	VOC	1,1-Dichloropropene	563-58-6		14				3.60E-02	4.20E-02									
OI-48 (SE	VOC	1,3-Dichloropropene (total)	542-75-6	B2	16				9.30E-03	4.20E-02	6.0E+01	5.9E+05	2.4E+02	2.2E+02					
OI-48 (SE	VOC	Ethyl Benzene	100-41-4	D	16	2	1.00E-02	4.10E-02	8.40E-03	4.20E-02	2.4E+03	1.3E+07	1.4E+02	1.5E+05		1.7E-05	3.2E-09	2.9E-04	2.7E-07
OI-48 (SE	VOC	2-Hexanone	591-78-6		16				1.90E-02	8.50E-02	1.3E+03	1.2E+06	2.5E+03						
OI-48 (SE	VOC	Iodomethane	74-88-4		14				7.20E-02	8.50E-02									
OI-48 (SE	VOC	Methyl Acetate	79-20-9		2	1	1.00E-01	1.00E-01	3.10E-02	3.10E-02				2.0E+06					4.9E-08
OI-48 (SE	VOC	Methyl tert-butyl ether	1634-04-4		16				9.90E-03	1.80E-01	3.0E+04	8.8E+07	5.9E+03						
OI-48 (SE	VOC	4-Methyl-2-pentanone	108-10-1	ID	16				2.90E-02	1.80E+00	5.3E+04	6.0E+07	2.7E+03	1.0E+06					
OI-48 (SE	VOC	Methylcyclohexane	108-87-2		2	1	4.20E-02	4.20E-02	1.10E-02	1.10E-02									
OI-48 (SE	VOC	Methylene Chloride	75-09-2	B2	16				1.90E-02	1.80E-01	7.0E+02	8.3E+06	2.3E+03	1.5E+04					
OI-48 (SE	VOC	Diisopropyl ether	108-20-3		14				1.50E+00	1.80E+00	3.2E+03	1.1E+07	1.3E+00						
OI-48 (SE	VOC	n-Propylbenzene	103-65-1		14				7.20E-02	8.50E-02		5.9E+05	8.0E+03						
OI-48 (SE	VOC	Styrene	100-42-5		16				8.70E-03	4.20E-02	3.3E+03	6.9E+06	5.2E+02	4.3E+05					
OI-48 (SE	VOC	1,1,1,2-Tetrachloroethane	630-20-6		14				7.20E-02	8.50E-02	1.2E+02	5.3E+05	4.4E+02						
OI-48 (SE	VOC	1,1,2,2-Tetrachloroethane	79-34-5	C	16				1.20E-02	8.50E-02	3.4E+01	6.8E+04	2.4E+02	1.8E+04					
OI-48 (SE	VOC	Tetrachloroethene	127-18-4	C-B2	16				1.30E-02	4.20E-02	6.0E+02	6.8E+06	8.8E+01	1.4E+04					
OI-48 (SE	VOC	Tetrahydrofuran	109-99-9		14				5.20E-01	6.10E-01	1.5E+04	1.7E+08	9.5E+03	7.0E+05					
OI-48 (SE	VOC	Toluene	108-88-3	D	16	2	4.00E-02	1.30E-01	7.20E-03	8.50E-02	3.3E+03	1.2E+07	2.5E+02	8.7E+04		3.9E-05	1.1E-08	5.2E-04	1.5E-06
OI-48 (SE	VOC	1,2,3-Trichlorobenzene	87-61-6		14				1.50E-01	1.80E-01									
OI-48 (SE	VOC	1,2,4-Trichlorobenzene	120-82-1	D	16				1.30E-02	1.80E-01	3.4E+04	1.1E+07	1.1E+03						
OI-48 (SE	VOC	1,1,1-Trichloroethane	71-55-6	D	16				1.10E-02	4.20E-02	4.5E+03	2.9E+07	4.6E+02	1.3E+05					
OI-48 (SE	VOC	1,1,2-Trichloroethane	79-00-5	C	16				9.60E-03	4.20E-02	5.7E+01	2.5E+05	8.4E+02	3.0E+04					
OI-48 (SE	VOC	Trichloroethene	79-01-6	C-B2	16	4	2.00E-02	3.50E-01	3.60E-02	4.20E-02	2.6E+02	2.3E+06	5.0E+02	3.9E+04		1.3E-03	1.5E-07	7.0E-04	9.0E-06
OI-48 (SE	VOC	Trichlorofluoromethane	75-69-4		16				1.10E-02	8.50E-02	1.1E+05	1.7E+09	5.6E+02	1.3E+05					
OI-48 (SE	VOC	1,2,3-Trichloropropane	96-18-4	B2	14				7.20E-02	8.50E-02			8.3E+02	2.0E+05					
OI-48 (SE	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		2				3.50E-02	3.70E-02	2.1E+05	2.3E+09	5.5E+02	2.2E+05					
OI-48 (SE	VOC	1,2,4-Trimethylbenzene	95-63-6		14	1	9.00E-02	9.00E-02	7.20E-02	8.50E-02	2.5E+04	3.6E+07	1.1E+02			3.6E-06	2.5E-09	8.2E-04	
OI-48 (SE	VOC	1,3,5-Trimethylbenzene	108-67-8		14				7.20E-02	8.50E-02	1.9E+04	3.6E+07	9.4E+01	1.9E+05					
OI-48 (SE	VOC	Vinyl Acetate	108-05-4		14				1.50E+00	1.80E+00	2.0E+03	5.9E+06	2.4E+03	1.8E+04					
OI-48 (SE	VOC	Vinyl Chloride	75-01-4	A	16	1	1.10E-01	1.10E-01	1.30E-02	8.50E-02	2.9E+01	8.9E+05	3.4E+01	6.1E+01		3.8E-03	1.2E-07	3.2E-03	1.8E-03
OI-48 (SE	VOC	Xylenes (total)	1330-20-7	ID	16	2	5.60E-02	2.40E-01	2.40E-02	8.50E-02	5.4E+04	1.3E+08	1.5E+02	1.9E+05		4.4E-06	1.8E-09	1.6E-03	1.3E-06
OI-48 (SE	SVOC	Hexachlorobutadiene	87-68-3	C	14				1.50E-01	1.80E-01	4.6E+02	1.8E+05	3.5E+02	8.9E+02					
OI-48 (SE	SVOC	Hexachloroethane	67-72-1	C	14				1.50E-01	1.80E-01	6.6E+02	1.0E+05	7.3E+02	7.5E+04					
OI-48 (SE	SVOC	2-Methylnaphthalene	91-57-6	ID	14	2	2.30E-01	2.60E-01	1.50E-01	1.80E-01			2.6E+04					1.0E-05	
OI-48 (SE	SVOC	Naphthalene	91-20-3	C	14				1.50E-01	1.80E-01	3.5E+02	8.8E+04	5.2E+04	1.4E+06					
8(SE)/Blg	VOC	Acetone	67-64-1	ID	6				5.40E-02	1.70E-01	1.6E+05	1.7E+08	7.3E+04	1.2E+07					
8(SE)/Blg	VOC	Benzene	71-43-2	A	6				7.80E-03	2.40E-02	4.5E+01	4.7E+05	4.0E+02	4.1E+02					
8(SE)/Blg	VOC	Bromodichloromethane	75-27-4	B2	6				9.30E-03	2.90E-02	3.1E+01	1.1E+05	4.9E+02						
8(SE)/Blg	VOC	Bromoform	75-25-2	B2	6				1.20E-02	3.90E-02	3.1E+03	3.6E+06	8.7E+02	9.6E+03					
8(SE)/Blg	VOC	Bromomethane	74-83-9	D	6				4.80E-02	1.50E-01	1.3E+01	1.5E+05	1.0E+03	2.5E+02					

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
8(SE)/Blg	VOC	2-Butanone	78-93-3	ID	6				5.90E-02	1.80E-01	3.5E+04	2.9E+07	2.7E+04	3.0E+06					
8(SE)/Blg	VOC	Carbon Disulfide	75-15-0		6				5.10E-03	1.60E-02	1.6E+03	2.1E+07	2.8E+02	3.5E+02					
8(SE)/Blg	VOC	Carbon Tetrachloride	56-23-5	B2	6	3	1.90E-02	1.20E-01	1.60E-02	4.90E-02	1.2E+01	1.7E+05	3.9E+02	7.2E+02		1.0E-02	7.1E-07	3.1E-04	1.7E-04
8(SE)/Blg	VOC	Chlorobenzene	108-90-7	D	6				6.60E-03	2.00E-02	9.2E+02	2.1E+06	2.6E+02	1.7E+05					
8(SE)/Blg	VOC	Chloroethane	75-00-3		6				5.30E-02	1.70E-01	3.6E+04	2.9E+08	9.5E+02	1.3E+05					
8(SE)/Blg	VOC	Chloroform	67-66-3	B2	6	4	2.00E-02	6.00E-02	1.40E-02	1.60E-02	1.5E+02	1.6E+06	1.5E+03	1.5E+03		4.0E-04	3.8E-08	4.0E-05	4.0E-05
8(SE)/Blg	VOC	Chloromethane	74-87-3	D	6				1.60E-02	4.90E-02	1.2E+02	2.6E+06	1.1E+03	4.7E+03					
8(SE)/Blg	VOC	Cumene	98-82-8	D	6				9.60E-03	3.00E-02	2.0E+03	2.6E+06	3.9E+02	7.3E+03					
8(SE)/Blg	VOC	Cyclohexane	110-82-7	ID	6	1	7.90E-03	7.90E-03	7.00E-03	2.20E-02									
8(SE)/Blg	VOC	1,2-Dibromo-3-chloropropane	96-12-8	B2	6				2.60E-02	8.10E-02	1.5E+01	5.9E+03	1.2E+00						
8(SE)/Blg	VOC	Dibromochloromethane	124-48-1	C	6				1.20E-02	3.90E-02	8.0E+01	1.6E+05	5.0E+02						
8(SE)/Blg	VOC	1,2-Dibromoethane	106-93-4	B2	6				8.60E-03	2.70E-02	5.8E+00	1.8E+04	4.3E-01						
8(SE)/Blg	VOC	1,2-Dichlorobenzene	95-50-1	D	6				7.80E-03	2.40E-02	4.6E+04	4.4E+07	2.1E+02	3.5E+05					
8(SE)/Blg	VOC	1,3-Dichlorobenzene	541-73-1	D	6				9.40E-03	2.90E-02			1.7E+02						
8(SE)/Blg	VOC	1,4-Dichlorobenzene	106-46-7	C	6				9.70E-03	3.00E-02	2.6E+02	5.7E+05	1.9E+03	8.2E+05					
8(SE)/Blg	VOC	Dichlorodifluoromethane	75-71-8		6				2.60E-02	8.10E-02	6.3E+04	1.5E+09	1.0E+03	6.7E+04					
8(SE)/Blg	VOC	1,1-Dichloroethane	75-34-3	C	6				1.20E-02	3.90E-02	2.5E+03	1.5E+07	8.9E+02	3.8E+04					
8(SE)/Blg	VOC	1,2-Dichloroethane	107-06-2	B2	6				1.50E-02	4.60E-02	2.1E+01	1.5E+05	4.2E+02	1.6E+03					
8(SE)/Blg	VOC	1,1-Dichloroethene	75-35-4	C	6				9.00E-03	2.80E-02	3.7E+00	7.8E+04	5.7E+02	7.0E+02					
8(SE)/Blg	VOC	cis-1,2-Dichloroethene	156-59-2	D	6	6	5.00E-02	7.50E-01			2.1E+02	1.0E+06	6.4E+02	1.1E+05		3.6E-03	7.5E-07	1.2E-03	7.0E-06
8(SE)/Blg	VOC	trans-1,2-Dichloroethene	156-60-5		6	1	2.40E-02	2.40E-02	1.10E-02	3.50E-02	3.3E+02	2.1E+06	1.4E+03	6.1E+04		7.3E-05	1.1E-08	1.7E-05	4.0E-07
8(SE)/Blg	VOC	1,2-Dichloropropane	78-87-5	B2	6				1.10E-02	3.30E-02	3.0E+01	1.2E+05	5.5E+02	7.3E+04					
8(SE)/Blg	VOC	1,3-Dichloropropene (total)	542-75-6	B2	6				8.70E-03	2.70E-02	6.0E+01	5.9E+05	2.4E+02	2.2E+02					
8(SE)/Blg	VOC	Ethyl Benzene	100-41-4	D	6				7.40E-03	2.30E-02	2.4E+03	1.3E+07	1.4E+02	1.5E+05					
8(SE)/Blg	VOC	2-Hexanone	591-78-6		6				1.80E-02	5.60E-02	1.3E+03	1.2E+06	2.5E+03						
8(SE)/Blg	VOC	Methyl Acetate	79-20-9		6				2.70E-02	8.50E-02				2.0E+06					
8(SE)/Blg	VOC	Methyl tert-butyl ether	1634-04-4		6				9.30E-03	2.90E-02	3.0E+04	8.8E+07	5.9E+03						
8(SE)/Blg	VOC	4-Methyl-2-pentanone	108-10-1	ID	6				2.70E-02	8.50E-02	5.3E+04	6.0E+07	2.7E+03	1.0E+06					
8(SE)/Blg	VOC	Methylcyclohexane	108-87-2		6	1	5.20E-02	5.20E-02	1.00E-02	3.10E-02									
8(SE)/Blg	VOC	Methylene Chloride	75-09-2	B2	6				1.80E-02	5.60E-02	7.0E+02	8.3E+06	2.3E+03	1.5E+04					
8(SE)/Blg	VOC	Styrene	100-42-5		6				8.20E-03	2.50E-02	3.3E+03	6.9E+06	5.2E+02	4.3E+05					
8(SE)/Blg	VOC	1,1,2,2-Tetrachloroethane	79-34-5	C	6				1.10E-02	3.50E-02	3.4E+01	6.8E+04	2.4E+02	1.8E+04					
8(SE)/Blg	VOC	Tetrachloroethene	127-18-4	C-B2	6				1.20E-02	3.90E-02	6.0E+02	6.8E+06	8.8E+01	1.4E+04					
8(SE)/Blg	VOC	Toluene	108-88-3	D	6	1	2.50E-02	2.50E-02	6.30E-03	2.00E-02	3.3E+03	1.2E+07	2.5E+02	8.7E+04		7.6E-06	2.1E-09	1.0E-04	2.9E-07
8(SE)/Blg	VOC	1,2,4-Trichlorobenzene	120-82-1	D	6				1.20E-02	3.90E-02	3.4E+04	1.1E+07	1.1E+03						
8(SE)/Blg	VOC	1,1,1-Trichloroethane	71-55-6	D	6				1.00E-02	3.10E-02	4.5E+03	2.9E+07	4.6E+02	1.3E+05					
8(SE)/Blg	VOC	1,1,2-Trichloroethane	79-00-5	C	6				9.00E-03	2.80E-02	5.7E+01	2.5E+05	8.4E+02	3.0E+04					
8(SE)/Blg	VOC	Trichloroethene	79-01-6	C-B2	6	6	1.60E-01	4.70E+00			2.6E+02	2.3E+06	5.0E+02	3.9E+04		1.8E-02	2.0E-06	9.4E-03	1.2E-04
8(SE)/Blg	VOC	Trichlorofluoromethane	75-69-4		6				1.00E-02	3.10E-02	1.1E+05	1.7E+09	5.6E+02	1.3E+05					
8(SE)/Blg	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		6				3.30E-02	1.00E-01	2.1E+05	2.3E+09	5.5E+02	2.2E+05					
8(SE)/Blg	VOC	Vinyl Chloride	75-01-4	A	6				1.20E-02	3.90E-02	2.9E+01	8.9E+05	3.4E+01	6.1E+01					
8(SE)/Blg	VOC	Xylenes (total)	1330-20-7	ID	6	1	4.30E-02	4.30E-02	2.20E-02	6.70E-02	5.4E+04	1.3E+08	1.5E+02	1.9E+05		8.0E-07	3.3E-10	2.9E-04	2.3E-07
AOI-49	VOC	Acetone	67-64-1	ID	15	2	6.80E-01	9.60E-01	5.50E-02	6.90E-01	1.6E+05	1.7E+08	7.3E+04	1.2E+07		6.0E-06	5.6E-09	1.3E-05	7.7E-08
AOI-49	VOC	Benzene	71-43-2	A	15	3	2.40E-02	1.40E-01	7.90E-03	9.90E-02	4.5E+01	4.7E+05	4.0E+02	4.1E+02		3.1E-03	3.0E-07	3.5E-04	3.4E-04
AOI-49	VOC	Bromodichloromethane	75-27-4	B2	15				9.40E-03	1.20E-01	3.1E+01	1.1E+05	4.9E+02						
AOI-49	VOC	Bromoform	75-25-2	B2	15				1.30E-02	1.60E-01	3.1E+03	3.6E+06	8.7E+02	9.6E+03					
AOI-49	VOC	Bromomethane	74-83-9	D	15				4.80E-02	6.00E-01	1.3E+01	1.5E+05	1.0E+03	2.5E+02					
AOI-49	VOC	2-Butanone	78-93-3	ID	15				5.90E-02	7.40E-01	3.5E+04	2.9E+07	2.7E+04	3.0E+06					
AOI-49	VOC	Carbon Disulfide	75-15-0		15				5.10E-03	2.10E-01	1.6E+03	2.1E+07	2.8E+02	3.5E+02					
AOI-49	VOC	Carbon Tetrachloride	56-23-5	B2	15	1	4.10E-02	4.10E-02	1.60E-02	2.00E-01	1.2E+01	1.7E+05	3.9E+02	7.2E+02		3.4E-03	2.4E-07	1.1E-04	5.7E-05
AOI-49	VOC	Chlorobenzene	108-90-7	D	15				6.60E-03	8.30E-02	9.2E+02	2.1E+06	2.6E+02	1.7E+05					
AOI-49	VOC	Chloroethane	75-00-3		15				5.40E-02	6.70E-01	3.6E+04	2.9E+08	9.5E+02	1.3E+05					
AOI-49	VOC	Chloroform	67-66-3	B2	15	1	1.10E-01	1.10E-01	1.40E-02	1.70E-01	1.5E+02	1.6E+06	1.5E+03	1.5E+03		7.3E-04	6.9E-08	7.3E-05	7.3E-05
AOI-49	VOC	Chloromethane	74-87-3	D	15				1.60E-02	2.00E-01	1.2E+02	2.6E+06	1.1E+03	4.7E+03					
AOI-49	VOC	Cumene	98-82-8	D	15	3	3.00E-02	1.90E-01	9.70E-03	1.20E-01	2.0E+03	2.6E+06	3.9E+02	7.3E+03		9.5E-05	7.3E-08	4.9E-04	2.6E-05
AOI-49	VOC	Cyclohexane	110-82-7	ID	15	3	2.00E-02	2.40E-01	7.10E-03	8.90E-02									
AOI-49	VOC	1,2-Dibromo-3-chloropropane	96-12-8	B2	15				2.60E-02	4.90E-01	1.5E+01	5.9E+03	1.2E+00						
AOI-49	VOC	Dibromochloromethane	124-48-1	C	15				1.30E-02	1.60E-01	8.0E+01	1.6E+05	5.0E+02						

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-49	VOC	1,2-Dibromoethane	106-93-4	B2	15				8.70E-03	1.20E-01	5.8E+00	1.8E+04	4.3E-01						
AOI-49	VOC	1,2-Dichlorobenzene	95-50-1	D	15				7.90E-03	9.90E-02	4.6E+04	4.4E+07	2.1E+02	3.5E+05					
AOI-49	VOC	1,3-Dichlorobenzene	541-73-1	D	15				9.50E-03	1.20E-01			1.7E+02						
AOI-49	VOC	1,4-Dichlorobenzene	106-46-7	C	15	2	4.90E-02	1.10E-01	9.80E-03	1.20E-01	2.6E+02	5.7E+05	1.9E+03	8.2E+05		4.2E-04	1.9E-07	5.8E-05	1.3E-07
AOI-49	VOC	Dichlorodifluoromethane	75-71-8		15				2.60E-02	3.30E-01	6.3E+04	1.5E+09	1.0E+03	6.7E+04					
AOI-49	VOC	1,1-Dichloroethane	75-34-3	C	15	7	1.50E-02	1.80E+01	1.30E-02	2.60E-02	2.5E+03	1.5E+07	8.9E+02	3.8E+04		7.2E-03	1.2E-06	2.0E-02	4.7E-04
AOI-49	VOC	1,2-Dichloroethane	107-06-2	B2	15	2	9.20E-02	1.20E+00	1.50E-02	1.90E-01	2.1E+01	1.5E+05	4.2E+02	1.6E+03		5.7E-02	8.0E-06	2.9E-03	7.5E-04
AOI-49	VOC	1,1-Dichloroethene	75-35-4	C	15	3	1.70E-01	3.90E+00	9.00E-03	1.10E-01	3.7E+00	7.8E+04	5.7E+02	7.0E+02		1.1E+00	5.0E-05	6.8E-03	5.6E-03
AOI-49	VOC	cis-1,2-Dichloroethene	156-59-2	D	15	2	2.20E-02	1.80E+00	8.90E-03	1.10E-01	2.1E+02	1.0E+06	6.4E+02	1.1E+05		8.6E-03	1.8E-06	2.8E-03	1.7E-05
AOI-49	VOC	trans-1,2-Dichloroethene	156-60-5		15	1	1.10E-01	1.10E-01	1.10E-02	1.40E-01	3.3E+02	2.1E+06	1.4E+03	6.1E+04		3.3E-04	5.2E-08	7.9E-05	1.8E-06
AOI-49	VOC	1,2-Dichloropropane	78-87-5	B2	15				1.10E-02	1.30E-01	3.0E+01	1.2E+05	5.5E+02	7.3E+04					
AOI-49	VOC	1,3-Dichloropropene (total)	542-75-6	B2	15				8.80E-03	1.10E-01	6.0E+01	5.9E+05	2.4E+02	2.2E+02					
AOI-49	VOC	Ethyl Benzene	100-41-4	D	15	5	3.50E-02	6.00E-01	7.40E-03	9.30E-02	2.4E+03	1.3E+07	1.4E+02	1.5E+05		2.5E-04	4.6E-08	4.3E-03	3.9E-06
AOI-49	VOC	2-Hexanone	591-78-6		15				1.80E-02	2.30E-01	1.3E+03	1.2E+06	2.5E+03						
AOI-49	VOC	Methyl Acetate	79-20-9		15	3	5.20E-02	3.50E-01	2.70E-02	3.40E-01				2.0E+06					1.7E-07
AOI-49	VOC	Methyl tert-butyl ether	1634-04-4		15				9.40E-03	1.20E-01	3.0E+04	8.8E+07	5.9E+03						
AOI-49	VOC	4-Methyl-2-pentanone	108-10-1	ID	15				2.70E-02	3.40E-01	5.3E+04	6.0E+07	2.7E+03	1.0E+06					
AOI-49	VOC	Methylcyclohexane	108-87-2		15	7	2.00E-02	1.90E+00	1.00E-02	1.30E-01									
AOI-49	VOC	Methylene Chloride	75-09-2	B2	15	1	7.90E-01	7.90E-01	1.80E-02	2.30E-01	7.0E+02	8.3E+06	2.3E+03	1.5E+04		1.1E-03	9.5E-08	3.4E-04	5.4E-05
AOI-49	VOC	Styrene	100-42-5		15				8.20E-03	1.00E-01	3.3E+03	6.9E+06	5.2E+02	4.3E+05					
AOI-49	VOC	1,1,2,2-Tetrachloroethane	79-34-5	C	15				1.10E-02	1.40E-01	3.4E+01	6.8E+04	2.4E+02	1.8E+04					
AOI-49	VOC	Tetrachloroethene	127-18-4	C-B2	15	2	3.10E-02	2.50E-01	1.30E-02	1.60E-01	6.0E+02	6.8E+06	8.8E+01	1.4E+04		4.2E-04	3.7E-08	2.8E-03	1.8E-05
AOI-49	VOC	Toluene	108-88-3	D	15	4	3.00E-02	2.00E+00	6.40E-03	8.00E-02	3.3E+03	1.2E+07	2.5E+02	8.7E+04		6.1E-04	1.7E-07	8.0E-03	2.3E-05
AOI-49	VOC	1,2,4-Trichlorobenzene	120-82-1	D	15				1.30E-02	1.60E-01	3.4E+04	1.1E+07	1.1E+03						
AOI-49	VOC	1,1,1-Trichloroethane	71-55-6	D	15	5	2.40E-02	3.70E+01	1.00E-02	2.10E-02	4.5E+03	2.9E+07	4.6E+02	1.3E+05		8.2E-03	1.3E-06	8.0E-02	2.8E-04
AOI-49	VOC	1,1,2-Trichloroethane	79-00-5	C	15	2	1.10E-01	3.70E-01	9.00E-03	1.10E-01	5.7E+01	2.5E+05	8.4E+02	3.0E+04		6.5E-03	1.5E-06	4.4E-04	1.2E-05
AOI-49	VOC	Trichloroethene	79-01-6	C-B2	15	6	1.20E-02	3.30E+00	9.90E-03	1.20E-01	2.6E+02	2.3E+06	5.0E+02	3.9E+04		1.3E-02	1.4E-06	6.6E-03	8.5E-05
AOI-49	VOC	Trichlorofluoromethane	75-69-4		15				1.00E-02	1.30E-01	1.1E+05	1.7E+09	5.6E+02	1.3E+05					
AOI-49	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		15				3.30E-02	4.10E-01	2.1E+05	2.3E+09	5.5E+02	2.2E+05					
AOI-49	VOC	Vinyl Chloride	75-01-4	A	15				1.30E-02	1.60E-01	2.9E+01	8.9E+05	3.4E+01	6.1E+01					
AOI-49	VOC	Xylenes (total)	1330-20-7	ID	15	6	6.20E-02	2.20E+00	2.20E-02	2.70E-01	5.4E+04	1.3E+08	1.5E+02	1.9E+05		4.1E-05	1.7E-08	1.5E-02	1.2E-05
AOI-49	SVOC	Acenaphthene	83-32-9		2				5.50E-02	5.90E-02	9.7E+04	6.2E+06	1.3E+05						
AOI-49	SVOC	Acenaphthylene	208-96-8	D	2				5.00E-02	5.50E-02	2.7E+03	1.0E+06	5.2E+03						
AOI-49	SVOC	Acetophenone	98-86-2	D	2				5.40E-02	5.80E-02	5.2E+04	1.4E+07	1.1E+03	2.5E+06					
AOI-49	SVOC	Anthracene	120-12-7	D	2				5.30E-02	5.70E-02	1.6E+06	2.9E+07	7.3E+05						
AOI-49	SVOC	Atrazine	1912-24-9	C	2				1.60E-01	1.70E-01			3.3E+02	6.5E+08					
AOI-49	SVOC	Benzaldehyde	100-52-7		2				1.80E-01	2.00E-01									
AOI-49	SVOC	Benzo(a)anthracene	56-55-3	B2	2				5.90E-02	6.40E-02			8.0E+01						
AOI-49	SVOC	Benzo(a)pyrene	50-32-8	B2	2				6.40E-02	7.00E-02		1.9E+03	8.0E+00						
AOI-49	SVOC	Benzo(b)fluoranthene	205-99-2	B2	2				6.20E-02	6.70E-02			8.0E+01						
AOI-49	SVOC	Benzo(g,h,i)perylene	191-24-2	D	2				5.90E-02	6.40E-02		3.5E+05	7.0E+03						
AOI-49	SVOC	Benzo(k)fluoranthene	207-08-9	B2	2				5.70E-02	6.20E-02			8.0E+02						
AOI-49	SVOC	Biphenyl	92-52-4	D	2				1.50E-01	1.60E-01									
AOI-49	SVOC	bis(2-Chloroethoxy)methane	111-91-1	D	2				5.00E-02	5.50E-02									
AOI-49	SVOC	bis(2-Chloroethyl) ether	111-44-4	B2	2				5.50E-02	5.90E-02	1.3E+01	1.2E+04	5.8E+01	6.1E+05					
AOI-49	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	2				5.80E-02	6.30E-02		8.9E+05	1.0E+04	4.8E+12					
AOI-49	SVOC	4-Bromophenyl-phenyl ether	101-55-3	D	2				6.50E-02	7.10E-02									
AOI-49	SVOC	Butylbenzylphthalate	85-68-7	C	2				5.50E-02	5.90E-02		2.1E+07	3.1E+02						
AOI-49	SVOC	Caprolactam	105-60-2		2				1.90E-01	2.10E-01		2.9E+05	3.1E+05						
AOI-49	SVOC	Carbazole	86-74-8	B2	2				5.60E-02	6.00E-02			2.4E+03						
AOI-49	SVOC	4-Chloro-3-methylphenol	59-50-7		2				5.50E-02	5.90E-02			1.5E+04						
AOI-49	SVOC	4-Chloroaniline	106-47-8		2				5.50E-02	5.90E-02									
AOI-49	SVOC	2-Chloronaphthalene	91-58-7		2				5.10E-02	5.60E-02			1.8E+05						
AOI-49	SVOC	2-Chlorophenol	95-57-8		2				5.60E-02	6.00E-02			4.5E+03						
AOI-49	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3		2				5.60E-02	6.00E-02									
AOI-49	SVOC	Chrysene	218-01-9	B2	2				4.90E-02	5.30E-02			8.0E+03						
AOI-49	SVOC	Dibenz(a,h)anthracene	53-70-3	B2	2				5.50E-02	5.90E-02			8.0E+00						
AOI-49	SVOC	Dibenzofuran	132-64-9	D	2				5.40E-02	5.80E-02									

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-49	SVOC	3,3'-Dichlorobenzidine	91-94-1	B2	2				4.20E-02	4.50E-02		8.2E+03	3.0E+01						
AOI-49	SVOC	2,4-Dichlorophenol	120-83-2		2				5.40E-02	5.80E-02		2.3E+06	1.8E+03						
AOI-49	SVOC	Diethylphthalate	84-66-2	D	2				1.60E-01	1.70E-01		1.5E+06	7.4E+02	2.4E+07					
AOI-49	SVOC	2,4-Dimethylphenol	105-67-9		2				8.60E-02	9.30E-02		2.1E+06	3.6E+04						
AOI-49	SVOC	Dimethylphthalate	131-11-3	D	2				1.70E-01	1.90E-01		1.5E+06	7.9E+02	2.3E+07					
AOI-49	SVOC	Di-n-butylphthalate	84-74-2	D	2				1.60E-01	1.70E-01		1.5E+06	7.6E+02	9.7E+10					
AOI-49	SVOC	4,6-Dinitro-2-methylphenol	534-52-1		2				1.70E-01	1.90E-01			2.6E+02						
AOI-49	SVOC	2,4-Dinitrophenol	51-28-5		2				1.20E-01	1.30E-01									
AOI-49	SVOC	2,4-Dinitrotoluene	121-14-2	B2	2				4.90E-02	5.30E-02		2.0E+04	2.2E+02						
AOI-49	SVOC	2,6-Dinitrotoluene	606-20-2	B2	2				5.10E-02	5.60E-02									
AOI-49	SVOC	Di-n-octylphthalate	117-84-0		2				5.80E-02	6.30E-02			2.0E+04						
AOI-49	SVOC	Fluoranthene	206-44-0	D	2				6.00E-02	6.50E-02	8.9E+05	4.1E+06	1.3E+05						
AOI-49	SVOC	Fluorene	86-73-7	D	2				5.10E-02	5.60E-02	1.5E+05	4.1E+06	8.7E+04						
AOI-49	SVOC	Hexachlorobenzene	118-74-1	B2	2				6.00E-02	6.50E-02	5.6E+01	8.5E+03	3.7E+01	5.7E+02					
AOI-49	SVOC	Hexachlorobutadiene	87-68-3	C	2				4.80E-02	5.20E-02	4.6E+02	1.8E+05	3.5E+02	8.9E+02					
AOI-49	SVOC	Hexachlorocyclopentadiene	77-47-4	E	2				6.40E-02	7.00E-02	6.0E+01	5.9E+03	7.2E+02	5.8E+03					
AOI-49	SVOC	Hexachloroethane	67-72-1	C	2				5.10E-02	5.60E-02	6.6E+02	1.0E+05	7.3E+02	7.5E+04					
AOI-49	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	2				7.50E-02	8.10E-02			8.0E+01						
AOI-49	SVOC	Isophorone	78-59-1	C	2				4.70E-02	5.10E-02		8.2E+06	2.4E+03	2.0E+06					
AOI-49	SVOC	2-Methylnaphthalene	91-57-6	ID	2	1	1.10E-01	1.10E-01	5.60E-02	5.60E-02			2.6E+04					4.2E-06	
AOI-49	SVOC	Methylphenol (total)	1319-77-3		2				5.00E-02	5.50E-02		2.9E+06	3.6E+04	2.1E+07					
AOI-49	SVOC	Naphthalene	91-20-3	C	2	1	1.20E-01	1.20E-01	5.70E-02	5.70E-02	3.5E+02	8.8E+04	5.2E+04	1.4E+06		3.4E-04	1.4E-06	2.3E-06	8.5E-08
AOI-49	SVOC	2-Nitroaniline	88-74-4		2				4.90E-02	5.30E-02									
AOI-49	SVOC	3-Nitroaniline	99-09-2	C	2				1.50E-01	1.60E-01									
AOI-49	SVOC	4-Nitroaniline	100-01-6	C	2				7.30E-02	7.90E-02				7.7E+07					
AOI-49	SVOC	Nitrobenzene	98-95-3	D	2				4.90E-02	5.30E-02	6.4E+01	2.1E+04	3.4E+02	1.5E+05					
AOI-49	SVOC	2-Nitrophenol	88-75-5		2				4.90E-02	5.30E-02			2.0E+03						
AOI-49	SVOC	4-Nitrophenol	100-02-7		2				2.00E-01	2.20E-01									
AOI-49	SVOC	N-Nitrosodiphenylamine	86-30-6	B2	2				5.30E-02	5.70E-02			7.8E+03						
AOI-49	SVOC	N-Nitroso-di-n-propylamine	621-64-7	B2	2				4.70E-02	5.10E-02		2.0E+03	5.4E+00						
AOI-49	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	C	2				5.60E-02	6.00E-02									
AOI-49	SVOC	Pentachlorophenol	87-86-5	B2	2				1.30E-01	1.40E-01		1.3E+05	3.2E+02	7.8E+07					
AOI-49	SVOC	Phenanthrene	85-01-8	D	2	1	6.20E-02	6.20E-02	6.00E-02	6.00E-02	1.9E+02	2.9E+03	5.2E+03			3.3E-04	2.1E-05	1.2E-05	
AOI-49	SVOC	Phenol	108-95-2	ID	2				5.30E-02	5.70E-02		1.8E+07	1.2E+04	2.1E+07					
AOI-49	SVOC	Pyrene	129-00-0	D	2				5.50E-02	5.90E-02	7.8E+05	2.9E+06	8.4E+04						
AOI-49	SVOC	2,4,5-Trichlorophenol	95-95-4		2				5.90E-02	6.40E-02		1.0E+07	7.3E+04						
AOI-49	SVOC	2,4,6-Trichlorophenol	88-06-2	B2	2				6.80E-02	7.30E-02		1.3E+06	3.3E+03						
AOI-49	P/PCB	PCBs (total)	1336-36-3	B2	2				2.10E-02	2.30E-02	8.1E+02	6.5E+03	1.6E+01	4.0E+05					
AOI-49	INORG	Aluminum	7429-90-5	D	2	2	2.42E+03	7.57E+03					3.7E+05		7.4E+03			4.9E-04	
AOI-49	INORG	Antimony	7440-36-0		2				2.50E-01	2.70E-01		5.9E+03	6.7E+02		8.0E-01				
AOI-49	INORG	Arsenic	7440-38-2	A	2	2	1.10E+00	4.20E+00				9.1E+02	3.7E+01		6.8E+00				
AOI-49	INORG	Barium	7440-39-3	D	2	2	1.71E+01	6.01E+01				1.5E+05	1.3E+05		6.2E+01				
AOI-49	INORG	Beryllium	7440-41-7	B1	2	1	2.60E-01	2.60E-01	7.30E-02	7.30E-02		5.9E+02	1.6E+03		3.1E-01				
AOI-49	INORG	Cadmium	7440-43-9	B1	2	2	3.30E-02	1.50E-01				2.2E+03	2.1E+03		1.4E+00				
AOI-49	INORG	Calcium	7440-70-2		2	2	1.02E+03	6.13E+04											
AOI-49	INORG	Chromium III	16065-83-1	D	2	2	2.00E+00	1.32E+01				1.5E+05	1.0E+06				8.8E-05	1.3E-05	
AOI-49	INORG	Chromium VI	18540-29-9	A	2	1	9.00E-01	9.00E-01	2.30E-01	2.30E-01		2.4E+02	9.2E+03				3.8E-03	9.8E-05	
AOI-49	INORG	Cobalt	7440-48-4	B1	2	2	1.20E+00	5.80E+00				5.9E+03	9.0E+03		5.8E+00				
AOI-49	INORG	Copper	7440-50-8	D	2	2	2.90E+00	1.11E+01				5.9E+04	7.3E+04		5.9E+01				
AOI-49	INORG	Cyanide (total)	57-12-5	D	2				9.40E-02	1.00E-01		2.5E+02	2.5E+02						
AOI-49	INORG	Iron	7439-89-6	D	2	2	2.94E+03	1.46E+04					5.8E+05		1.5E+04				
AOI-49	INORG	Lead	7439-92-1	B2	2	2	6.80E+00	8.20E+00				4.4E+04	9.0E+02		6.8E+01				
AOI-49	INORG	Magnesium	7439-95-4		2	2	5.39E+02	1.88E+04				2.9E+06	1.0E+06				6.5E-03	1.9E-02	
AOI-49	INORG	Manganese	7439-96-5	D	2	2	3.99E+01	3.00E+02				1.5E+03	9.0E+04		5.2E+02				
AOI-49	INORG	Mercury	7439-97-6	D	2				1.70E-02	1.90E-02	6.2E+01	8.8E+03	5.8E+02	1.3E+04	1.9E-01				
AOI-49	INORG	Nickel	7440-02-0	A	2	2	2.40E+00	1.49E+01				1.6E+04	1.5E+05		1.5E+01				
AOI-49	INORG	Potassium	7440-09-7		2	2	3.90E+02	1.05E+03											
AOI-49	INORG	Selenium	7782-49-2	D	2				3.30E-01	3.60E-01		5.9E+04	9.6E+03		7.0E-01				

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-49	INORG	Silver	7440-22-4	D	2				1.10E-01	1.20E-01		2.9E+03	9.0E+03		1.0E+00				
AOI-49	INORG	Sodium	7440-23-5		2	2	8.59E+01	1.05E+02					1.0E+06					1.1E-04	
AOI-49	INORG	Thallium	7440-28-0		2	1	1.70E+00	1.70E+00	6.20E-01	6.20E-01			1.3E+02		9.3E-01			5.9E-03	
AOI-49	INORG	Vanadium	7440-62-2		2	2	5.70E+00	1.91E+01					5.5E+03		1.8E+01			1.5E-04	
AOI-49	INORG	Zinc	7440-66-6	D	2	2	9.40E+00	4.12E+01					6.3E+05		9.0E+01				
AOI-50	VOC	Acetone	67-64-1	ID	20	3	1.00E-01	3.90E-01	5.30E-02	1.10E-01	1.6E+05	1.7E+08	7.3E+04	1.2E+07		2.4E-06	2.3E-09	5.3E-06	3.1E-08
AOI-50	VOC	Benzene	71-43-2	A	20	3	1.50E-02	4.80E-02	7.60E-03	1.60E-02	4.5E+01	4.7E+05	4.0E+02	4.1E+02		1.1E-03	1.0E-07	1.2E-04	1.2E-04
AOI-50	VOC	Bromodichloromethane	75-27-4	B2	20				9.00E-03	1.50E-02	3.1E+01	1.1E+05	4.9E+02						
AOI-50	VOC	Bromoform	75-25-2	B2	20				1.20E-02	2.40E-02	3.1E+03	3.6E+06	8.7E+02	9.6E+03					
AOI-50	VOC	Bromomethane	74-83-9	D	20				2.40E-02	7.20E-02	1.3E+01	1.5E+05	1.0E+03	2.5E+02					
AOI-50	VOC	2-Butanone	78-93-3	ID	20				5.70E-02	1.20E-01	3.5E+04	2.9E+07	2.7E+04	3.0E+06					
AOI-50	VOC	Carbon Disulfide	75-15-0		20				5.00E-03	5.20E-02	1.6E+03	2.1E+07	2.8E+02	3.5E+02					
AOI-50	VOC	Carbon Tetrachloride	56-23-5	B2	20	1	3.60E-02	3.60E-02	9.30E-03	2.40E-02	1.2E+01	1.7E+05	3.9E+02	7.2E+02		3.0E-03	2.1E-07	9.2E-05	5.0E-05
AOI-50	VOC	Chlorobenzene	108-90-7	D	20				6.40E-03	1.20E-02	9.2E+02	2.1E+06	2.6E+02	1.7E+05					
AOI-50	VOC	Chloroethane	75-00-3		20	1	6.50E-02	6.50E-02	3.40E-02	8.10E-02	3.6E+04	2.9E+08	9.5E+02	1.3E+05		1.8E-06	2.2E-10	6.8E-05	4.9E-07
AOI-50	VOC	Chloroform	67-66-3	B2	20	1	6.70E-02	6.70E-02	9.30E-03	2.10E-02	1.5E+02	1.6E+06	1.5E+03	1.5E+03		4.5E-04	4.2E-08	4.5E-05	4.4E-05
AOI-50	VOC	Chloromethane	74-87-3	D	20				1.40E-02	2.40E-02	1.2E+02	2.6E+06	1.1E+03	4.7E+03					
AOI-50	VOC	Cumene	98-82-8	D	20	1	2.80E-02	2.80E-02	7.30E-03	1.50E-02	2.0E+03	2.6E+06	3.9E+02	7.3E+03		1.4E-05	1.1E-08	7.2E-05	3.9E-06
AOI-50	VOC	Cyclohexane	110-82-7	ID	20	2	1.20E-02	6.40E-02	6.80E-03	1.10E-02									
AOI-50	VOC	1,2-Dibromo-3-chloropropane	96-12-8	B2	20				2.50E-02	1.20E-01	1.5E+01	5.9E+03	1.2E+00						
AOI-50	VOC	Dibromochloromethane	124-48-1	C	20				1.20E-02	1.90E-02	8.0E+01	1.6E+05	5.0E+02						
AOI-50	VOC	1,2-Dibromoethane	106-93-4	B2	20				8.40E-03	2.80E-02	5.8E+00	1.8E+04	4.3E-01						
AOI-50	VOC	1,2-Dichlorobenzene	95-50-1	D	20	1	1.30E-02	1.30E-02	7.60E-03	2.40E-02	4.6E+04	4.4E+07	2.1E+02	3.5E+05		2.8E-07	3.0E-10	6.2E-05	3.7E-08
AOI-50	VOC	1,3-Dichlorobenzene	541-73-1	D	20				8.80E-03	1.40E-02			1.7E+02						
AOI-50	VOC	1,4-Dichlorobenzene	106-46-7	C	20				9.50E-03	2.40E-02	2.6E+02	5.7E+05	1.9E+03	8.2E+05					
AOI-50	VOC	Dichlorodifluoromethane	75-71-8		20				2.50E-02	5.60E-02	6.3E+04	1.5E+09	1.0E+03	6.7E+04					
AOI-50	VOC	1,1-Dichloroethane	75-34-3	C	20	5	5.50E-02	3.60E-01	1.20E-02	2.10E-02	2.5E+03	1.5E+07	8.9E+02	3.8E+04		1.4E-04	2.4E-08	4.0E-04	9.4E-06
AOI-50	VOC	1,2-Dichloroethane	107-06-2	B2	20				1.00E-02	2.20E-02	2.1E+01	1.5E+05	4.2E+02	1.6E+03					
AOI-50	VOC	1,1-Dichloroethene	75-35-4	C	20	4	5.50E-02	4.30E-01	8.70E-03	2.50E-02	3.7E+00	7.8E+04	5.7E+02	7.0E+02		1.2E-01	5.5E-06	7.5E-04	6.1E-04
AOI-50	VOC	cis-1,2-Dichloroethene	156-59-2	D	20	5	1.60E-02	7.10E-01	8.60E-03	2.40E-02	2.1E+02	1.0E+06	6.4E+02	1.1E+05		3.4E-03	7.1E-07	1.1E-03	6.6E-06
AOI-50	VOC	trans-1,2-Dichloroethene	156-60-5		20				1.10E-02	2.70E-02	3.3E+02	2.1E+06	1.4E+03	6.1E+04					
AOI-50	VOC	1,2-Dichloropropane	78-87-5	B2	20				8.70E-03	1.60E-02	3.0E+01	1.2E+05	5.5E+02	7.3E+04					
AOI-50	VOC	1,3-Dichloropropene (total)	542-75-6	B2	20				8.50E-03	1.80E-02	6.0E+01	5.9E+05	2.4E+02	2.2E+02					
AOI-50	VOC	Ethyl Benzene	100-41-4	D	20	2	8.40E-03	8.40E-02	7.20E-03	2.10E-02	2.4E+03	1.3E+07	1.4E+02	1.5E+05		3.5E-05	6.5E-09	6.0E-04	5.5E-07
AOI-50	VOC	2-Hexanone	591-78-6		20				1.80E-02	4.40E-02	1.3E+03	1.2E+06	2.5E+03						
AOI-50	VOC	Methyl Acetate	79-20-9		20	2	5.00E-02	5.90E-02	2.60E-02	6.60E-02				2.0E+06					2.9E-08
AOI-50	VOC	Methyl tert-butyl ether	1634-04-4		20				9.00E-03	1.60E-02	3.0E+04	8.8E+07	5.9E+03						
AOI-50	VOC	4-Methyl-2-pentanone	108-10-1	ID	20				2.60E-02	4.30E-02	5.3E+04	6.0E+07	2.7E+03	1.0E+06					
AOI-50	VOC	Methylcyclohexane	108-87-2		20	6	2.40E-02	1.50E-01	9.80E-03	1.50E-02									
AOI-50	VOC	Methylene Chloride	75-09-2	B2	20				1.80E-02	6.10E-02	7.0E+02	8.3E+06	2.3E+03	1.5E+04					
AOI-50	VOC	Styrene	100-42-5		20	1	2.50E-02	2.50E-02	7.90E-03	2.50E-02	3.3E+03	6.9E+06	5.2E+02	4.3E+05		7.6E-06	3.6E-09	4.8E-05	5.9E-08
AOI-50	VOC	1,1,2,2-Tetrachloroethane	79-34-5	C	20				1.00E-02	1.70E-02	3.4E+01	6.8E+04	2.4E+02	1.8E+04					
AOI-50	VOC	Tetrachloroethene	127-18-4	C-B2	20	2	2.40E-02	2.60E-02	1.20E-02	2.20E-02	6.0E+02	6.8E+06	8.8E+01	1.4E+04		4.3E-05	3.8E-09	3.0E-04	1.9E-06
AOI-50	VOC	Toluene	108-88-3	D	20	5	1.10E-02	1.30E-01	6.20E-03	9.70E-03	3.3E+03	1.2E+07	2.5E+02	8.7E+04		3.9E-05	1.1E-08	5.2E-04	1.5E-06
AOI-50	VOC	1,2,4-Trichlorobenzene	120-82-1	D	20				1.00E-02	1.90E-02	3.4E+04	1.1E+07	1.1E+03						
AOI-50	VOC	1,1,1-Trichloroethane	71-55-6	D	20	9	1.30E-02	9.60E-01	9.20E-03	1.50E-02	4.5E+03	2.9E+07	4.6E+02	1.3E+05		2.1E-04	3.3E-08	2.1E-03	7.4E-06
AOI-50	VOC	1,1,2-Trichloroethane	79-00-5	C	20				8.70E-03	2.40E-02	5.7E+01	2.5E+05	8.4E+02	3.0E+04					
AOI-50	VOC	Trichloroethene	79-01-6	C-B2	20	10	1.10E-02	8.90E-01	9.60E-03	1.60E-02	2.6E+02	2.3E+06	5.0E+02	3.9E+04		3.4E-03	3.9E-07	1.8E-03	2.3E-05
AOI-50	VOC	Trichlorofluoromethane	75-69-4		20				9.70E-03	2.80E-02	1.1E+05	1.7E+09	5.6E+02	1.3E+05					
AOI-50	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		20				3.20E-02	5.50E-02	2.1E+05	2.3E+09	5.5E+02	2.2E+05					
AOI-50	VOC	Vinyl Chloride	75-01-4	A	20	1	2.10E-02	2.10E-02	1.00E-02	1.90E-02	2.9E+01	8.9E+05	3.4E+01	6.1E+01		7.2E-04	2.4E-08	6.2E-04	3.4E-04
AOI-50	VOC	Xylenes (total)	1330-20-7	ID	20	6	3.00E-02	6.60E-01	1.80E-02	3.30E-02	5.4E+04	1.3E+08	1.5E+02	1.9E+05		1.2E-05	5.1E-09	4.4E-03	3.5E-06
AOI-50	SVOC	Acenaphthene	83-32-9		20	4	4.40E-02	3.90E+00	2.10E-02	2.20E-01	9.7E+04	6.2E+06	1.3E+05			4.0E-05	6.3E-07	3.0E-05	
AOI-50	SVOC	Acenaphthylene	208-96-8	D	20				2.10E-02	5.90E-01	2.7E+03	1.0E+06	5.2E+03						
AOI-50	SVOC	Acetophenone	98-86-2	D	20				2.00E-02	5.60E-01	5.2E+04	1.4E+07	1.1E+03	2.5E+06					
AOI-50	SVOC	Anthracene	120-12-7	D	20	5	1.50E-01	7.30E+00	2.00E-02	2.10E-01	1.6E+06	2.9E+07	7.3E+05			4.6E-06	2.5E-07	1.0E-05	
AOI-50	SVOC	Atrazine	1912-24-9	C	20				2.00E-02	5.60E-01			3.3E+02	6.5E+08					
AOI-50	SVOC	Benzaldehyde	100-52-7		20				2.30E-02	6.60E-01									

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-50	SVOC	Benzo(a)anthracene	56-55-3	B2	20	9	2.70E-02	1.50E+01	1.90E-02	1.90E-01			8.0E+01					1.9E-01	
AOI-50	SVOC	Benzo(a)pyrene	50-32-8	B2	20	9	2.90E-02	1.30E+01	2.00E-02	2.00E-01		1.9E+03	8.0E+00				6.8E-03	1.6E+00	
AOI-50	SVOC	Benzo(b)fluoranthene	205-99-2	B2	20	9	3.10E-02	1.70E+01	2.20E-02	2.30E-01			8.0E+01					2.1E-01	
AOI-50	SVOC	Benzo(g,h,i)perylene	191-24-2	D	20	8	3.40E-02	7.60E+00	2.40E-02	2.50E-01		3.5E+05	7.0E+03				2.2E-05	1.1E-03	
AOI-50	SVOC	Benzo(k)fluoranthene	207-08-9	B2	20	8	2.30E-02	8.70E+00	2.00E-02	2.00E-01			8.0E+02					1.1E-02	
AOI-50	SVOC	Biphenyl	92-52-4	D	20	1	6.40E-02	6.40E-02	2.30E-02	6.60E-01									
AOI-50	SVOC	bis(2-Chloroethoxy)methane	111-91-1	D	20				1.90E-02	5.30E-01									
AOI-50	SVOC	bis(2-Chloroethyl) ether	111-44-4	B2	20				2.00E-02	5.60E-01	1.3E+01	1.2E+04	5.8E+01	6.1E+05					
AOI-50	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	20				2.40E-02	6.90E-01		8.9E+05	1.0E+04	4.8E+12					
AOI-50	SVOC	4-Bromophenyl-phenyl ether	101-55-3	D	20				2.10E-02	5.90E-01									
AOI-50	SVOC	Butylbenzylphthalate	85-68-7	C	20				1.90E-02	5.30E-01		2.1E+07	3.1E+02						
AOI-50	SVOC	Caprolactam	105-60-2		20				2.30E-02	6.60E-01		2.9E+05	3.1E+05						
AOI-50	SVOC	Carbazole	86-74-8	B2	20	4	5.40E-02	3.70E+00	2.40E-02	2.50E-01			2.4E+03					1.5E-03	
AOI-50	SVOC	4-Chloro-3-methylphenol	59-50-7		20				2.00E-02	5.60E-01			1.5E+04						
AOI-50	SVOC	4-Chloroaniline	106-47-8		20				6.60E-03	1.90E-01									
AOI-50	SVOC	2-Chloronaphthalene	91-58-7		20				2.10E-02	5.90E-01			1.8E+05						
AOI-50	SVOC	2-Chlorophenol	95-57-8		20				2.00E-02	5.60E-01			4.5E+03						
AOI-50	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3		20				2.10E-02	5.90E-01									
AOI-50	SVOC	Chrysene	218-01-9	B2	20	11	2.40E-02	1.50E+01	1.90E-02	1.90E-01			8.0E+03					1.9E-03	
AOI-50	SVOC	Dibenz(a,h)anthracene	53-70-3	B2	20	5	8.40E-02	2.20E+00	2.30E-02	2.40E-01			8.0E+00					2.8E-01	
AOI-50	SVOC	Dibenzofuran	132-64-9	D	20	3	1.00E-01	2.80E+00	2.10E-02	2.20E-01									
AOI-50	SVOC	3,3'-Dichlorobenzidine	91-94-1	B2	20				1.00E-02	2.90E-01		8.2E+03	3.0E+01						
AOI-50	SVOC	2,4-Dichlorophenol	120-83-2		20				1.70E-02	5.00E-01		2.3E+06	1.8E+03						
AOI-50	SVOC	Diethylphthalate	84-66-2	D	20				2.20E-02	6.20E-01		1.5E+06	7.4E+02	2.4E+07					
AOI-50	SVOC	2,4-Dimethylphenol	105-67-9		20				3.50E-02	1.00E+00		2.1E+06	3.6E+04						
AOI-50	SVOC	Dimethylphthalate	131-11-3	D	20				2.10E-02	5.90E-01		1.5E+06	7.9E+02	2.3E+07					
AOI-50	SVOC	Di-n-butylphthalate	84-74-2	D	20	2	4.90E-02	2.10E-01	2.50E-02	7.20E-01		1.5E+06	7.6E+02	9.7E+10			1.4E-07	2.8E-04	2.2E-12
AOI-50	SVOC	4,6-Dinitro-2-methylphenol	534-52-1		20				8.00E-02	2.30E+00			2.6E+02						
AOI-50	SVOC	2,4-Dinitrophenol	51-28-5		20				1.10E-01	3.10E+00									
AOI-50	SVOC	2,4-Dinitrotoluene	121-14-2	B2	20				2.00E-02	5.60E-01		2.0E+04	2.2E+02						
AOI-50	SVOC	2,6-Dinitrotoluene	606-20-2	B2	20				2.00E-02	5.60E-01									
AOI-50	SVOC	Di-n-octylphthalate	117-84-0		20				2.00E-02	5.60E-01			2.0E+04						
AOI-50	SVOC	Fluoranthene	206-44-0	D	20	9	5.30E-02	4.20E+01	2.50E-02	2.60E-01	8.9E+05	4.1E+06	1.3E+05			4.7E-05	1.0E-05	3.2E-04	
AOI-50	SVOC	Fluorene	86-73-7	D	20	3	1.20E-01	3.20E+00	2.20E-02	2.30E-01	1.5E+05	4.1E+06	8.7E+04			2.1E-05	7.8E-07	3.7E-05	
AOI-50	SVOC	Hexachlorobenzene	118-74-1	B2	20				2.00E-02	5.60E-01	5.6E+01	8.5E+03	3.7E+01	5.7E+02					
AOI-50	SVOC	Hexachlorobutadiene	87-68-3	C	20				1.90E-02	5.30E-01	4.6E+02	1.8E+05	3.5E+02	8.9E+02					
AOI-50	SVOC	Hexachlorocyclopentadiene	77-47-4	E	20				1.60E-02	4.70E-01	6.0E+01	5.9E+03	7.2E+02	5.8E+03					
AOI-50	SVOC	Hexachloroethane	67-72-1	C	20				2.00E-02	5.60E-01	6.6E+02	1.0E+05	7.3E+02	7.5E+04					
AOI-50	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	20	8	2.90E-02	6.90E+00	2.40E-02	2.50E-01			8.0E+01					8.6E-02	
AOI-50	SVOC	Isophorone	78-59-1	C	20				2.10E-02	5.90E-01		8.2E+06	2.4E+03	2.0E+06					
AOI-50	SVOC	2-Methylnaphthalene	91-57-6	ID	20	2	2.50E-02	3.30E-01	2.00E-02	5.60E-01			2.6E+04					1.3E-05	
AOI-50	SVOC	Methylphenol (total)	1319-77-3		20	1	2.10E-02	2.10E-02	1.60E-02	4.70E-01		2.9E+06	3.6E+04	2.1E+07			7.2E-09	5.8E-07	1.0E-09
AOI-50	SVOC	Naphthalene	91-20-3	C	20	1	0.23	0.23	0.021	0.59	350	88000	52000	1.42E+06		6.6E-04	2.6E-06	4.4E-06	1.6E-07
AOI-50	SVOC	2-Nitroaniline	88-74-4		20				0.021	0.59									
AOI-50	SVOC	3-Nitroaniline	99-09-2	C	20				0.013	0.37									
AOI-50	SVOC	4-Nitroaniline	100-01-6	C	20				0.02	0.56				7.71E+07					
AOI-50	SVOC	Nitrobenzene	98-95-3	D	20				0.02	0.56	64	21000	340	1.45E+05					
AOI-50	SVOC	2-Nitrophenol	88-75-5		20				0.017	0.5			2000						
AOI-50	SVOC	4-Nitrophenol	100-02-7		20				0.12	3.4									
AOI-50	SVOC	N-Nitrosodiphenylamine	86-30-6	B2	20				0.022	0.62			7800						
AOI-50	SVOC	N-Nitroso-di-n-propylamine	621-64-7	B2	20				0.021	0.59		2000	5.4						
AOI-50	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	C	20				0.021	0.59									
AOI-50	SVOC	Pentachlorophenol	87-86-5	B2	20				0.095	2.7		130000	320	7.75E+07					
AOI-50	SVOC	Phenanthrene	85-01-8	D	20	8	0.038	38	0.022	0.23	190	2900	5200			2.0E-01	1.3E-02	7.3E-03	
AOI-50	SVOC	Phenol	108-95-2	ID	20				0.02	0.56		18000000	12000	2.13E+07					
AOI-50	SVOC	Pyrene	129-00-0	D	20	9	0.047	33	0.019	0.19	780000	2900000	84000			4.2E-05	1.1E-05	3.9E-04	
AOI-50	SVOC	2,4,5-Trichlorophenol	95-95-4		20				0.023	0.66		10000000	73000						
AOI-50	SVOC	2,4,6-Trichlorophenol	88-06-2	B2	20				0.019	0.53		1300000	3300						

Table C-1a: On-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Industrial Soil Volatilization to Ambient Air Criteria (mg/kg)	Industrial Particulate Inhalation Criteria (mg/kg)	Industrial Direct Contact Criteria (mg/kg)	Site Specific Industrial Volatilization to Indoor Air Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Industrial Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Industrial Particulate Inhalation Criteria	Ratio of Max Conc to Industrial Direct Contact Criteria	Ratio of Max Conc to Site Specific Industrial Volatilization to Indoor Air Criteria
AOI-50	P/PCB	PCBs (total)	1336-36-3	B2	20	1	0.0475	0.0475	0.023	0.027	810	6500	16	3.95E+05		5.9E-05	7.3E-06	3.0E-03	1.2E-07
AOI-50	INORG	Aluminum	7429-90-5	D	3	3	5780	6890					370000		7.39E+03				
AOI-50	INORG	Antimony	7440-36-0		3	2	0.34	0.41	0.26	0.26		5900	670		8.03E-01				
AOI-50	INORG	Arsenic	7440-38-2	A	3	3	7	11.3				910	37		6.80E+00		4.9E-03	1.2E-01	
AOI-50	INORG	Barium	7440-39-3	D	3	3	48	163				150000	130000		6.20E+01		6.7E-04	7.8E-04	
AOI-50	INORG	Beryllium	7440-41-7	B1	3	3	0.23	0.66				590	1600		3.14E-01		5.9E-04	2.2E-04	
AOI-50	INORG	Cadmium	7440-43-9	B1	3	3	0.21	0.74				2200	2100		1.36E+00				
AOI-50	INORG	Calcium	7440-70-2		3	3	15500	43900											
AOI-50	INORG	Chromium (total)	7440-47-3		3	3	11.8	17.9				240	9200		1.79E+01		9.3E-05	2.4E-06	
AOI-50	INORG	Cobalt	7440-48-4	B1	3	3	5.8	7.3				5900	9000		5.82E+00		2.5E-04	1.6E-04	
AOI-50	INORG	Copper	7440-50-8	D	3	3	12	53.4				59000	73000		5.94E+01				
AOI-50	INORG	Cyanide (total)	57-12-5	D	3	2	0.13	0.41	0.099	0.099		250	250				1.6E-03	1.6E-03	
AOI-50	INORG	Iron	7439-89-6	D	3	3	15300	16300					580000		1.55E+04			1.4E-03	
AOI-50	INORG	Lead	7439-92-1	B2	3	3	7.6	140				44000	900		6.78E+01		1.6E-03	8.0E-02	
AOI-50	INORG	Magnesium	7439-95-4		3	3	3060	15200				2900000	1000000				5.2E-03	1.5E-02	
AOI-50	INORG	Manganese	7439-96-5	D	3	3	203	373				1500	90000		5.21E+02				
AOI-50	INORG	Mercury	7439-97-6	D	3	1	0.46	0.46	0.018	0.018	62	8800	580	1.26E+04	1.91E-01	4.3E-03	3.1E-05	4.6E-04	2.1E-05
AOI-50	INORG	Nickel	7440-02-0	A	3	3	13.3	16.5				16000	150000		1.53E+01		7.4E-05	7.9E-06	
AOI-50	INORG	Potassium	7440-09-7		3	3	973	1030											
AOI-50	INORG	Selenium	7782-49-2	D	3				0.35	0.36		59000	9600		7.00E-01				
AOI-50	INORG	Silver	7440-22-4	D	3	1	0.12	0.12	0.11	0.12		2900	9000		1.00E+00				
AOI-50	INORG	Sodium	7440-23-5		3	3	83.6	317					1000000					3.2E-04	
AOI-50	INORG	Thallium	7440-28-0		3	3	0.97	1.8					130		9.30E-01			6.7E-03	
AOI-50	INORG	Vanadium	7440-62-2		3	3	17.4	19.4					5500		1.83E+01			2.0E-04	
AOI-50	INORG	Zinc	7440-66-6	D	3	3	38.1	310					630000		8.99E+01			3.5E-04	

Notes:

The Screening Criteria are MDEQ Part 201 Generic Cleanup Criteria (MDEQ 2002) or site-specific industrial criteria for the indoor air pathway .

The Screening Criteria for cis-1,2-Dichloroethene was used as a surrogate for 1,2-Dichloroethene (total).

The Screening Criteria for Chromium VI is used as a surrogate for Chromium (total).

The concentrations for the Methylphenol (2, 3, & 4) were summed before comparing to the Screening Criteria for 4-Methylphenol.

The concentrations for all PCB isomers were summed before comparing to the Screening Criteria.

The concentrations for the Xylene isomers (m/p and o) were summed before comparing to the Screening Criteria.

The concentrations for the 1,3-Dichloropropene isomers (cis and trans) were summed before comparing to the Screening Criteria.

The toxicity values that MDEQ used to calculate its screening criteria for 1,1-Dichloroethene (1,1-DCE) are different from the toxicity values for

Chem Group - Chemical Group

Carc Class - EPA Weight-of-Evidence Cancer Classification

A = Known Human Carcinogen-sufficient evidence of carcinogenicity in humans; B1 = Human Carcinogen-limited evidence of carcinogenicity in humans;

B2 = Probable Human Carcinogen-sufficient evidence of carcinogenicity in animals with inadequate or lack of evidence in humans; C = Possible Human Carcinogen-

limited evidence of carcinogenicity in animals and inadequate or lack of evidence in humans; D = Not classifiable as to human carcinogenicity;

ID = Data Are Inadequate for An Assessment of Human Carcinogenic Potential

Min QL - Minimum Quantitation Limit

Max QL - Maximum Quantitation Limit

The site-specific background concentrations were calculated using surface soil data from background sample locations.

Table C-1b: Off-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Residential Soil Volatilization to Indoor Air Criteria (mg/kg)	Residential Soil Volatilization to Ambient Air Criteria (mg/kg)	Residential Particulate Inhalation Criteria (mg/kg)	Residential Direct Contact Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Residential Soil Volatilization to Indoor Air Criteria	Ratio of Max Conc to Residential Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Residential Particulate Inhalation Criteria	Ratio of Max Conc to Residential Direct Contact Criteria
AOI-48	VOC	Acetone	67-64-1	ID	2	1	1.20E-01	1.20E-01	8.20E-02	8.20E-02	1.1E+05	1.3E+05	3.9E+08	2.3E+04		1.1E-06	9.2E-07	3.1E-10	5.2E-06
AOI-48	VOC	Benzene	71-43-2	A	2				1.80E-02	2.10E-02	1.6E+00	1.3E+01	3.8E+05	1.8E+02					
AOI-48	VOC	Bromodichloromethane	75-27-4	B2	2				1.10E-02	1.20E-02	1.2E+00	9.1E+00	8.4E+04	1.1E+02					
AOI-48	VOC	Bromoform	75-25-2	B2	2				1.70E-02	2.00E-02	1.5E+02	9.0E+02	2.8E+06	8.2E+02					
AOI-48	VOC	Bromomethane	74-83-9	D	2				2.80E-02	3.20E-02	8.6E-01	1.1E+01	3.3E+05	3.2E+02					
AOI-48	VOC	2-Butanone	78-93-3	ID	2				8.80E-02	9.90E-02	2.7E+04	2.9E+04	6.7E+07	2.7E+04					
AOI-48	VOC	Carbon Disulfide	75-15-0		2				3.80E-02	4.30E-02	7.6E+01	1.3E+03	4.7E+07	2.8E+02					
AOI-48	VOC	Carbon Tetrachloride	56-23-5	B2	2				1.10E-02	1.20E-02	1.9E-01	3.5E+00	1.3E+05	9.6E+01					
AOI-48	VOC	Chlorobenzene	108-90-7	D	2				8.80E-03	9.90E-03	1.2E+02	7.7E+02	4.7E+06	2.6E+02					
AOI-48	VOC	Chloroethane	75-00-3		2				4.00E-02	4.50E-02	9.5E+02	3.0E+04	6.7E+08	9.5E+02					
AOI-48	VOC	Chloroform	67-66-3	B2	2				1.10E-02	1.20E-02	7.2E+00	4.5E+01	1.3E+06	1.2E+03					
AOI-48	VOC	Chloromethane	74-87-3	D	2				1.60E-02	1.80E-02	2.3E+00	4.0E+01	4.9E+06	1.1E+03					
AOI-48	VOC	Cumene	98-82-8	D	2				8.60E-03	9.70E-03	3.9E+02	1.7E+03	5.8E+06	3.9E+02					
AOI-48	VOC	Cyclohexane	110-82-7	ID	2				9.20E-03	1.00E-02									
AOI-48	VOC	1,2-Dibromo-3-chloropropane	96-12-8	B2	2				8.80E-02	9.90E-02	1.2E+00	1.3E+01	1.3E+04	1.2E+00					
AOI-48	VOC	Dibromochloromethane	124-48-1	C	2				1.40E-02	1.60E-02	3.9E+00	2.4E+01	1.3E+05	1.1E+02					
AOI-48	VOC	1,2-Dibromoethane	106-93-4	B2	2				2.10E-02	2.30E-02	6.7E-01	1.7E+00	1.4E+04	2.5E-01					
AOI-48	VOC	1,2-Dichlorobenzene	95-50-1	D	2				1.70E-02	2.00E-02	2.1E+02	3.9E+04	1.0E+08	2.1E+02					
AOI-48	VOC	1,3-Dichlorobenzene	541-73-1	D	2				1.00E-02	1.20E-02				1.7E+02					
AOI-48	VOC	1,4-Dichlorobenzene	106-46-7	C	2				1.70E-02	2.00E-02	1.9E+01	7.7E+01	4.5E+05	4.0E+02					
AOI-48	VOC	Dichlorodifluoromethane	75-71-8		2				4.10E-02	4.70E-02	9.0E+02	5.3E+04	3.3E+09	1.0E+03					
AOI-48	VOC	1,1-Dichloroethane	75-34-3	C	2				1.50E-02	1.70E-02	2.3E+02	2.1E+03	3.3E+07	8.9E+02					
AOI-48	VOC	1,2-Dichloroethane	107-06-2	B2	2				1.20E-02	1.30E-02	2.1E+00	6.2E+00	1.2E+05	9.1E+01					
AOI-48	VOC	1,1-Dichloroethene	75-35-4	C	2				1.80E-02	2.10E-02	6.2E-02	1.1E+00	6.2E+04	2.0E+02					
AOI-48	VOC	cis-1,2-Dichloroethene	156-59-2	D	2				1.70E-02	2.00E-02	2.2E+01	1.8E+02	2.3E+06	6.4E+02					
AOI-48	VOC	trans-1,2-Dichloroethene	156-60-5		2				2.00E-02	2.20E-02	2.3E+01	2.8E+02	4.7E+06	1.4E+03					
AOI-48	VOC	1,2-Dichloropropane	78-87-5	B2	2				1.00E-02	1.20E-02	4.0E+00	2.5E+01	2.7E+05	1.4E+02					
AOI-48	VOC	1,3-Dichloropropene (total)	542-75-6	B2	2				1.30E-02	1.50E-02	1.0E+00	1.8E+01	7.8E+05	1.0E+01					
AOI-48	VOC	Ethyl Benzene	100-41-4	D	2	1	1.50E-02	1.50E-02	1.70E-02	1.70E-02	8.7E+01	7.2E+02	1.0E+07	1.4E+02		1.7E-04	2.1E-05	1.5E-09	1.1E-04
AOI-48	VOC	2-Hexanone	591-78-6		2				3.30E-02	3.70E-02	9.9E+02	1.1E+03	2.7E+06	2.5E+03					
AOI-48	VOC	Methyl Acetate	79-20-9		2				4.90E-02	5.50E-02									
AOI-48	VOC	Methyl tert-butyl ether	1634-04-4		2				1.20E-02	1.30E-02	5.9E+03	2.5E+04	2.0E+08	1.5E+03					
AOI-48	VOC	4-Methyl-2-pentanone	108-10-1	ID	2				3.20E-02	3.60E-02	2.7E+03	4.5E+04	1.4E+08	2.7E+03					
AOI-48	VOC	Methylcyclohexane	108-87-2		2				1.70E-02	2.00E-02									
AOI-48	VOC	Methylene Chloride	75-09-2	B2	2				4.50E-02	5.00E-02	4.5E+01	2.1E+02	6.6E+06	1.3E+03					
AOI-48	VOC	Styrene	100-42-5		2				1.80E-02	2.10E-02	2.5E+02	9.7E+02	5.5E+06	4.0E+02					
AOI-48	VOC	1,1,2,2-Tetrachloroethane	79-34-5	C	2				1.20E-02	1.30E-02	4.3E+00	1.0E+01	5.4E+04	5.3E+01					
AOI-48	VOC	Tetrachloroethene	127-18-4	C-B2	2				1.60E-02	1.80E-02	1.1E+01	1.8E+02	5.4E+06	8.8E+01					
AOI-48	VOC	Toluene	108-88-3	D	2	1	5.30E-02	5.30E-02	1.20E-02	1.20E-02	2.5E+02	2.8E+03	2.7E+07	2.5E+02		2.1E-04	1.9E-05	2.0E-09	2.1E-04
AOI-48	VOC	1,2,4-Trichlorobenzene	120-82-1	D	2				1.20E-02	1.30E-02	1.1E+03	2.8E+04	2.5E+07	9.9E+02					
AOI-48	VOC	1,1,1-Trichloroethane	71-55-6	D	2				1.10E-02	1.20E-02	2.5E+02	3.8E+03	6.7E+07	4.6E+02					
AOI-48	VOC	1,1,2-Trichloroethane	79-00-5	C	2				1.70E-02	2.00E-02	4.6E+00	1.7E+01	1.9E+05	1.8E+02					
AOI-48	VOC	Trichloroethene	79-01-6	C-B2	2				1.80E-02	2.10E-02	7.1E+00	7.8E+01	1.8E+06	5.0E+02					
AOI-48	VOC	Trichlorofluoromethane	75-69-4		2				2.10E-02	2.30E-02	5.6E+02	9.2E+04	3.8E+09	5.6E+02					
AOI-48	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		2				4.00E-02	4.50E-02	5.5E+02	1.8E+05	5.1E+09	5.5E+02					
AOI-48	VOC	Vinyl Chloride	75-01-4	A	2				1.20E-02	1.30E-02	2.7E-01	4.2E+00	3.5E+05	3.8E+00					
AOI-48	VOC	Xylenes (total)	1330-20-7	ID	2	1	1.00E-01	1.00E-01	2.30E-02	2.30E-02	1.5E+02	4.6E+04	2.9E+08	1.5E+02		6.7E-04	2.2E-06	3.4E-10	6.7E-04
AOI-48	SVOC	Acenaphthene	83-32-9		2				6.00E-02	6.40E-02	1.9E+05	8.1E+04	1.4E+07	4.1E+04					
AOI-48	SVOC	Acenaphthylene	208-96-8	D	2				5.60E-02	5.90E-02	1.6E+03	2.2E+03	2.3E+06	1.6E+03					
AOI-48	SVOC	Acetophenone	98-86-2	D	2				5.90E-02	6.30E-02	1.1E+03	4.4E+04	3.3E+07	1.1E+03					
AOI-48	SVOC	Anthracene	120-12-7	D	2				5.80E-02	6.20E-02	1.0E+06	1.4E+06	6.7E+07	2.3E+05					
AOI-48	SVOC	Atrazine	1912-24-9		2				1.80E-01	1.90E-01				7.1E+01					
AOI-48	SVOC	Benzaldehyde	100-52-7		2				2.00E-01	2.10E-01									
AOI-48	SVOC	Benzo(a)anthracene	56-55-3	B2	2				6.50E-02	6.90E-02				2.0E+01					
AOI-48	SVOC	Benzo(a)pyrene	50-32-8	B2	2				7.10E-02	7.60E-02			1.5E+03	2.0E+00					
AOI-48	SVOC	Benzo(b)fluoranthene	205-99-2	B2	2				6.90E-02	7.30E-02				2.0E+01					
AOI-48	SVOC	Benzo(g,h,i)perylene	191-24-2	D	2				6.50E-02	6.90E-02			8.0E+05	2.5E+03					
AOI-48	SVOC	Benzo(k)fluoranthene	207-08-9	B2	2				6.30E-02	6.70E-02				2.0E+02					
AOI-48	SVOC	Biphenyl	92-52-4	D	2				1.70E-01	1.80E-01									
AOI-48	SVOC	bis(2-Chloroethoxy)methane	111-91-1	D	2				5.60E-02	5.90E-02									
AOI-48	SVOC	bis(2-Chloroethyl) ether	111-44-4	B2	2				6.00E-02	6.40E-02	8.3E+00	3.8E+00	9.4E+03	1.3E+01					

Table C-1b: Off-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Residential Soil Volatilization to Indoor Air Criteria (mg/kg)	Residential Soil Volatilization to Ambient Air Criteria (mg/kg)	Residential Particulate Inhalation Criteria (mg/kg)	Residential Direct Contact Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Residential Soil Volatilization to Indoor Air Criteria	Ratio of Max Conc to Residential Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Residential Particulate Inhalation Criteria	Ratio of Max Conc to Residential Direct Contact Criteria
AOI-48	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	2				6.40E-02	6.80E-02			7.0E+05	2.8E+03					
AOI-48	SVOC	4-Bromophenyl-phenyl ether	101-55-3	D	2				7.20E-02	7.70E-02									
AOI-48	SVOC	Butylbenzylphthalate	85-68-7	C	2				6.00E-02	6.40E-02			4.7E+07	3.1E+02					
AOI-48	SVOC	Caprolactam	105-60-2		2				2.10E-01	2.30E-01			6.7E+05	5.3E+04					
AOI-48	SVOC	Carbazole	86-74-8	B2	2				6.10E-02	6.60E-02				5.3E+02					
AOI-48	SVOC	4-Chloro-3-methylphenol	59-50-7		2				6.00E-02	6.40E-02				4.5E+03					
AOI-48	SVOC	4-Chloroaniline	106-47-8		2				6.00E-02	6.40E-02									
AOI-48	SVOC	2-Chloronaphthalene	91-58-7		2				5.70E-02	6.10E-02				5.6E+04					
AOI-48	SVOC	2-Chlorophenol	95-57-8		2				6.10E-02	6.60E-02				1.4E+03					
AOI-48	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3		2				6.10E-02	6.60E-02									
AOI-48	SVOC	Chrysene	218-01-9	B2	2				5.40E-02	5.80E-02				2.0E+03					
AOI-48	SVOC	Dibenz(a,h)anthracene	53-70-3	B2	2				6.00E-02	6.40E-02				2.0E+00					
AOI-48	SVOC	Dibenzofuran	132-64-9	D	2				5.90E-02	6.30E-02									
AOI-48	SVOC	3,3'-Dichlorobenzidine	91-94-1	B2	2				4.60E-02	4.90E-02			6.5E+03	6.6E+00					
AOI-48	SVOC	2,4-Dichlorophenol	120-83-2		2				5.90E-02	6.30E-02			5.1E+06	6.6E+02					
AOI-48	SVOC	Diethylphthalate	84-66-2	D	2				1.80E-01	1.90E-01			3.3E+06	7.4E+02					
AOI-48	SVOC	2,4-Dimethylphenol	105-67-9		2				9.50E-02	1.00E-01			4.7E+06	1.1E+04					
AOI-48	SVOC	Dimethylphthalate	131-11-3	D	2				1.90E-01	2.00E-01			3.3E+06	7.9E+02					
AOI-48	SVOC	Di-n-butylphthalate	84-74-2	D	2				1.80E-01	1.90E-01			3.3E+06	7.6E+02					
AOI-48	SVOC	4,6-Dinitro-2-methylphenol	534-52-1		2				1.90E-01	2.00E-01				7.9E+01					
AOI-48	SVOC	2,4-Dinitrophenol	51-28-5		2				1.30E-01	1.40E-01									
AOI-48	SVOC	2,4-Dinitrotoluene	121-14-2	B2	2				5.40E-02	5.80E-02			1.6E+04	4.8E+01					
AOI-48	SVOC	2,6-Dinitrotoluene	606-20-2	B2	2				5.70E-02	6.10E-02									
AOI-48	SVOC	Di-n-octylphthalate	117-84-0		2				6.40E-02	6.80E-02				6.9E+03					
AOI-48	SVOC	Fluoranthene	206-44-0	D	2				6.60E-02	7.10E-02	1.0E+06	7.4E+05	9.3E+06	4.6E+04					
AOI-48	SVOC	Fluorene	86-73-7	D	2				5.70E-02	6.10E-02	5.8E+05	1.3E+05	9.3E+06	2.7E+04					
AOI-48	SVOC	Hexachlorobenzene	118-74-1	B2	2				6.60E-02	7.10E-02	4.1E+01	1.7E+01	6.8E+03	8.9E+00					
AOI-48	SVOC	Hexachlorobutadiene	87-68-3	C	2				5.30E-02	5.70E-02	1.3E+02	1.3E+02	1.4E+05	1.0E+02					
AOI-48	SVOC	Hexachlorocyclopentadiene	77-47-4	E	2				7.10E-02	7.60E-02	3.0E+01	5.0E+01	1.3E+04	7.2E+02					
AOI-48	SVOC	Hexachloroethane	67-72-1	C	2				5.70E-02	6.10E-02	4.0E+01	5.5E+02	2.3E+05	2.3E+02					
AOI-48	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	2				8.30E-02	8.80E-02				2.0E+01					
AOI-48	SVOC	Isophorone	78-59-1	C	2				5.20E-02	5.60E-02			1.2E+07	2.4E+03					
AOI-48	SVOC	2-Methylnaphthalene	91-57-6	ID	2				5.70E-02	6.10E-02				8.1E+03					
AOI-48	SVOC	Methylphenol (total)	1319-77-3		2				5.60E-02	5.90E-02			6.7E+06	1.1E+04					
AOI-48	SVOC	Naphthalene	91-20-3	C	2				5.80E-02	6.20E-02	2.5E+02	3.0E+02	2.0E+05	1.6E+04					
AOI-48	SVOC	2-Nitroaniline	88-74-4		2				5.40E-02	5.80E-02									
AOI-48	SVOC	3-Nitroaniline	99-09-2	C	2				1.70E-01	1.80E-01									
AOI-48	SVOC	4-Nitroaniline	100-01-6	C	2				8.00E-02	8.60E-02									
AOI-48	SVOC	Nitrobenzene	98-95-3	D	2				5.40E-02	5.80E-02	9.1E+01	5.4E+01	4.7E+04	1.0E+02					
AOI-48	SVOC	2-Nitrophenol	88-75-5		2				5.40E-02	5.80E-02				6.3E+02					
AOI-48	SVOC	4-Nitrophenol	100-02-7		2				2.20E-01	2.40E-01									
AOI-48	SVOC	N-Nitrosodiphenylamine	86-30-6	B2	2				5.80E-02	6.20E-02				1.7E+03					
AOI-48	SVOC	N-Nitroso-di-n-propylamine	621-64-7	B2	2				5.20E-02	5.60E-02			1.6E+03	1.2E+00					
AOI-48	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	C	2				6.10E-02	6.60E-02									
AOI-48	SVOC	Pentachlorophenol	87-86-5	B2	2				1.40E-01	1.50E-01			1.0E+05	9.0E+01					
AOI-48	SVOC	Phenanthrene	85-01-8	D	2				6.10E-02	6.60E-02	2.8E+03	1.6E+02	6.7E+03	1.6E+03					
AOI-48	SVOC	Phenol	108-95-2	ID	2				5.80E-02	6.20E-02			4.0E+07	1.2E+04					
AOI-48	SVOC	Pyrene	129-00-0	D	2				6.00E-02	6.40E-02	1.0E+06	6.5E+05	6.7E+06	2.9E+04					
AOI-48	SVOC	2,4,5-Trichlorophenol	95-95-4		2				6.50E-02	6.90E-02			2.3E+07	2.3E+04					
AOI-48	SVOC	2,4,6-Trichlorophenol	88-06-2	B2	2				7.50E-02	8.00E-02			1.0E+06	7.1E+02					
AOI-48	P/PCB	PCBs (total)	1336-36-3	B2	2				2.40E-02	2.50E-02	3.0E+03	2.4E+02	5.2E+03	4.0E+00					
AOI-48	INORG	Aluminum	7429-90-5	D	2	2	1.99E+03	1.34E+04						5.0E+04	7.4E+03				1.2E-01
AOI-48	INORG	Antimony	7440-36-0		2	1	1.40E+00	1.40E+00	6.20E-01	6.20E-01			1.3E+04	1.8E+02	8.0E-01			4.6E-05	3.3E-03
AOI-48	INORG	Arsenic	7440-38-2	A	2	2	3.60E+00	1.10E+01					7.2E+02	7.6E+00	6.8E+00			5.8E-03	5.5E-01
AOI-48	INORG	Barium	7440-39-3	D	2	2	2.72E+01	7.63E+01					3.3E+05	3.7E+04	6.2E+01			4.3E-05	3.9E-04
AOI-48	INORG	Beryllium	7440-41-7	B1	2	1	5.80E-01	5.80E-01	5.40E-02	5.40E-02			1.3E+03	4.1E+02	3.1E-01			2.0E-04	6.5E-04
AOI-48	INORG	Cadmium	7440-43-9	B1	2	2	1.50E-01	1.70E-01					1.7E+03	5.5E+02	1.4E+00				
AOI-48	INORG	Calcium	7440-70-2		2	2	4.40E+03	2.17E+04											
AOI-48	INORG	Chromium (total)	7440-47-3		2	2	2.17E+01	2.30E+01					2.6E+02	2.5E+03	1.8E+01			2.0E-02	2.0E-03
AOI-48	INORG	Cobalt	7440-48-4	B1	2	2	3.30E+00	1.29E+01					1.3E+04	2.6E+03	5.8E+00			5.4E-04	2.7E-03
AOI-48	INORG	Copper	7440-50-8	D	2	2	1.92E+01	9.48E+01					1.3E+05	2.0E+04	5.9E+01			2.7E-04	1.8E-03

Table C-1b: Off-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Residential Soil Volatilization to Indoor Air Criteria (mg/kg)	Residential Soil Volatilization to Ambient Air Criteria (mg/kg)	Residential Particulate Inhalation Criteria (mg/kg)	Residential Direct Contact Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Residential Soil Volatilization to Indoor Air Criteria	Ratio of Max Conc to Residential Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Residential Particulate Inhalation Criteria	Ratio of Max Conc to Residential Direct Contact Criteria
AOI-48	INORG	Cyanide (total)	57-12-5	D	2				2.00E-01	2.10E-01			2.5E+02	1.2E+01					
AOI-48	INORG	Iron	7439-89-6	D	2	2	1.76E+04	2.79E+04						1.6E+05	1.5E+04				7.8E-02
AOI-48	INORG	Lead	7439-92-1	B2	2	2	1.23E+01	2.47E+01					1.0E+05	4.0E+02	6.8E+01				
AOI-48	INORG	Magnesium	7439-95-4		2	2	1.22E+03	1.52E+04					6.7E+06	1.0E+06				2.3E-03	1.5E-02
AOI-48	INORG	Manganese	7439-96-5	D	2	2	2.40E+02	5.06E+02					3.3E+03	2.5E+04	5.2E+02				
AOI-48	INORG	Mercury	7439-97-6	D	2	2	3.60E-02	1.40E-01			4.8E+01	5.2E+01	2.0E+04	1.6E+02	1.9E-01				
AOI-48	INORG	Nickel	7440-02-0	A	2	2	1.73E+01	3.05E+01					1.3E+04	4.0E+04	1.5E+01			1.2E-03	3.8E-04
AOI-48	INORG	Potassium	7440-09-7		2	2	1.85E+02	1.26E+03											
AOI-48	INORG	Selenium	7782-49-2	D	2				3.70E-01	3.90E-01			1.3E+05	2.6E+03	7.0E-01				
AOI-48	INORG	Silver	7440-22-4	D	2				1.80E-01	1.90E-01			6.7E+03	2.5E+03	1.0E+00				
AOI-48	INORG	Sodium	7440-23-5		2	2	1.14E+02	4.01E+02						1.0E+06					4.0E-04
AOI-48	INORG	Thallium	7440-28-0		2	1	1.10E+00	1.10E+00	5.90E-01	5.90E-01				3.5E+01	9.3E-01				4.9E-03
AOI-48	INORG	Vanadium	7440-62-2		2	2	7.00E+00	3.17E+01						7.5E+02	1.8E+01				1.8E-02
AOI-48	INORG	Zinc	7440-66-6	D	2	2	5.31E+01	7.97E+01						1.7E+05	9.0E+01				
AOI-48 (NW)	VOC	Acetone	67-64-1	ID	20	5	5.80E-02	1.50E-01	5.50E-02	6.70E-02	1.1E+05	1.3E+05	3.9E+08	2.3E+04		1.4E-06	1.2E-06	3.8E-10	6.5E-06
AOI-48 (NW)	VOC	Benzene	71-43-2	A	20	1	1.20E-02	1.20E-02	7.90E-03	9.70E-03	1.6E+00	1.3E+01	3.8E+05	1.8E+02		7.5E-03	9.2E-04	3.2E-08	6.7E-05
AOI-48 (NW)	VOC	Bromodichloromethane	75-27-4	B2	20				9.30E-03	1.10E-02	1.2E+00	9.1E+00	8.4E+04	1.1E+02					
AOI-48 (NW)	VOC	Bromoform	75-25-2	B2	20				1.30E-02	1.50E-02	1.5E+02	9.0E+02	2.8E+06	8.2E+02					
AOI-48 (NW)	VOC	Bromomethane	74-83-9	D	20				4.80E-02	5.90E-02	8.6E-01	1.1E+01	3.3E+05	3.2E+02					
AOI-48 (NW)	VOC	2-Butanone	78-93-3	ID	20				5.90E-02	7.30E-02	2.7E+04	2.9E+04	6.7E+07	2.7E+04					
AOI-48 (NW)	VOC	Carbon Disulfide	75-15-0		20				5.10E-03	6.30E-03	7.6E+01	1.3E+03	4.7E+07	2.8E+02					
AOI-48 (NW)	VOC	Carbon Tetrachloride	56-23-5	B2	20				1.60E-02	2.00E-02	1.9E-01	3.5E+00	1.3E+05	9.6E+01					
AOI-48 (NW)	VOC	Chlorobenzene	108-90-7	D	20				6.60E-03	8.10E-03	1.2E+02	7.7E+02	4.7E+06	2.6E+02					
AOI-48 (NW)	VOC	Chloroethane	75-00-3		20				5.40E-02	6.60E-02	9.5E+02	3.0E+04	6.7E+08	9.5E+02					
AOI-48 (NW)	VOC	Chloroform	67-66-3	B2	20				1.40E-02	1.70E-02	7.2E+00	4.5E+01	1.3E+06	1.2E+03					
AOI-48 (NW)	VOC	Chloromethane	74-87-3	D	20				1.60E-02	2.00E-02	2.3E+00	4.0E+01	4.9E+06	1.1E+03					
AOI-48 (NW)	VOC	Cumene	98-82-8	D	20				9.70E-03	1.20E-02	3.9E+02	1.7E+03	5.8E+06	3.9E+02					
AOI-48 (NW)	VOC	Cyclohexane	110-82-7	ID	20	1	1.70E-02	1.70E-02	7.10E-03	8.70E-03									
AOI-48 (NW)	VOC	1,2-Dibromo-3-chloropropane	96-12-8	B2	20				2.60E-02	3.20E-02	1.2E+00	1.3E+01	1.3E+04	1.2E+00					
AOI-48 (NW)	VOC	Dibromochloromethane	124-48-1	C	20				1.30E-02	1.50E-02	3.9E+00	2.4E+01	1.3E+05	1.1E+02					
AOI-48 (NW)	VOC	1,2-Dibromoethane	106-93-4	B2	20				8.70E-03	1.10E-02	6.7E-01	1.7E+00	1.4E+04	2.5E-01					
AOI-48 (NW)	VOC	1,2-Dichlorobenzene	95-50-1	D	20				7.90E-03	9.70E-03	2.1E+02	3.9E+04	1.0E+08	2.1E+02					
AOI-48 (NW)	VOC	1,3-Dichlorobenzene	541-73-1	D	20				9.50E-03	1.20E-02				1.7E+02					
AOI-48 (NW)	VOC	1,4-Dichlorobenzene	106-46-7	C	20				9.80E-03	1.20E-02	1.9E+01	7.7E+01	4.5E+05	4.0E+02					
AOI-48 (NW)	VOC	Dichlorodifluoromethane	75-71-8		20				2.60E-02	3.20E-02	9.0E+02	5.3E+04	3.3E+09	1.0E+03					
AOI-48 (NW)	VOC	1,1-Dichloroethane	75-34-3	C	20				1.30E-02	1.50E-02	2.3E+02	2.1E+03	3.3E+07	8.9E+02					
AOI-48 (NW)	VOC	1,2-Dichloroethane	107-06-2	B2	20				1.50E-02	1.80E-02	2.1E+00	6.2E+00	1.2E+05	9.1E+01					
AOI-48 (NW)	VOC	1,1-Dichloroethene	75-35-4	C	20				9.00E-03	1.10E-02	6.2E-02	1.1E+00	6.2E+04	2.0E+02					
AOI-48 (NW)	VOC	cis-1,2-Dichloroethene	156-59-2	D	20	2	5.00E-02	6.40E-01	8.90E-03	1.10E-02	2.2E+01	1.8E+02	2.3E+06	6.4E+02		2.9E-02	3.6E-03	2.8E-07	1.0E-03
AOI-48 (NW)	VOC	trans-1,2-Dichloroethene	156-60-5		20				1.10E-02	1.40E-02	2.3E+01	2.8E+02	4.7E+06	1.4E+03					
AOI-48 (NW)	VOC	1,2-Dichloropropane	78-87-5	B2	20				1.10E-02	1.30E-02	4.0E+00	2.5E+01	2.7E+05	1.4E+02					
AOI-48 (NW)	VOC	1,3-Dichloropropene (total)	542-75-6	B2	20				8.80E-03	1.10E-02	1.0E+00	1.8E+01	7.8E+05	1.0E+01					
AOI-48 (NW)	VOC	Ethyl Benzene	100-41-4	D	20				7.40E-03	9.10E-03	8.7E+01	7.2E+02	1.0E+07	1.4E+02					
AOI-48 (NW)	VOC	2-Hexanone	591-78-6		20				1.80E-02	2.20E-02	9.9E+02	1.1E+03	2.7E+06	2.5E+03					
AOI-48 (NW)	VOC	Methyl Acetate	79-20-9		20	4	3.60E-02	2.40E-01	2.70E-02	3.40E-02									
AOI-48 (NW)	VOC	Methyl tert-butyl ether	1634-04-4		20				9.30E-03	1.10E-02	5.9E+03	2.5E+04	2.0E+08	1.5E+03					
AOI-48 (NW)	VOC	4-Methyl-2-pentanone	108-10-1	ID	20				2.70E-02	3.40E-02	2.7E+03	4.5E+04	1.4E+08	2.7E+03					
AOI-48 (NW)	VOC	Methylcyclohexane	108-87-2		20	2	1.20E-02	3.60E-02	1.00E-02	1.20E-02									
AOI-48 (NW)	VOC	Methylene Chloride	75-09-2	B2	20				1.80E-02	2.20E-02	4.5E+01	2.1E+02	6.6E+06	1.3E+03					
AOI-48 (NW)	VOC	Styrene	100-42-5		20				8.20E-03	1.00E-02	2.5E+02	9.7E+02	5.5E+06	4.0E+02					
AOI-48 (NW)	VOC	1,1,2,2-Tetrachloroethane	79-34-5	C	20				1.10E-02	1.40E-02	4.3E+00	1.0E+01	5.4E+04	5.3E+01					
AOI-48 (NW)	VOC	Tetrachloroethene	127-18-4	C-B2	20				1.30E-02	1.50E-02	1.1E+01	1.8E+02	5.4E+06	8.8E+01					
AOI-48 (NW)	VOC	Toluene	108-88-3	D	20				6.40E-03	7.80E-03	2.5E+02	2.8E+03	2.7E+07	2.5E+02					
AOI-48 (NW)	VOC	1,2,4-Trichlorobenzene	120-82-1	D	20				1.30E-02	1.50E-02	1.1E+03	2.8E+04	2.5E+07	9.9E+02					
AOI-48 (NW)	VOC	1,1,1-Trichloroethane	71-55-6	D	20				1.00E-02	1.20E-02	2.5E+02	3.8E+03	6.7E+07	4.6E+02					
AOI-48 (NW)	VOC	1,1,2-Trichloroethane	79-00-5	C	20				9.00E-03	1.10E-02	4.6E+00	1.7E+01	1.9E+05	1.8E+02					
AOI-48 (NW)	VOC	Trichloroethene	79-01-6	C-B2	20	1	2.40E+00	2.40E+00	9.90E-03	1.20E-02	7.1E+00	7.8E+01	1.8E+06	5.0E+02		3.4E-01	3.1E-02	1.3E-06	4.8E-03
AOI-48 (NW)	VOC	Trichlorofluoromethane	75-69-4		20				1.00E-02	1.20E-02	5.6E+02	9.2E+04	3.8E+09	5.6E+02					
AOI-48 (NW)	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		20				3.30E-02	4.10E-02	5.5E+02	1.8E+05	5.1E+09	5.5E+02					
AOI-48 (NW)	VOC	Vinyl Chloride	75-01-4	A	20				1.30E-02	1.50E-02	2.7E-01	4.2E+00	3.5E+05	3.8E+00					
AOI-48 (NW)	VOC	Xylenes (total)	1330-20-7	ID	20				2.20E-02	2.70E-02	1.5E+02	4.6E+04	2.9E+08	1.5E+02					

Table C-1b: Off-Site Soil Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)	Residential Soil Volatilization to Indoor Air Criteria (mg/kg)	Residential Soil Volatilization to Ambient Air Criteria (mg/kg)	Residential Particulate Inhalation Criteria (mg/kg)	Residential Direct Contact Criteria (mg/kg)	Site Specific Background (mg/kg)	Ratio of Max Conc to Residential Soil Volatilization to Indoor Air Criteria	Ratio of Max Conc to Residential Soil Volatilization to Ambient Air Criteria	Ratio of Max Conc to Residential Particulate Inhalation Criteria	Ratio of Max Conc to Residential Direct Contact Criteria
AOI-48 (NW)	INORG	Aluminum	7429-90-5	D	2				5.60E+00	6.20E+00				5.0E+04	7.4E+03				
AOI-48 (NW)	INORG	Antimony	7440-36-0		2	2	3.60E-01	5.90E-01					1.3E+04	1.8E+02	8.0E-01				
AOI-48 (NW)	INORG	Arsenic	7440-38-2	A	2	2	5.70E+00	9.60E+00					7.2E+02	7.6E+00	6.8E+00				
AOI-48 (NW)	INORG	Barium	7440-39-3	D	2	2	4.19E+01	5.80E+01					3.3E+05	3.7E+04	6.2E+01				
AOI-48 (NW)	INORG	Beryllium	7440-41-7	B1	2	2	3.40E-01	5.10E-01					1.3E+03	4.1E+02	3.1E-01				
AOI-48 (NW)	INORG	Cadmium	7440-43-9	B1	2	1	3.20E-02	3.20E-02	1.90E-02	1.90E-02			1.7E+03	5.5E+02	1.4E+00				
AOI-48 (NW)	INORG	Calcium	7440-70-2		2	2	2.07E+03	2.58E+03											
AOI-48 (NW)	INORG	Chromium (total)	7440-47-3		2	2	9.50E+00	1.48E+01					2.6E+02	2.5E+03	1.8E+01				
AOI-48 (NW)	INORG	Cobalt	7440-48-4	B1	2	2	5.70E+00	6.80E+00					1.3E+04	2.6E+03	5.8E+00				
AOI-48 (NW)	INORG	Copper	7440-50-8	D	2	2	9.20E+00	1.25E+01					1.3E+05	2.0E+04	5.9E+01				
AOI-48 (NW)	INORG	Cyanide (total)	57-12-5	D	2				1.00E-01	1.10E-01			2.5E+02	1.2E+01					
AOI-48 (NW)	INORG	Iron	7439-89-6	D	2	2	1.23E+04	2.12E+04						1.6E+05	1.5E+04				
AOI-48 (NW)	INORG	Lead	7439-92-1	B2	2	2	9.40E+00	1.52E+01					1.0E+05	4.0E+02	6.8E+01				
AOI-48 (NW)	INORG	Magnesium	7439-95-4		2	2	1.52E+03	2.96E+03					6.7E+06	1.0E+06					
AOI-48 (NW)	INORG	Manganese	7439-96-5	D	2	2	2.25E+02	3.28E+02					3.3E+03	2.5E+04	5.2E+02				
AOI-48 (NW)	INORG	Mercury	7439-97-6	D	2	2	3.40E-02	3.70E-02			4.8E+01	5.2E+01	2.0E+04	1.6E+02	1.9E-01				
AOI-48 (NW)	INORG	Nickel	7440-02-0	A	2	2	9.10E+00	1.85E+01					1.3E+04	4.0E+04	1.5E+01				
AOI-48 (NW)	INORG	Potassium	7440-09-7		2	2	6.57E+02	9.25E+02											
AOI-48 (NW)	INORG	Selenium	7782-49-2	D	2	2	3.70E-01	7.00E-01					1.3E+05	2.6E+03	7.0E-01				
AOI-48 (NW)	INORG	Silver	7440-22-4	D	2				1.20E-01	1.30E-01			6.7E+03	2.5E+03	1.0E+00				
AOI-48 (NW)	INORG	Sodium	7440-23-5		2				4.68E+01	5.17E+01				1.0E+06					
AOI-48 (NW)	INORG	Thallium	7440-28-0		2				6.80E-01	7.50E-01				3.5E+01	9.3E-01				
AOI-48 (NW)	INORG	Vanadium	7440-62-2		2	2	1.70E+01	2.42E+01						7.5E+02	1.8E+01				
AOI-48 (NW)	INORG	Zinc	7440-66-6	D	2	2	4.64E+01	5.73E+01						1.7E+05	9.0E+01				

Notes:

The Screening Criteria are MDEQ Part 201 Generic Screening Values (MDEQ 2002).

The Screening Criteria for cis-1,2-Dichloroethene was used as a surrogate for 1,2-Dichloroethene (total).

The Screening Criteria for Chromium VI is used as surrogate for Chromium (total).

The concentrations for the Methylphenol (2, 3, & 4) were summed before comparing to the Screening Criteria for 4-Methylphenol.

The concentrations for all PCB isomers were summed before comparing to the Screening Criteria.

The concentrations for the Xylene isomers (m/p and o) were summed before comparing to the Screening Criteria.

The concentrations for the 1,3-Dichloropropene isomers (cis and trans) were summed before comparing to the Screening Criteria.

Chem Group - Chemical Group

Carc Class - EPA Weight-of-Evidence Cancer Classification

A = Known Human Carcinogen-sufficient evidence of carcinogenicity in humans; B1 = Human Carcinogen-limited evidence of carcinogenicity in humans;

B2 = Probable Human Carcinogen-sufficient evidence of carcinogenicity in animals with inadequate or lack of evidence in humans; C = Possible Human Carcinogen-

limited evidence of carcinogenicity in animals and inadequate or lack of evidence in humans; D = Not classifiable as to human carcinogenicity;

ID = Data Are Inadequate for An Assessment of Human Carcinogenic Potential

Min QL - Minimum Quantitation Limit

Max QL - Maximum Quantitation Limit

The site-specific background concentrations were calculated using surface soil data from background sample locations.

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-08	Zone1	INORG	Aluminum	7429-90-5	TOTAL	D	1	1	3.80E-01	3.80E-01			4.1E+00	6.4E+04		9.3E-02	5.9E-06	
AOI-08	Zone1	INORG	Antimony	7440-36-0	TOTAL		1				3.40E-03	3.40E-03	6.0E-03	6.8E+01				
AOI-08	Zone1	INORG	Arsenic	7440-38-2	TOTAL	A	1				2.10E-03	2.10E-03	5.0E-02	4.3E+00				
AOI-08	Zone1	INORG	Barium	7440-39-3	TOTAL	D	1	1	7.80E-02	7.80E-02			2.0E+00	1.4E+04		3.9E-02	5.6E-06	
AOI-08	Zone1	INORG	Beryllium	7440-41-7	TOTAL	B1	1				6.00E-04	6.00E-04	4.0E-03	2.9E+02				
AOI-08	Zone1	INORG	Cadmium	7440-43-9	TOTAL	B1	1	1	5.00E-04	5.00E-04			5.0E-03	1.9E+02		1.0E-01	2.6E-06	
AOI-08	Zone1	INORG	Calcium	7440-70-2	TOTAL		1	1	1.09E+02	1.09E+02								
AOI-08	Zone1	INORG	Chromium III	16065-83-1	TOTAL	D	1				1.50E-03	1.50E-03	1.1E+02	2.9E+05				
AOI-08	Zone1	INORG	Chromium VI	18540-29-9	TOTAL	A	1	1	7.00E+00	7.00E+00			1.0E-01	4.6E+02		7.0E+01	1.5E-02	
AOI-08	Zone1	INORG	Cobalt	7440-48-4	TOTAL	B1	1	1	4.00E-03	4.00E-03			1.0E-01	2.4E+03		4.0E-02	1.7E-06	
AOI-08	Zone1	INORG	Copper	7440-50-8	TOTAL	D	1	1	1.20E-02	1.20E-02			4.0E+00	7.4E+03		3.0E-03	1.6E-06	
AOI-08	Zone1	INORG	Cyanide (total)	57-12-5	TOTAL	D	1	1	2.20E-03	2.20E-03			2.0E-01	5.7E+01		1.1E-02	3.9E-05	
AOI-08	Zone1	INORG	Iron	7439-89-6	TOTAL	D	1	1	8.40E-01	8.40E-01			5.6E+00	5.8E+04		1.5E-01	1.4E-05	
AOI-08	Zone1	INORG	Lead	7439-92-1	TOTAL	B2	1				1.60E-03	1.60E-03	4.0E-03					
AOI-08	Zone1	INORG	Magnesium	7439-95-4	TOTAL		1	1	4.92E+01	4.92E+01			1.1E+03	1.0E+06		4.5E-02	4.9E-05	
AOI-08	Zone1	INORG	Manganese	7439-96-5	TOTAL	D	1	1	1.90E-01	1.90E-01			2.5E+00	9.1E+03		7.6E-02	2.1E-05	
AOI-08	Zone1	INORG	Mercury	7439-97-6	TOTAL	D	1				8.70E-05	8.70E-05	2.0E-03	5.6E-02	4.6E+01			
AOI-08	Zone1	INORG	Nickel	7440-02-0	TOTAL	A	1	1	9.90E-03	9.90E-03			1.0E-01	7.4E+04		9.9E-02	1.3E-07	
AOI-08	Zone1	INORG	Potassium	7440-09-7	TOTAL		1	1	3.30E+00	3.30E+00								
AOI-08	Zone1	INORG	Selenium	7782-49-2	TOTAL	D	1				4.70E-03	4.70E-03	5.0E-02	9.7E+02				
AOI-08	Zone1	INORG	Silver	7440-22-4	TOTAL	D	1				9.80E-04	9.80E-04	9.8E-02	1.5E+03				
AOI-08	Zone1	INORG	Sodium	7440-23-5	TOTAL		1	1	7.57E+01	7.57E+01			3.5E+02	1.0E+06		2.2E-01	7.6E-05	
AOI-08	Zone1	INORG	Thallium	7440-28-0	TOTAL		1				5.20E-03	5.20E-03	2.0E-03	1.3E+01				
AOI-08	Zone1	INORG	Vanadium	7440-62-2	TOTAL		1	1	1.20E-03	1.20E-03			6.2E-02	9.7E+02		1.9E-02	1.2E-06	
AOI-08	Zone1	INORG	Zinc	7440-66-6	TOTAL	D	1				1.40E-02	1.40E-02	5.0E+00	1.1E+05				
AOI-11	Zone1	VOC	Acetone	67-64-1	TOTAL	ID	5				1.10E-03	1.40E-01	2.1E+00	3.1E+04	1.6E+08			
AOI-11	Zone1	VOC	Benzene	71-43-2	TOTAL	A	5	2	1.30E-01	2.20E-01	3.70E-04	3.70E-04	5.0E-03	1.1E+01	4.3E+03	4.4E+01	2.0E-02	5.1E-05
AOI-11	Zone1	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	5				3.20E-04	4.00E-02	1.0E-01	1.4E+01				
AOI-11	Zone1	VOC	Bromoform	75-25-2	TOTAL	B2	5				3.70E-04	4.60E-02	1.0E-01	1.4E+02	5.2E+04			
AOI-11	Zone1	VOC	Bromomethane	74-83-9	TOTAL	D	5				3.00E-04	3.80E-02	2.9E-02	7.0E+01	4.7E+03			
AOI-11	Zone1	VOC	2-Butanone	78-93-3	TOTAL	ID	5				5.90E-04	7.40E-02	3.8E+01	2.4E+05	3.7E+07			
AOI-11	Zone1	VOC	Carbon Disulfide	75-15-0	TOTAL		5				2.40E-04	3.00E-02	2.3E+00	1.2E+03	6.8E+03			
AOI-11	Zone1	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	5				3.70E-04	4.60E-02	5.0E-03	4.6E+00	8.2E+03			
AOI-11	Zone1	VOC	Chlorobenzene	108-90-7	TOTAL	D	5				3.80E-04	4.80E-02	1.0E-01	8.6E+01	6.6E+05			
AOI-11	Zone1	VOC	Chloroethane	75-00-3	TOTAL		5				2.90E-04	3.60E-02	1.7E+00	4.4E+02	7.6E+06			
AOI-11	Zone1	VOC	Chloroform	67-66-3	TOTAL	B2	5				3.50E-04	4.40E-02	1.0E-01	1.5E+02	1.7E+04			
AOI-11	Zone1	VOC	Chloromethane	74-87-3	TOTAL	D	5				4.90E-04	6.10E-02	1.1E+00	4.9E+02	8.7E+04			
AOI-11	Zone1	VOC	Cumene	98-82-8	TOTAL	D	5	1	8.00E-02	8.00E-02	3.90E-04	2.80E-03	2.3E+00	5.6E+01	6.9E+04	3.5E-02	1.4E-03	1.2E-06
AOI-11	Zone1	VOC	Cyclohexane	110-82-7	TOTAL	ID	5	2	5.40E-03	2.50E-01	3.30E-04	3.30E-04			3.5E+05			7.1E-07
AOI-11	Zone1	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	5				8.20E-04	1.00E-01	2.0E-04	3.9E-01				
AOI-11	Zone1	VOC	Dibromochloromethane	124-48-1	TOTAL	C	5				3.70E-04	4.60E-02	1.0E-01	1.8E+01				
AOI-11	Zone1	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	5				3.40E-04	4.20E-02	1.0E-03	2.5E-02				
AOI-11	Zone1	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	5				3.80E-04	4.80E-02	6.0E-01	1.6E+02	4.7E+05			
AOI-11	Zone1	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	5				3.80E-04	4.80E-02	1.9E-02	2.0E+00				
AOI-11	Zone1	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	5				3.80E-04	4.80E-02	7.5E-02	6.4E+00	1.2E+06			
AOI-11	Zone1	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		5				4.90E-04	6.10E-02	4.8E+00	3.0E+02	1.6E+06			
AOI-11	Zone1	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	5				3.00E-04	3.80E-02	2.5E+00	2.4E+03	5.4E+05			
AOI-11	Zone1	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	5	1	1.20E-03	1.20E-03	2.80E-04	3.50E-02	5.0E-03	1.9E+01	1.8E+04	2.4E-01	6.3E-05	6.5E-08
AOI-11	Zone1	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	5				3.10E-04	3.90E-02	7.0E-03	1.1E+01	1.2E+04			
AOI-11	Zone1	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	5				3.50E-04	4.40E-02	7.0E-02	2.0E+02	1.3E+06			
AOI-11	Zone1	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		5				3.30E-04	4.10E-02	1.0E-01	2.2E+02	7.7E+05			
AOI-11	Zone1	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	5				4.10E-04	5.10E-02	5.0E-03	1.6E+01	7.8E+05			

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-11	Zone1	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	5				3.50E-04	4.40E-02	3.5E-02	5.5E+00	4.0E+03			
AOI-11	Zone1	VOC	Ethyl Benzene	100-41-4	TOTAL	D	5	2	3.30E-02	1.40E+00	4.10E-04	4.10E-04	7.0E-01	1.7E+02	5.6E+05	2.0E+00	8.2E-03	2.5E-06
AOI-11	Zone1	VOC	2-Hexanone	591-78-6	TOTAL		5				5.80E-04	7.20E-02	2.9E+00	5.2E+03				
AOI-11	Zone1	VOC	Methyl Acetate	79-20-9	TOTAL		5				5.40E-04	6.80E-02			2.5E+07			
AOI-11	Zone1	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		5	3	9.60E-04	4.00E-03	2.70E-04	3.40E-02	6.9E-01	6.1E+02	6.3E+05	5.8E-03	6.6E-06	6.3E-09
AOI-11	Zone1	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	5				2.60E-04	3.20E-02	5.2E+00	1.3E+04	1.1E+07			
AOI-11	Zone1	VOC	Methylcyclohexane	108-87-2	TOTAL		5	1	2.20E-01	2.20E-01	4.20E-04	3.00E-03			1.5E+06			1.5E-07
AOI-11	Zone1	VOC	Methylene Chloride	75-09-2	TOTAL	B2	5				2.90E-04	3.60E-02	5.0E-03	2.2E+02	2.1E+05			
AOI-11	Zone1	VOC	Styrene	100-42-5	TOTAL		5				3.50E-04	4.40E-02	1.0E-01	9.7E+00	5.1E+05			
AOI-11	Zone1	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	5				3.60E-04	4.50E-02	3.5E-02	4.7E+00	8.5E+04			
AOI-11	Zone1	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	5				4.20E-04	5.20E-02	5.0E-03	1.2E+01	1.4E+05			
AOI-11	Zone1	VOC	Toluene	108-88-3	TOTAL	D	5	1	2.00E+00	2.00E+00	3.90E-04	2.80E-03	1.0E+00	5.3E+02	4.9E+05	2.0E+00	3.8E-03	4.1E-06
AOI-11	Zone1	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	5				4.00E-04	5.00E-02	7.0E-02	1.9E+01				
AOI-11	Zone1	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	5				3.90E-04	4.90E-02	2.0E-01	1.3E+03	1.6E+06			
AOI-11	Zone1	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	5				3.60E-04	4.50E-02	5.0E-03	2.1E+01	2.3E+05			
AOI-11	Zone1	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	5				4.20E-04	5.20E-02	5.0E-03	2.2E+01	2.8E+05			
AOI-11	Zone1	VOC	Trichlorofluoromethane	75-69-4	TOTAL		5				5.40E-04	6.80E-02	7.3E+00	1.1E+03	2.3E+06			
AOI-11	Zone1	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	TOTAL		5				3.20E-04	4.00E-02	1.7E+02	1.7E+02	2.4E+06			
AOI-11	Zone1	VOC	Vinyl Chloride	75-01-4	TOTAL	A	5				3.60E-04	4.50E-02	2.0E-03	1.0E+00	1.3E+03			
AOI-11	Zone1	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	5	2	8.00E-03	1.20E+01	4.40E-04	4.40E-04	1.0E+01	1.9E+02	5.7E+05	1.2E+00	6.3E-02	2.1E-05
AOI-11	Zone1	SVOC	Acenaphthene	83-32-9	TOTAL		5				6.90E-04	8.60E-03	3.8E+00	4.2E+00				
AOI-11	Zone1	SVOC	Acenaphthylene	208-96-8	TOTAL	D	5				4.10E-04	5.10E-03	1.5E-01	3.9E+00				
AOI-11	Zone1	SVOC	Acetophenone	98-86-2	TOTAL	D	5				6.50E-04	8.10E-03	4.4E+00	6.1E+03	1.5E+07			
AOI-11	Zone1	SVOC	Anthracene	120-12-7	TOTAL	D	5				5.90E-04	7.40E-03	4.3E-02	4.3E-02				
AOI-11	Zone1	SVOC	Atrazine	1912-24-9	TOTAL	C	5				3.50E-04	5.00E-03	3.0E-03	5.4E+00	1.7E+09			
AOI-11	Zone1	SVOC	Benzaldehyde	100-52-7	TOTAL		5				5.90E-04	7.40E-03						
AOI-11	Zone1	SVOC	Benzo(a)anthracene	56-55-3	TOTAL	B2	5	1	8.50E-03	8.50E-03	6.80E-04	8.50E-03	8.5E-03	9.4E-03		1.0E+00	9.0E-01	
AOI-11	Zone1	SVOC	Benzo(a)pyrene	50-32-8	TOTAL	B2	6	2	1.30E-02	1.90E-02	5.30E-04	6.60E-03	5.0E-03	2.0E-03		3.8E+00	9.5E+00	
AOI-11	Zone1	SVOC	Benzo(b)fluoranthene	205-99-2	TOTAL	B2	6	2	2.20E-02	3.00E-02	7.10E-04	8.90E-03	2.0E-03	2.0E-03		1.5E+01	1.5E+01	
AOI-11	Zone1	SVOC	Benzo(g,h,i)perylene	191-24-2	TOTAL	D	6	2	1.10E-02	1.50E-02	7.00E-04	8.80E-03	5.0E-03	5.0E-03		3.0E+00	3.0E+00	
AOI-11	Zone1	SVOC	Benzo(k)fluoranthene	207-08-9	TOTAL	B2	6	2	1.30E-02	1.60E-02	6.40E-04	8.00E-03	5.0E-03	5.0E-03		3.2E+00	3.2E+00	
AOI-11	Zone1	SVOC	Biphenyl	92-52-4	TOTAL	D	5				6.50E-04	8.10E-03						
AOI-11	Zone1	SVOC	bis(2-Chloroethoxy)methane	111-91-1	TOTAL	D	5				8.70E-04	1.20E-02						
AOI-11	Zone1	SVOC	bis(2-Chloroethyl) ether	111-44-4	TOTAL	B2	5				9.70E-04	2.10E-02	8.3E-03	5.7E+00	5.6E+06			
AOI-11	Zone1	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	TOTAL	B2	5	1	6.40E-03	6.40E-03	2.00E-04	5.40E-03	6.0E-03	3.2E-01	1.6E+08	1.1E+00	2.0E-02	4.1E-11
AOI-11	Zone1	SVOC	4-Bromophenyl-phenyl ether	101-55-3	TOTAL	D	5				7.80E-04	9.80E-03						
AOI-11	Zone1	SVOC	Butylbenzylphthalate	85-68-7	TOTAL	C	5				2.30E-04	2.90E-03	2.7E+00	2.7E+00				
AOI-11	Zone1	SVOC	Caprolactam	105-60-2	TOTAL		5	1	3.90E-03	3.90E-03	2.50E-03	5.60E-03	1.7E+01	3.9E+05		2.3E-04	1.0E-08	
AOI-11	Zone1	SVOC	Carbazole	86-74-8	TOTAL	B2	5	1	8.40E-03	8.40E-03	6.10E-04	7.60E-03	3.5E-01	7.4E+00		2.4E-02	1.1E-03	
AOI-11	Zone1	SVOC	4-Chloro-3-methylphenol	59-50-7	TOTAL		5				5.50E-04	6.90E-03	4.2E-01	7.9E+01				
AOI-11	Zone1	SVOC	4-Chloroaniline	106-47-8	TOTAL		5				6.10E-04	1.10E-02						
AOI-11	Zone1	SVOC	2-Chloronaphthalene	91-58-7	TOTAL		5				7.30E-04	9.10E-03	5.2E+00	6.7E+00				
AOI-11	Zone1	SVOC	2-Chlorophenol	95-57-8	TOTAL		5				1.00E-03	1.60E-02	1.3E-01	9.4E+01				
AOI-11	Zone1	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3	TOTAL		5				6.60E-04	8.20E-03						
AOI-11	Zone1	SVOC	Chrysene	218-01-9	TOTAL	B2	6	2	1.90E-02	2.40E-02	6.70E-04	8.40E-03	5.0E-03	5.0E-03		4.8E+00	4.8E+00	
AOI-11	Zone1	SVOC	Dibenz(a,h)anthracene	53-70-3	TOTAL	B2	6	2	2.10E-03	4.10E-03	6.80E-04	8.50E-03	2.0E-03	2.0E-03		2.1E+00	2.1E+00	
AOI-11	Zone1	SVOC	Dibenzofuran	132-64-9	TOTAL	D	5				6.60E-04	8.20E-03						
AOI-11	Zone1	SVOC	3,3'-Dichlorobenzidine	91-94-1	TOTAL	B2	5				4.70E-04	5.90E-03	4.3E-03	1.8E-01				
AOI-11	Zone1	SVOC	2,4-Dichlorophenol	120-83-2	TOTAL		5				7.00E-04	8.80E-03	2.1E-01	4.8E+01				
AOI-11	Zone1	SVOC	Diethylphthalate	84-66-2	TOTAL	D	5				2.50E-04	3.10E-03	1.6E+01	1.1E+03	3.6E+07			
AOI-11	Zone1	SVOC	2,4-Dimethylphenol	105-67-9	TOTAL		5				8.50E-04	1.20E-02	1.0E+00	5.2E+02				
AOI-11	Zone1	SVOC	Dimethylphthalate	131-11-3	TOTAL	D	5				2.00E-04	2.50E-03	2.1E+02	4.2E+03	1.5E+08			

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-11	Zone1	SVOC	Di-n-butylphthalate	84-74-2	TOTAL	D	5				3.70E-04	4.60E-03	2.5E+00	1.1E+01	1.4E+09			
AOI-11	Zone1	SVOC	4,6-Dinitro-2-methylphenol	534-52-1	TOTAL		5				1.30E-03	2.60E-02	2.0E-02	9.5E+00				
AOI-11	Zone1	SVOC	2,4-Dinitrophenol	51-28-5	TOTAL		5				3.00E-03	4.10E-02						
AOI-11	Zone1	SVOC	2,4-Dinitrotoluene	121-14-2	TOTAL	B2	5				4.60E-04	5.80E-03	3.2E-02	8.6E+00				
AOI-11	Zone1	SVOC	2,6-Dinitrotoluene	606-20-2	TOTAL	B2	5				5.70E-04	8.90E-03						
AOI-11	Zone1	SVOC	Di-n-octylphthalate	117-84-0	TOTAL		5				6.90E-04	8.60E-03	3.8E-01	4.0E-01				
AOI-11	Zone1	SVOC	Fluoranthene	206-44-0	TOTAL	D	5	2	8.10E-04	4.30E-02	7.10E-04	8.90E-03	2.1E-01	2.1E-01		2.0E-01	2.0E-01	
AOI-11	Zone1	SVOC	Fluorene	86-73-7	TOTAL	D	5				7.50E-04	9.40E-03	2.0E+00	2.0E+00				
AOI-11	Zone1	SVOC	Hexachlorobenzene	118-74-1	TOTAL	B2	5				7.40E-04	9.60E-03	1.0E-03	4.6E-03	9.1E+00			
AOI-11	Zone1	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	5				7.30E-04	1.90E-02	4.2E-02	4.0E-01	3.0E+01			
AOI-11	Zone1	SVOC	Hexachlorocyclopentadiene	77-47-4	TOTAL	E	5				1.10E-03	1.40E-02	5.0E-02	1.6E+00	1.1E+02			
AOI-11	Zone1	SVOC	Hexachloroethane	67-72-1	TOTAL	C	5				7.40E-04	2.00E-02	2.1E-02	1.9E+00	5.8E+04			
AOI-11	Zone1	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	TOTAL	B2	6	2	1.00E-02	1.50E-02	6.30E-04	8.60E-03	2.0E-03	2.0E-03		7.5E+00	7.5E+00	
AOI-11	Zone1	SVOC	Isophorone	78-59-1	TOTAL	C	5				6.30E-04	1.10E-02	3.1E+00	9.9E+02	1.2E+07			
AOI-11	Zone1	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	5	1	1.30E-01	1.30E-01	6.40E-04	1.30E-03	7.5E-01	2.5E+01		1.7E-01	5.2E-03	
AOI-11	Zone1	SVOC	Methylphenol (total)	1319-77-3	TOTAL		5				7.10E-04	8.90E-03	1.0E+00	8.1E+02	8.2E+07			
AOI-11	Zone1	SVOC	Naphthalene	91-20-3	TOTAL	C	5	2	3.80E-03	5.20E-01	7.50E-04	1.50E-03	1.5E+00	3.1E+01	4.7E+05	3.5E-01	1.7E-02	1.1E-06
AOI-11	Zone1	SVOC	2-Nitroaniline	88-74-4	TOTAL		5				4.90E-04	6.10E-03						
AOI-11	Zone1	SVOC	3-Nitroaniline	99-09-2	TOTAL	C	5				4.80E-04	6.00E-03						
AOI-11	Zone1	SVOC	4-Nitroaniline	100-01-6	TOTAL	C	5				5.90E-04	7.40E-03			6.7E+08			
AOI-11	Zone1	SVOC	Nitrobenzene	98-95-3	TOTAL	D	5				8.10E-04	1.60E-02	9.6E-03	1.1E+01	7.2E+05			
AOI-11	Zone1	SVOC	2-Nitrophenol	88-75-5	TOTAL		5				9.50E-04	1.20E-02	5.8E-02	7.9E+01				
AOI-11	Zone1	SVOC	4-Nitrophenol	100-02-7	TOTAL		5				1.90E-03	4.40E-02						
AOI-11	Zone1	SVOC	N-Nitrosodiphenylamine	86-30-6	TOTAL	B2	5				6.40E-04	8.00E-03	1.1E+00	3.5E+01				
AOI-11	Zone1	SVOC	N-Nitroso-di-n-propylamine	621-64-7	TOTAL	B2	5				6.70E-04	1.40E-02	5.0E-03	3.6E-01				
AOI-11	Zone1	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	TOTAL	C	5				7.80E-04	2.20E-02						
AOI-11	Zone1	SVOC	Pentachlorophenol	87-86-5	TOTAL	B2	5				2.40E-03	3.20E-02	1.0E-03	2.0E-01	6.1E+07			
AOI-11	Zone1	SVOC	Phenanthrene	85-01-8	TOTAL	D	5	1	3.30E-02	3.30E-02	6.80E-04	8.50E-03	1.5E-01	1.0E+00		2.2E-01	3.3E-02	
AOI-11	Zone1	SVOC	Phenol	108-95-2	TOTAL	ID	5	1	4.20E-03	4.20E-03	2.60E-03	1.60E-02	1.3E+01	2.9E+04	1.5E+08	3.2E-04	1.4E-07	2.8E-11
AOI-11	Zone1	SVOC	Pyrene	129-00-0	TOTAL	D	5	1	3.20E-02	3.20E-02	6.30E-04	7.90E-03	1.4E-01	1.4E-01		2.3E-01	2.3E-01	
AOI-11	Zone1	SVOC	2,4,5-Trichlorophenol	95-95-4	TOTAL		5				8.60E-04	1.10E-02	2.1E+00	1.7E+02				
AOI-11	Zone1	SVOC	2,4,6-Trichlorophenol	88-06-2	TOTAL	B2	5				7.10E-04	8.90E-03	4.7E-01	1.0E+01				
AOI-11	Zone1	INORG	Lead	7439-92-1	TOTAL	B2	5	3	2.20E-03	6.00E-02	1.60E-03	1.60E-03	4.0E-03			1.5E+01		
AOI-13	Zone1	VOC	Acetone	67-64-1	TOTAL	ID	4				1.10E-03	1.60E-02	2.1E+00	3.1E+04	1.6E+08			
AOI-13	Zone1	VOC	Benzene	71-43-2	TOTAL	A	4				3.70E-04	5.30E-03	5.0E-03	1.1E+01	4.3E+03			
AOI-13	Zone1	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	4				3.20E-04	4.60E-03	1.0E-01	1.4E+01				
AOI-13	Zone1	VOC	Bromoform	75-25-2	TOTAL	B2	4				3.70E-04	5.30E-03	1.0E-01	1.4E+02	5.2E+04			
AOI-13	Zone1	VOC	Bromomethane	74-83-9	TOTAL	D	4				3.00E-04	4.30E-03	2.9E-02	7.0E+01	4.7E+03			
AOI-13	Zone1	VOC	2-Butanone	78-93-3	TOTAL	ID	4	1	1.40E-03	1.40E-03	5.90E-04	8.40E-03	3.8E+01	2.4E+05	3.7E+07	3.7E-05	5.8E-09	3.8E-11
AOI-13	Zone1	VOC	Carbon Disulfide	75-15-0	TOTAL		4	1	9.40E-04	9.40E-04	2.40E-04	3.40E-03	2.3E+00	1.2E+03	6.8E+03	4.1E-04	7.8E-07	1.4E-07
AOI-13	Zone1	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	4				3.70E-04	5.30E-03	5.0E-03	4.6E+00	8.2E+03			
AOI-13	Zone1	VOC	Chlorobenzene	108-90-7	TOTAL	D	4				3.80E-04	5.40E-03	1.0E-01	8.6E+01	6.6E+05			
AOI-13	Zone1	VOC	Chloroethane	75-00-3	TOTAL		4	1	1.10E-03	1.10E-03	2.90E-04	4.10E-03	1.7E+00	4.4E+02	7.6E+06	6.5E-04	2.5E-06	1.4E-10
AOI-13	Zone1	VOC	Chloroform	67-66-3	TOTAL	B2	4				3.50E-04	5.00E-03	1.0E-01	1.5E+02	1.7E+04			
AOI-13	Zone1	VOC	Chloromethane	74-87-3	TOTAL	D	4				4.90E-04	7.00E-03	1.1E+00	4.9E+02	8.7E+04			
AOI-13	Zone1	VOC	Cumene	98-82-8	TOTAL	D	4				3.90E-04	5.60E-03	2.3E+00	5.6E+01	6.9E+04			
AOI-13	Zone1	VOC	Cyclohexane	110-82-7	TOTAL	ID	4				3.30E-04	4.70E-03			3.5E+05			
AOI-13	Zone1	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	4				8.20E-04	1.20E-02	2.0E-04	3.9E-01				
AOI-13	Zone1	VOC	Dibromochloromethane	124-48-1	TOTAL	C	4				3.70E-04	5.30E-03	1.0E-01	1.8E+01				
AOI-13	Zone1	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	4				3.40E-04	4.90E-03	1.0E-03	2.5E-02				
AOI-13	Zone1	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	4				3.80E-04	5.40E-03	6.0E-01	1.6E+02	4.7E+05			
AOI-13	Zone1	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	4				3.80E-04	5.40E-03	1.9E-02	2.0E+00				

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-13	Zone1	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	4				3.80E-04	5.40E-03	7.5E-02	6.4E+00	1.2E+06			
AOI-13	Zone1	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		4				4.90E-04	7.00E-03	4.8E+00	3.0E+02	1.6E+06			
AOI-13	Zone1	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	4	3	3.30E-04	5.40E-02	3.00E-04	3.00E-04	2.5E+00	2.4E+03	5.4E+05	2.2E-02	2.3E-05	9.9E-08
AOI-13	Zone1	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	4				2.80E-04	4.00E-03	5.0E-03	1.9E+01	1.8E+04			
AOI-13	Zone1	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	4	2	3.40E-04	2.30E-02	3.10E-04	3.10E-04	7.0E-03	1.1E+01	1.2E+04	3.3E+00	2.1E-03	1.9E-06
AOI-13	Zone1	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	4	3	7.00E-04	1.00E-01	3.50E-04	3.50E-04	7.0E-02	2.0E+02	1.3E+06	1.4E+00	5.0E-04	7.8E-08
AOI-13	Zone1	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		4				3.30E-04	4.70E-03	1.0E-01	2.2E+02	7.7E+05			
AOI-13	Zone1	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	4				4.10E-04	5.90E-03	5.0E-03	1.6E+01	7.8E+05			
AOI-13	Zone1	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	4				3.50E-04	5.00E-03	3.5E-02	5.5E+00	4.0E+03			
AOI-13	Zone1	VOC	Ethyl Benzene	100-41-4	TOTAL	D	4	1	4.10E-04	4.10E-04	4.10E-04	5.90E-03	7.0E-01	1.7E+02	5.6E+05	5.9E-04	2.4E-06	7.4E-10
AOI-13	Zone1	VOC	2-Hexanone	591-78-6	TOTAL		4				5.80E-04	8.30E-03	2.9E+00	5.2E+03				
AOI-13	Zone1	VOC	Methyl Acetate	79-20-9	TOTAL		4				5.40E-04	7.70E-03			2.5E+07			
AOI-13	Zone1	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		4				2.70E-04	3.90E-03	6.9E-01	6.1E+02	6.3E+05			
AOI-13	Zone1	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	4	1	3.10E-04	3.10E-04	2.60E-04	3.70E-03	5.2E+00	1.3E+04	1.1E+07	6.0E-05	2.4E-08	2.8E-11
AOI-13	Zone1	VOC	Methylcyclohexane	108-87-2	TOTAL		4				4.20E-04	6.00E-03			1.5E+06			
AOI-13	Zone1	VOC	Methylene Chloride	75-09-2	TOTAL	B2	4				2.90E-04	4.10E-03	5.0E-03	2.2E+02	2.1E+05			
AOI-13	Zone1	VOC	Styrene	100-42-5	TOTAL		4				3.50E-04	5.00E-03	1.0E-01	9.7E+00	5.1E+05			
AOI-13	Zone1	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	4				3.60E-04	5.10E-03	3.5E-02	4.7E+00	8.5E+04			
AOI-13	Zone1	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	4				4.20E-04	6.00E-03	5.0E-03	1.2E+01	1.4E+05			
AOI-13	Zone1	VOC	Toluene	108-88-3	TOTAL	D	4	3	4.50E-04	1.30E-03	5.60E-03	5.60E-03	1.0E+00	5.3E+02	4.9E+05	1.3E-03	2.5E-06	2.7E-09
AOI-13	Zone1	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	4				4.00E-04	5.70E-03	7.0E-02	1.9E+01				
AOI-13	Zone1	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	4	1	4.90E-04	4.90E-04	3.90E-04	5.60E-03	2.0E-01	1.3E+03	1.6E+06	2.5E-03	3.8E-07	3.1E-10
AOI-13	Zone1	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	4				3.60E-04	5.10E-03	5.0E-03	2.1E+01	2.3E+05			
AOI-13	Zone1	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	4	1	4.50E-01	4.50E-01	4.20E-04	4.20E-04	5.0E-03	2.2E+01	2.8E+05	9.0E+01	2.0E-02	1.6E-06
AOI-13	Zone1	VOC	Trichlorofluoromethane	75-69-4	TOTAL		4				5.40E-04	7.70E-03	7.3E+00	1.1E+03	2.3E+06			
AOI-13	Zone1	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	TOTAL		4				3.20E-04	4.60E-03	1.7E+02	1.7E+02	2.4E+06			
AOI-13	Zone1	VOC	Vinyl Chloride	75-01-4	TOTAL	A	4	4	9.10E-04	1.40E-01			2.0E-03	1.0E+00	1.3E+03	7.0E+01	1.4E-01	1.1E-04
AOI-13	Zone1	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	4	1	2.40E-03	2.40E-03	4.40E-04	6.30E-03	1.0E+01	1.9E+02	5.7E+05	2.4E-04	1.3E-05	4.2E-09
AOI-13	Zone1	SVOC	Acenaphthene	83-32-9	TOTAL		4				6.90E-04	8.00E-02	3.8E+00	4.2E+00				
AOI-13	Zone1	SVOC	Acenaphthylene	208-96-8	TOTAL	D	4				4.10E-04	7.10E-02	1.5E-01	3.9E+00				
AOI-13	Zone1	SVOC	Acetophenone	98-86-2	TOTAL	D	4				6.50E-04	2.60E-01	4.4E+00	6.1E+03	1.5E+07			
AOI-13	Zone1	SVOC	Anthracene	120-12-7	TOTAL	D	4				5.90E-04	6.80E-02	4.3E-02	4.3E-02				
AOI-13	Zone1	SVOC	Atrazine	1912-24-9	TOTAL	C	4				3.50E-04	2.50E-01	3.0E-03	5.4E+00	1.7E+09			
AOI-13	Zone1	SVOC	Benzaldehyde	100-52-7	TOTAL		4				5.90E-04	2.80E-01						
AOI-13	Zone1	SVOC	Benzo(a)anthracene	56-55-3	TOTAL	B2	4				6.80E-04	7.00E-02	8.5E-03	9.4E-03				
AOI-13	Zone1	SVOC	Benzo(a)pyrene	50-32-8	TOTAL	B2	4				5.30E-04	7.30E-02	5.0E-03	2.0E-03				
AOI-13	Zone1	SVOC	Benzo(b)fluoranthene	205-99-2	TOTAL	B2	4				7.10E-04	9.40E-02	2.0E-03	2.0E-03				
AOI-13	Zone1	SVOC	Benzo(g,h,i)perylene	191-24-2	TOTAL	D	4				7.00E-04	8.50E-02	5.0E-03	5.0E-03				
AOI-13	Zone1	SVOC	Benzo(k)fluoranthene	207-08-9	TOTAL	B2	4				6.40E-04	8.40E-02	5.0E-03	5.0E-03				
AOI-13	Zone1	SVOC	Biphenyl	92-52-4	TOTAL	D	4				6.50E-04	2.60E-01						
AOI-13	Zone1	SVOC	bis(2-Chloroethoxy)methane	111-91-1	TOTAL	D	4				1.00E-03	8.70E-02						
AOI-13	Zone1	SVOC	bis(2-Chloroethyl) ether	111-44-4	TOTAL	B2	4				1.70E-03	9.70E-02	8.3E-03	5.7E+00	5.6E+06			
AOI-13	Zone1	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	TOTAL	B2	4				2.00E-04	2.70E-01	6.0E-03	3.2E-01	1.6E+08			
AOI-13	Zone1	SVOC	4-Bromophenyl-phenyl ether	101-55-3	TOTAL	D	4				7.80E-04	8.80E-02						
AOI-13	Zone1	SVOC	Butylbenzylphthalate	85-68-7	TOTAL	C	4				2.30E-04	8.80E-02	2.7E+00	2.7E+00				
AOI-13	Zone1	SVOC	Caprolactam	105-60-2	TOTAL		4	1	1.20E-03	1.20E-03	9.00E-03	2.50E-01	1.7E+01	3.9E+05		7.1E-05	3.1E-09	
AOI-13	Zone1	SVOC	Carbazole	86-74-8	TOTAL	B2	4				6.10E-04	8.20E-02	3.5E-01	7.4E+00				
AOI-13	Zone1	SVOC	4-Chloro-3-methylphenol	59-50-7	TOTAL		4				5.50E-04	9.90E-02	4.2E-01	7.9E+01				
AOI-13	Zone1	SVOC	4-Chloroaniline	106-47-8	TOTAL		4				9.00E-04	6.10E-02						
AOI-13	Zone1	SVOC	2-Chloronaphthalene	91-58-7	TOTAL		4				7.30E-04	8.50E-02	5.2E+00	6.7E+00				
AOI-13	Zone1	SVOC	2-Chlorophenol	95-57-8	TOTAL		4				1.30E-03	1.00E-01	1.3E-01	9.4E+01				
AOI-13	Zone1	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3	TOTAL		4				6.60E-04	7.90E-02						

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-13	Zone1	SVOC	Chrysene	218-01-9	TOTAL	B2	4				6.70E-04	7.50E-02	5.0E-03	5.0E-03				
AOI-13	Zone1	SVOC	Dibenz(a,h)anthracene	53-70-3	TOTAL	B2	4				6.80E-04	7.90E-02	2.0E-03	2.0E-03				
AOI-13	Zone1	SVOC	Dibenzofuran	132-64-9	TOTAL	D	4				6.60E-04	1.10E-01						
AOI-13	Zone1	SVOC	3,3'-Dichlorobenzidine	91-94-1	TOTAL	B2	4				4.70E-04	9.30E-02	4.3E-03	1.8E-01				
AOI-13	Zone1	SVOC	2,4-Dichlorophenol	120-83-2	TOTAL		4				7.00E-04	8.50E-02	2.1E-01	4.8E+01				
AOI-13	Zone1	SVOC	Diethylphthalate	84-66-2	TOTAL	D	4				2.50E-04	6.50E-02	1.6E+01	1.1E+03	3.6E+07			
AOI-13	Zone1	SVOC	2,4-Dimethylphenol	105-67-9	TOTAL		4				1.00E-03	8.50E-02	1.0E+00	5.2E+02				
AOI-13	Zone1	SVOC	Dimethylphthalate	131-11-3	TOTAL	D	4				2.00E-04	7.60E-02	2.1E+02	4.2E+03	1.5E+08			
AOI-13	Zone1	SVOC	Di-n-butylphthalate	84-74-2	TOTAL	D	4	1	4.10E-04	4.10E-04	7.40E-03	6.70E-02	2.5E+00	1.1E+01	1.4E+09	1.6E-04	3.7E-05	2.9E-13
AOI-13	Zone1	SVOC	4,6-Dinitro-2-methylphenol	534-52-1	TOTAL		4				2.10E-03	1.30E-01	2.0E-02	9.5E+00				
AOI-13	Zone1	SVOC	2,4-Dinitrophenol	51-28-5	TOTAL		4				3.30E-03	3.00E-01						
AOI-13	Zone1	SVOC	2,4-Dinitrotoluene	121-14-2	TOTAL	B2	4				4.60E-04	7.90E-02	3.2E-02	8.6E+00				
AOI-13	Zone1	SVOC	2,6-Dinitrotoluene	606-20-2	TOTAL	B2	4				7.10E-04	5.70E-02						
AOI-13	Zone1	SVOC	Di-n-octylphthalate	117-84-0	TOTAL		4				6.90E-04	1.10E-01	3.8E-01	4.0E-01				
AOI-13	Zone1	SVOC	Fluoranthene	206-44-0	TOTAL	D	4				7.10E-04	8.10E-02	2.1E-01	2.1E-01				
AOI-13	Zone1	SVOC	Fluorene	86-73-7	TOTAL	D	4				7.50E-04	1.00E-01	2.0E+00	2.0E+00				
AOI-13	Zone1	SVOC	Hexachlorobenzene	118-74-1	TOTAL	B2	4				7.70E-04	7.40E-02	1.0E-03	4.6E-03	9.1E+00			
AOI-13	Zone1	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	4				1.50E-03	7.30E-02	4.2E-02	4.0E-01	3.0E+01			
AOI-13	Zone1	SVOC	Hexachlorocyclopentadiene	77-47-4	TOTAL	E	4				1.10E-03	1.10E-01	5.0E-02	1.6E+00	1.1E+02			
AOI-13	Zone1	SVOC	Hexachloroethane	67-72-1	TOTAL	C	4				1.60E-03	7.40E-02	2.1E-02	1.9E+00	5.8E+04			
AOI-13	Zone1	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	TOTAL	B2	4				6.90E-04	6.30E-02	2.0E-03	2.0E-03				
AOI-13	Zone1	SVOC	Isophorone	78-59-1	TOTAL	C	4				8.60E-04	6.30E-02	3.1E+00	9.9E+02	1.2E+07			
AOI-13	Zone1	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	4				9.30E-04	6.40E-02	7.5E-01	2.5E+01				
AOI-13	Zone1	SVOC	Methylphenol (total)	1319-77-3	TOTAL		4				7.10E-04	1.30E-01	1.0E+00	8.1E+02	8.2E+07			
AOI-13	Zone1	SVOC	Naphthalene	91-20-3	TOTAL	C	4				1.30E-03	7.50E-02	1.5E+00	3.1E+01	4.7E+05			
AOI-13	Zone1	SVOC	2-Nitroaniline	88-74-4	TOTAL		4				4.90E-04	7.00E-02						
AOI-13	Zone1	SVOC	3-Nitroaniline	99-09-2	TOTAL	C	4				4.80E-04	7.10E-02						
AOI-13	Zone1	SVOC	4-Nitroaniline	100-01-6	TOTAL	C	4				5.90E-04	1.30E-01			6.7E+08			
AOI-13	Zone1	SVOC	Nitrobenzene	98-95-3	TOTAL	D	4				1.30E-03	8.10E-02	9.6E-03	1.1E+01	7.2E+05			
AOI-13	Zone1	SVOC	2-Nitrophenol	88-75-5	TOTAL		4				9.50E-04	2.10E-01	5.8E-02	7.9E+01				
AOI-13	Zone1	SVOC	4-Nitrophenol	100-02-7	TOTAL		4				3.50E-03	1.90E-01						
AOI-13	Zone1	SVOC	N-Nitrosodiphenylamine	86-30-6	TOTAL	B2	4				6.40E-04	1.40E-01	1.1E+00	3.5E+01				
AOI-13	Zone1	SVOC	N-Nitroso-di-n-propylamine	621-64-7	TOTAL	B2	4				1.10E-03	6.70E-02	5.0E-03	3.6E-01				
AOI-13	Zone1	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	TOTAL	C	4				1.80E-03	7.80E-02						
AOI-13	Zone1	SVOC	Pentachlorophenol	87-86-5	TOTAL	B2	4	1	4.10E-03	4.10E-03	5.20E-02	2.40E-01	1.0E-03	2.0E-01	6.1E+07	4.1E+00	2.1E-02	6.7E-11
AOI-13	Zone1	SVOC	Phenanthrene	85-01-8	TOTAL	D	4				6.80E-04	8.20E-02	1.5E-01	1.0E+00				
AOI-13	Zone1	SVOC	Phenol	108-95-2	TOTAL	ID	4				1.30E-03	2.60E-01	1.3E+01	2.9E+04	1.5E+08			
AOI-13	Zone1	SVOC	Pyrene	129-00-0	TOTAL	D	4				6.30E-04	1.10E-01	1.4E-01	1.4E-01				
AOI-13	Zone1	SVOC	2,4,5-Trichlorophenol	95-95-4	TOTAL		4				8.60E-04	1.20E-01	2.1E+00	1.7E+02				
AOI-13	Zone1	SVOC	2,4,6-Trichlorophenol	88-06-2	TOTAL	B2	4				7.10E-04	1.70E-01	4.7E-01	1.0E+01				
AOI-13	Zone1	P/PCB	PCBs (total)	1336-36-3	TOTAL	B2	4				8.20E-05	8.20E-05	5.0E-04	3.3E-03	1.1E+03			
AOI-13	Zone1	INORG	Aluminum	7429-90-5	TOTAL	D	4	2	4.70E-01	1.10E+00	5.70E-02	5.70E-02	4.1E+00	6.4E+04		2.7E-01	1.7E-05	
AOI-13	Zone1	INORG	Antimony	7440-36-0	TOTAL		4				3.40E-03	3.40E-03	6.0E-03	6.8E+01				
AOI-13	Zone1	INORG	Arsenic	7440-38-2	TOTAL	A	4	4	8.90E-03	7.60E-02			5.0E-02	4.3E+00		1.5E+00	1.8E-02	
AOI-13	Zone1	INORG	Barium	7440-39-3	TOTAL	D	4	4	7.00E-02	8.70E-01			2.0E+00	1.4E+04		4.4E-01	6.2E-05	
AOI-13	Zone1	INORG	Beryllium	7440-41-7	TOTAL	B1	4				6.00E-04	6.00E-04	4.0E-03	2.9E+02				
AOI-13	Zone1	INORG	Cadmium	7440-43-9	TOTAL	B1	4	4	3.10E-04	7.80E-04			5.0E-03	1.9E+02		1.6E-01	4.1E-06	
AOI-13	Zone1	INORG	Calcium	7440-70-2	TOTAL		4	4	1.48E+02	4.55E+02								
AOI-13	Zone1	INORG	Chromium (total)	7440-47-3	TOTAL		4	2	2.10E-03	9.30E-03	1.50E-03	1.50E-03	1.0E-01	4.6E+02		9.3E-02	2.0E-05	
AOI-13	Zone1	INORG	Cobalt	7440-48-4	TOTAL	B1	4	3	9.70E-04	4.70E-03	7.40E-04	7.40E-04	1.0E-01	2.4E+03		4.7E-02	2.0E-06	
AOI-13	Zone1	INORG	Copper	7440-50-8	TOTAL	D	4	4	2.00E-03	6.80E-03			4.0E+00	7.4E+03		1.7E-03	9.2E-07	
AOI-13	Zone1	INORG	Cyanide (total)	57-12-5	TOTAL	D	4	1	2.00E-03	2.00E-03	1.80E-03	1.80E-03	2.0E-01	5.7E+01		1.0E-02	3.5E-05	

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-13	Zone1	INORG	Iron	7439-89-6	TOTAL	D	4	4	3.60E+00	3.12E+01			5.6E+00	5.8E+04		5.6E+00	5.4E-04	
AOI-13	Zone1	INORG	Lead	7439-92-1	TOTAL	B2	4	2	2.90E-03	7.20E-03	1.60E-03	1.60E-03	4.0E-03			1.8E+00		
AOI-13	Zone1	INORG	Magnesium	7439-95-4	TOTAL		4	4	3.58E+01	4.93E+01			1.1E+03	1.0E+06		4.5E-02	4.9E-05	
AOI-13	Zone1	INORG	Manganese	7439-96-5	TOTAL	D	4	4	2.10E-01	1.70E+00			2.5E+00	9.1E+03		6.8E-01	1.9E-04	
AOI-13	Zone1	INORG	Mercury	7439-97-6	TOTAL	D	4	1	9.00E-05	9.00E-05	8.70E-05	8.70E-05	2.0E-03	5.6E-02	4.6E+01	4.5E-02	1.6E-03	2.0E-06
AOI-13	Zone1	INORG	Nickel	7440-02-0	TOTAL	A	4	4	3.80E-03	9.50E-03			1.0E-01	7.4E+04		9.5E-02	1.3E-07	
AOI-13	Zone1	INORG	Potassium	7440-09-7	TOTAL		4	4	1.11E+01	3.14E+01								
AOI-13	Zone1	INORG	Selenium	7782-49-2	TOTAL	D	4				4.70E-03	4.70E-03	5.0E-02	9.7E+02				
AOI-13	Zone1	INORG	Silver	7440-22-4	TOTAL	D	4				9.80E-04	9.80E-04	9.8E-02	1.5E+03				
AOI-13	Zone1	INORG	Sodium	7440-23-5	TOTAL		4	4	6.68E+02	1.29E+03			3.5E+02	1.0E+06		3.7E+00	1.3E-03	
AOI-13	Zone1	INORG	Thallium	7440-28-0	TOTAL		4	1	5.30E-03	5.30E-03	5.20E-03	5.20E-03	2.0E-03	1.3E+01		2.7E+00	4.1E-04	
AOI-13	Zone1	INORG	Vanadium	7440-62-2	TOTAL		4	2	5.40E-03	8.30E-03	6.70E-04	6.70E-04	6.2E-02	9.7E+02		1.3E-01	8.6E-06	
AOI-13	Zone1	INORG	Zinc	7440-66-6	TOTAL	D	4	2	4.90E-02	1.10E-01	1.40E-02	1.40E-02	5.0E+00	1.1E+05		2.2E-02	1.0E-06	
AOI-22	Zone1	VOC	Acetone	67-64-1	TOTAL	ID	2				1.10E-03	1.10E-03	2.1E+00	3.1E+04	1.6E+08			
AOI-22	Zone1	VOC	Benzene	71-43-2	TOTAL	A	2				3.70E-04	3.70E-04	5.0E-03	1.1E+01	4.3E+03			
AOI-22	Zone1	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	2				3.20E-04	3.20E-04	1.0E-01	1.4E+01				
AOI-22	Zone1	VOC	Bromoform	75-25-2	TOTAL	B2	2				3.70E-04	3.70E-04	1.0E-01	1.4E+02	5.2E+04			
AOI-22	Zone1	VOC	Bromomethane	74-83-9	TOTAL	D	2				3.00E-04	3.00E-04	2.9E-02	7.0E+01	4.7E+03			
AOI-22	Zone1	VOC	2-Butanone	78-93-3	TOTAL	ID	2				5.90E-04	5.90E-04	3.8E+01	2.4E+05	3.7E+07			
AOI-22	Zone1	VOC	Carbon Disulfide	75-15-0	TOTAL		2				2.40E-04	2.40E-04	2.3E+00	1.2E+03	6.8E+03			
AOI-22	Zone1	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	2				3.70E-04	3.70E-04	5.0E-03	4.6E+00	8.2E+03			
AOI-22	Zone1	VOC	Chlorobenzene	108-90-7	TOTAL	D	2				3.80E-04	3.80E-04	1.0E-01	8.6E+01	6.6E+05			
AOI-22	Zone1	VOC	Chloroethane	75-00-3	TOTAL		2	1	5.60E-04	5.60E-04	2.90E-04	2.90E-04	1.7E+00	4.4E+02	7.6E+06	3.3E-04	1.3E-06	7.4E-11
AOI-22	Zone1	VOC	Chloroform	67-66-3	TOTAL	B2	2				3.50E-04	3.50E-04	1.0E-01	1.5E+02	1.7E+04			
AOI-22	Zone1	VOC	Chloromethane	74-87-3	TOTAL	D	2				4.90E-04	4.90E-04	1.1E+00	4.9E+02	8.7E+04			
AOI-22	Zone1	VOC	Cumene	98-82-8	TOTAL	D	2				3.90E-04	3.90E-04	2.3E+00	5.6E+01	6.9E+04			
AOI-22	Zone1	VOC	Cyclohexane	110-82-7	TOTAL	ID	2				3.30E-04	3.30E-04			3.5E+05			
AOI-22	Zone1	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	2				8.20E-04	8.20E-04	2.0E-04	3.9E-01				
AOI-22	Zone1	VOC	Dibromochloromethane	124-48-1	TOTAL	C	2				3.70E-04	3.70E-04	1.0E-01	1.8E+01				
AOI-22	Zone1	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	2				3.40E-04	3.40E-04	1.0E-03	2.5E-02				
AOI-22	Zone1	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	2				3.80E-04	3.80E-04	6.0E-01	1.6E+02	4.7E+05			
AOI-22	Zone1	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	2				3.80E-04	3.80E-04	1.9E-02	2.0E+00				
AOI-22	Zone1	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	2				3.80E-04	3.80E-04	7.5E-02	6.4E+00	1.2E+06			
AOI-22	Zone1	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		2				4.90E-04	4.90E-04	4.8E+00	3.0E+02	1.6E+06			
AOI-22	Zone1	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	2	2	9.10E-03	3.90E-02			2.5E+00	2.4E+03	5.4E+05	1.6E-02	1.6E-05	7.2E-08
AOI-22	Zone1	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	2				2.80E-04	2.80E-04	5.0E-03	1.9E+01	1.8E+04			
AOI-22	Zone1	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	2	1	8.80E-04	8.80E-04	3.10E-04	3.10E-04	7.0E-03	1.1E+01	1.2E+04	1.3E-01	8.0E-05	7.3E-08
AOI-22	Zone1	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	2	1	1.70E-03	1.70E-03	3.50E-04	3.50E-04	7.0E-02	2.0E+02	1.3E+06	2.4E-02	8.5E-06	1.3E-09
AOI-22	Zone1	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		2				3.30E-04	3.30E-04	1.0E-01	2.2E+02	7.7E+05			
AOI-22	Zone1	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	2				4.10E-04	4.10E-04	5.0E-03	1.6E+01	7.8E+05			
AOI-22	Zone1	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	2				3.50E-04	3.50E-04	3.5E-02	5.5E+00	4.0E+03			
AOI-22	Zone1	VOC	Ethyl Benzene	100-41-4	TOTAL	D	2				4.10E-04	4.10E-04	7.0E-01	1.7E+02	5.6E+05			
AOI-22	Zone1	VOC	2-Hexanone	591-78-6	TOTAL		2				5.80E-04	5.80E-04	2.9E+00	5.2E+03				
AOI-22	Zone1	VOC	Methyl Acetate	79-20-9	TOTAL		2				5.40E-04	5.40E-04			2.5E+07			
AOI-22	Zone1	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		2				2.70E-04	2.70E-04	6.9E-01	6.1E+02	6.3E+05			
AOI-22	Zone1	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	2				2.60E-04	2.60E-04	5.2E+00	1.3E+04	1.1E+07			
AOI-22	Zone1	VOC	Methylcyclohexane	108-87-2	TOTAL		2				4.20E-04	4.20E-04			1.5E+06			
AOI-22	Zone1	VOC	Methylene Chloride	75-09-2	TOTAL	B2	2				2.90E-04	2.90E-04	5.0E-03	2.2E+02	2.1E+05			
AOI-22	Zone1	VOC	Styrene	100-42-5	TOTAL		2				3.50E-04	3.50E-04	1.0E-01	9.7E+00	5.1E+05			
AOI-22	Zone1	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	2				3.60E-04	3.60E-04	3.5E-02	4.7E+00	8.5E+04			
AOI-22	Zone1	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	2				4.20E-04	4.20E-04	5.0E-03	1.2E+01	1.4E+05			
AOI-22	Zone1	VOC	Toluene	108-88-3	TOTAL	D	2				3.90E-04	3.90E-04	1.0E+00	5.3E+02	4.9E+05			

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-22	Zone1	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	2				4.00E-04	4.00E-04	7.0E-02	1.9E+01				
AOI-22	Zone1	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	2	1	5.50E-03	5.50E-03	3.90E-04	3.90E-04	2.0E-01	1.3E+03	1.6E+06	2.8E-02	4.2E-06	3.5E-09
AOI-22	Zone1	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	2				3.60E-04	3.60E-04	5.0E-03	2.1E+01	2.3E+05			
AOI-22	Zone1	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	2	1	1.70E-03	1.70E-03	4.20E-04	4.20E-04	5.0E-03	2.2E+01	2.8E+05	3.4E-01	7.7E-05	6.2E-09
AOI-22	Zone1	VOC	Trichlorofluoromethane	75-69-4	TOTAL		2				5.40E-04	5.40E-04	7.3E+00	1.1E+03	2.3E+06			
AOI-22	Zone1	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	TOTAL		2				3.20E-04	3.20E-04	1.7E+02	1.7E+02	2.4E+06			
AOI-22	Zone1	VOC	Vinyl Chloride	75-01-4	TOTAL	A	2				3.60E-04	3.60E-04	2.0E-03	1.0E+00	1.3E+03			
AOI-22	Zone1	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	2				4.40E-04	4.40E-04	1.0E+01	1.9E+02	5.7E+05			
AOI-22	Zone1	SVOC	Acenaphthene	83-32-9	TOTAL		2				6.90E-04	6.90E-04	3.8E+00	4.2E+00				
AOI-22	Zone1	SVOC	Acenaphthylene	208-96-8	TOTAL	D	2				4.10E-04	4.10E-04	1.5E-01	3.9E+00				
AOI-22	Zone1	SVOC	Acetophenone	98-86-2	TOTAL	D	2				6.50E-04	6.50E-04	4.4E+00	6.1E+03	1.5E+07			
AOI-22	Zone1	SVOC	Anthracene	120-12-7	TOTAL	D	2				5.90E-04	5.90E-04	4.3E-02	4.3E-02				
AOI-22	Zone1	SVOC	Atrazine	1912-24-9	TOTAL	C	2				3.50E-04	3.50E-04	3.0E-03	5.4E+00	1.7E+09			
AOI-22	Zone1	SVOC	Benzaldehyde	100-52-7	TOTAL		2				5.90E-04	5.90E-04						
AOI-22	Zone1	SVOC	Benzo(a)anthracene	56-55-3	TOTAL	B2	2				6.80E-04	6.80E-04	8.5E-03	9.4E-03				
AOI-22	Zone1	SVOC	Benzo(a)pyrene	50-32-8	TOTAL	B2	2				5.30E-04	5.30E-04	5.0E-03	2.0E-03				
AOI-22	Zone1	SVOC	Benzo(b)fluoranthene	205-99-2	TOTAL	B2	2				7.10E-04	7.10E-04	2.0E-03	2.0E-03				
AOI-22	Zone1	SVOC	Benzo(g,h,i)perylene	191-24-2	TOTAL	D	2				7.00E-04	7.00E-04	5.0E-03	5.0E-03				
AOI-22	Zone1	SVOC	Benzo(k)fluoranthene	207-08-9	TOTAL	B2	2				6.40E-04	6.40E-04	5.0E-03	5.0E-03				
AOI-22	Zone1	SVOC	Biphenyl	92-52-4	TOTAL	D	2				6.50E-04	6.50E-04						
AOI-22	Zone1	SVOC	bis(2-Chloroethoxy)methane	111-91-1	TOTAL	D	2				1.00E-03	1.00E-03						
AOI-22	Zone1	SVOC	bis(2-Chloroethyl) ether	111-44-4	TOTAL	B2	2				1.70E-03	1.70E-03	8.3E-03	5.7E+00	5.6E+06			
AOI-22	Zone1	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	TOTAL	B2	2				2.00E-04	2.00E-04	6.0E-03	3.2E-01	1.6E+08			
AOI-22	Zone1	SVOC	4-Bromophenyl-phenyl ether	101-55-3	TOTAL	D	2				7.80E-04	7.80E-04						
AOI-22	Zone1	SVOC	Butylbenzylphthalate	85-68-7	TOTAL	C	2				2.30E-04	2.30E-04	2.7E+00	2.7E+00				
AOI-22	Zone1	SVOC	Caprolactam	105-60-2	TOTAL		2	1	3.50E-03	3.50E-03	4.50E-04	4.50E-04	1.7E+01	3.9E+05		2.1E-04	9.0E-09	
AOI-22	Zone1	SVOC	Carbazole	86-74-8	TOTAL	B2	2				6.10E-04	6.10E-04	3.5E-01	7.4E+00				
AOI-22	Zone1	SVOC	4-Chloro-3-methylphenol	59-50-7	TOTAL		2				5.50E-04	5.50E-04	4.2E-01	7.9E+01				
AOI-22	Zone1	SVOC	4-Chloroaniline	106-47-8	TOTAL		2				9.00E-04	9.00E-04						
AOI-22	Zone1	SVOC	2-Chloronaphthalene	91-58-7	TOTAL		2				7.30E-04	7.30E-04	5.2E+00	6.7E+00				
AOI-22	Zone1	SVOC	2-Chlorophenol	95-57-8	TOTAL		2				1.30E-03	1.30E-03	1.3E-01	9.4E+01				
AOI-22	Zone1	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3	TOTAL		2				6.60E-04	6.60E-04						
AOI-22	Zone1	SVOC	Chrysene	218-01-9	TOTAL	B2	2				6.70E-04	6.70E-04	5.0E-03	5.0E-03				
AOI-22	Zone1	SVOC	Dibenz(a,h)anthracene	53-70-3	TOTAL	B2	2				6.80E-04	6.80E-04	2.0E-03	2.0E-03				
AOI-22	Zone1	SVOC	Dibenzofuran	132-64-9	TOTAL	D	2				6.60E-04	6.60E-04						
AOI-22	Zone1	SVOC	3,3'-Dichlorobenzidine	91-94-1	TOTAL	B2	2				4.70E-04	4.70E-04	4.3E-03	1.8E-01				
AOI-22	Zone1	SVOC	2,4-Dichlorophenol	120-83-2	TOTAL		2				7.00E-04	7.00E-04	2.1E-01	4.8E+01				
AOI-22	Zone1	SVOC	Diethylphthalate	84-66-2	TOTAL	D	2				2.50E-04	2.50E-04	1.6E+01	1.1E+03	3.6E+07			
AOI-22	Zone1	SVOC	2,4-Dimethylphenol	105-67-9	TOTAL		2				1.00E-03	1.00E-03	1.0E+00	5.2E+02				
AOI-22	Zone1	SVOC	Dimethylphthalate	131-11-3	TOTAL	D	2				2.00E-04	2.00E-04	2.1E+02	4.2E+03	1.5E+08			
AOI-22	Zone1	SVOC	Di-n-butylphthalate	84-74-2	TOTAL	D	2				3.70E-04	3.70E-04	2.5E+00	1.1E+01	1.4E+09			
AOI-22	Zone1	SVOC	4,6-Dinitro-2-methylphenol	534-52-1	TOTAL		2				2.10E-03	2.10E-03	2.0E-02	9.5E+00				
AOI-22	Zone1	SVOC	2,4-Dinitrophenol	51-28-5	TOTAL		2				3.30E-03	3.30E-03						
AOI-22	Zone1	SVOC	2,4-Dinitrotoluene	121-14-2	TOTAL	B2	2				4.60E-04	4.60E-04	3.2E-02	8.6E+00				
AOI-22	Zone1	SVOC	2,6-Dinitrotoluene	606-20-2	TOTAL	B2	2				7.10E-04	7.10E-04						
AOI-22	Zone1	SVOC	Di-n-octylphthalate	117-84-0	TOTAL		2				6.90E-04	6.90E-04	3.8E-01	4.0E-01				
AOI-22	Zone1	SVOC	Fluoranthene	206-44-0	TOTAL	D	2				7.10E-04	7.10E-04	2.1E-01	2.1E-01				
AOI-22	Zone1	SVOC	Fluorene	86-73-7	TOTAL	D	2				7.50E-04	7.50E-04	2.0E+00	2.0E+00				
AOI-22	Zone1	SVOC	Hexachlorobenzene	118-74-1	TOTAL	B2	2				7.70E-04	7.70E-04	1.0E-03	4.6E-03	9.1E+00			
AOI-22	Zone1	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	2				1.50E-03	1.50E-03	4.2E-02	4.0E-01	3.0E+01			
AOI-22	Zone1	SVOC	Hexachlorocyclopentadiene	77-47-4	TOTAL	E	2				1.10E-03	1.10E-03	5.0E-02	1.6E+00	1.1E+02			
AOI-22	Zone1	SVOC	Hexachloroethane	67-72-1	TOTAL	C	2				1.60E-03	1.60E-03	2.1E-02	1.9E+00	5.8E+04			

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-22	Zone1	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	TOTAL	B2	2				6.90E-04	6.90E-04	2.0E-03	2.0E-03				
AOI-22	Zone1	SVOC	Isophorone	78-59-1	TOTAL	C	2				8.60E-04	8.60E-04	3.1E+00	9.9E+02	1.2E+07			
AOI-22	Zone1	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	2				9.30E-04	9.30E-04	7.5E-01	2.5E+01				
AOI-22	Zone1	SVOC	Methylphenol (total)	1319-77-3	TOTAL		2				7.10E-04	7.10E-04	1.0E+00	8.1E+02	8.2E+07			
AOI-22	Zone1	SVOC	Naphthalene	91-20-3	TOTAL	C	2				1.30E-03	1.30E-03	1.5E+00	3.1E+01	4.7E+05			
AOI-22	Zone1	SVOC	2-Nitroaniline	88-74-4	TOTAL		2				4.90E-04	4.90E-04						
AOI-22	Zone1	SVOC	3-Nitroaniline	99-09-2	TOTAL	C	2				4.80E-04	4.80E-04						
AOI-22	Zone1	SVOC	4-Nitroaniline	100-01-6	TOTAL	C	2				5.90E-04	5.90E-04			6.7E+08			
AOI-22	Zone1	SVOC	Nitrobenzene	98-95-3	TOTAL	D	2				1.30E-03	1.30E-03	9.6E-03	1.1E+01	7.2E+05			
AOI-22	Zone1	SVOC	2-Nitrophenol	88-75-5	TOTAL		2				9.50E-04	9.50E-04	5.8E-02	7.9E+01				
AOI-22	Zone1	SVOC	4-Nitrophenol	100-02-7	TOTAL		2				3.50E-03	3.50E-03						
AOI-22	Zone1	SVOC	N-Nitrosodiphenylamine	86-30-6	TOTAL	B2	2				6.40E-04	6.40E-04	1.1E+00	3.5E+01				
AOI-22	Zone1	SVOC	N-Nitroso-di-n-propylamine	621-64-7	TOTAL	B2	2				1.10E-03	1.10E-03	5.0E-03	3.6E-01				
AOI-22	Zone1	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	TOTAL	C	2				1.80E-03	1.80E-03						
AOI-22	Zone1	SVOC	Pentachlorophenol	87-86-5	TOTAL	B2	2				2.60E-03	2.60E-03	1.0E-03	2.0E-01	6.1E+07			
AOI-22	Zone1	SVOC	Phenanthrene	85-01-8	TOTAL	D	2				6.80E-04	6.80E-04	1.5E-01	1.0E+00				
AOI-22	Zone1	SVOC	Phenol	108-95-2	TOTAL	ID	2				1.30E-03	1.30E-03	1.3E+01	2.9E+04	1.5E+08			
AOI-22	Zone1	SVOC	Pyrene	129-00-0	TOTAL	D	2				6.30E-04	6.30E-04	1.4E-01	1.4E-01				
AOI-22	Zone1	SVOC	2,4,5-Trichlorophenol	95-95-4	TOTAL		2				8.60E-04	8.60E-04	2.1E+00	1.7E+02				
AOI-22	Zone1	SVOC	2,4,6-Trichlorophenol	88-06-2	TOTAL	B2	2				7.10E-04	7.10E-04	4.7E-01	1.0E+01				
AOI-22	Zone1	P/PCB	PCBs (total)	1336-36-3	TOTAL	B2	2				8.20E-05	8.20E-05	5.0E-04	3.3E-03	1.1E+03			
AOI-22	Zone1	INORG	Aluminum	7429-90-5	TOTAL	D	2	2	6.50E-01	9.30E-01			4.1E+00	6.4E+04		2.3E-01	1.5E-05	
AOI-22	Zone1	INORG	Antimony	7440-36-0	TOTAL		2				3.40E-03	3.40E-03	6.0E-03	6.8E+01				
AOI-22	Zone1	INORG	Arsenic	7440-38-2	TOTAL	A	2				2.10E-03	2.10E-03	5.0E-02	4.3E+00				
AOI-22	Zone1	INORG	Barium	7440-39-3	TOTAL	D	2	2	4.70E-02	2.00E-01			2.0E+00	1.4E+04		1.0E-01	1.4E-05	
AOI-22	Zone1	INORG	Beryllium	7440-41-7	TOTAL	B1	2				6.00E-04	6.00E-04	4.0E-03	2.9E+02				
AOI-22	Zone1	INORG	Cadmium	7440-43-9	TOTAL	B1	2	1	2.90E-04	2.90E-04	2.80E-04	2.80E-04	5.0E-03	1.9E+02		5.8E-02	1.5E-06	
AOI-22	Zone1	INORG	Calcium	7440-70-2	TOTAL		2	2	4.92E+01	1.62E+02								
AOI-22	Zone1	INORG	Chromium (total)	7440-47-3	TOTAL		2				1.50E-03	1.50E-03	1.0E-01	4.6E+02				
AOI-22	Zone1	INORG	Cobalt	7440-48-4	TOTAL	B1	2	2	1.00E-03	2.20E-03			1.0E-01	2.4E+03		2.2E-02	9.2E-07	
AOI-22	Zone1	INORG	Copper	7440-50-8	TOTAL	D	2	2	1.80E-03	3.60E-03			4.0E+00	7.4E+03		9.0E-04	4.9E-07	
AOI-22	Zone1	INORG	Cyanide (total)	57-12-5	TOTAL	D	2				1.80E-03	1.80E-03	2.0E-01	5.7E+01				
AOI-22	Zone1	INORG	Iron	7439-89-6	TOTAL	D	2	2	9.40E-01	1.10E+00			5.6E+00	5.8E+04		2.0E-01	1.9E-05	
AOI-22	Zone1	INORG	Lead	7439-92-1	TOTAL	B2	2				1.60E-03	1.60E-03	4.0E-03					
AOI-22	Zone1	INORG	Magnesium	7439-95-4	TOTAL		2	2	1.16E+01	3.71E+01			1.1E+03	1.0E+06		3.4E-02	3.7E-05	
AOI-22	Zone1	INORG	Manganese	7439-96-5	TOTAL	D	2	2	1.60E-01	5.40E-01			2.5E+00	9.1E+03		2.2E-01	5.9E-05	
AOI-22	Zone1	INORG	Mercury	7439-97-6	TOTAL	D	2				8.70E-05	8.70E-05	2.0E-03	5.6E-02	4.6E+01			
AOI-22	Zone1	INORG	Nickel	7440-02-0	TOTAL	A	2	2	3.00E-03	3.60E-03			1.0E-01	7.4E+04		3.6E-02	4.9E-08	
AOI-22	Zone1	INORG	Potassium	7440-09-7	TOTAL		2				2.30E-02	2.30E-02						
AOI-22	Zone1	INORG	Selenium	7782-49-2	TOTAL	D	2				4.70E-03	4.70E-03	5.0E-02	9.7E+02				
AOI-22	Zone1	INORG	Silver	7440-22-4	TOTAL	D	2				9.80E-04	9.80E-04	9.8E-02	1.5E+03				
AOI-22	Zone1	INORG	Sodium	7440-23-5	TOTAL		2	2	1.50E+01	3.55E+02			3.5E+02	1.0E+06		1.0E+00	3.6E-04	
AOI-22	Zone1	INORG	Thallium	7440-28-0	TOTAL		2				5.20E-03	5.20E-03	2.0E-03	1.3E+01				
AOI-22	Zone1	INORG	Vanadium	7440-62-2	TOTAL		2	2	1.50E-03	2.30E-03			6.2E-02	9.7E+02		3.7E-02	2.4E-06	
AOI-22	Zone1	INORG	Zinc	7440-66-6	TOTAL	D	2				1.40E-02	1.40E-02	5.0E+00	1.1E+05				
AOI-26	Zone1	VOC	Acetone	67-64-1	TOTAL	ID	27	8	2.30E-03	2.80E-01	1.10E-03	1.20E-02	2.1E+00	3.1E+04	1.6E+08	1.3E-01	9.0E-06	1.8E-09
AOI-26	Zone1	VOC	Benzene	71-43-2	TOTAL	A	33	2	4.90E-04	1.30E-03	3.70E-04	6.20E-02	5.0E-03	1.1E+01	4.3E+03	2.6E-01	1.2E-04	3.0E-07
AOI-26	Zone1	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	27				3.20E-04	5.30E-02	1.0E-01	1.4E+01				
AOI-26	Zone1	VOC	Bromoform	75-25-2	TOTAL	B2	27				3.70E-04	6.20E-02	1.0E-01	1.4E+02	5.2E+04			
AOI-26	Zone1	VOC	Bromomethane	74-83-9	TOTAL	D	27	1	2.10E-03	2.10E-03	3.00E-04	5.00E-02	2.9E-02	7.0E+01	4.7E+03	7.2E-02	3.0E-05	4.5E-07
AOI-26	Zone1	VOC	2-Butanone	78-93-3	TOTAL	ID	27				5.90E-04	9.80E-02	3.8E+01	2.4E+05	3.7E+07			
AOI-26	Zone1	VOC	Carbon Disulfide	75-15-0	TOTAL		27				2.40E-04	4.00E-02	2.3E+00	1.2E+03	6.8E+03			

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-26	Zone1	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	27				3.70E-04	6.20E-02	5.0E-03	4.6E+00	8.2E+03			
AOI-26	Zone1	VOC	Chlorobenzene	108-90-7	TOTAL	D	33	3	7.90E-03	3.20E-02	3.80E-04	6.30E-02	1.0E-01	8.6E+01	6.6E+05	3.2E-01	3.7E-04	4.8E-08
AOI-26	Zone1	VOC	Chloroethane	75-00-3	TOTAL		27	5	4.10E-04	7.20E-02	2.90E-04	4.80E-02	1.7E+00	4.4E+02	7.6E+06	4.2E-02	1.6E-04	9.5E-09
AOI-26	Zone1	VOC	Chloroform	67-66-3	TOTAL	B2	33	1	1.10E-02	1.10E-02	3.50E-04	5.80E-02	1.0E-01	1.5E+02	1.7E+04	1.1E-01	7.3E-05	6.6E-07
AOI-26	Zone1	VOC	Chloromethane	74-87-3	TOTAL	D	27				4.90E-04	8.20E-02	1.1E+00	4.9E+02	8.7E+04			
AOI-26	Zone1	VOC	Cumene	98-82-8	TOTAL	D	27	1	2.00E-03	2.00E-03	3.90E-04	6.50E-02	2.3E+00	5.6E+01	6.9E+04	8.7E-04	3.6E-05	2.9E-08
AOI-26	Zone1	VOC	Cyclohexane	110-82-7	TOTAL	ID	27	1	1.60E-03	1.60E-03	3.30E-04	5.50E-02			3.5E+05			4.5E-09
AOI-26	Zone1	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	27				8.20E-04	1.40E-01	2.0E-04	3.9E-01				
AOI-26	Zone1	VOC	Dibromochloromethane	124-48-1	TOTAL	C	27				3.70E-04	6.20E-02	1.0E-01	1.8E+01				
AOI-26	Zone1	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	27				3.40E-04	5.70E-02	1.0E-03	2.5E-02				
AOI-26	Zone1	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	33	3	3.20E-02	7.60E-02	3.80E-04	6.30E-02	6.0E-01	1.6E+02	4.7E+05	1.3E-01	4.8E-04	1.6E-07
AOI-26	Zone1	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	27				3.80E-04	6.30E-02	1.9E-02	2.0E+00				
AOI-26	Zone1	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	33	2	5.70E-03	7.60E-03	3.80E-04	6.30E-02	7.5E-02	6.4E+00	1.2E+06	1.0E-01	1.2E-03	6.5E-09
AOI-26	Zone1	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		27				4.90E-04	8.20E-02	4.8E+00	3.0E+02	1.6E+06			
AOI-26	Zone1	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	33	18	7.80E-04	3.60E-01	3.00E-04	7.50E-04	2.5E+00	2.4E+03	5.4E+05	1.4E-01	1.5E-04	6.6E-07
AOI-26	Zone1	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	33	4	4.90E-03	1.70E-02	2.80E-04	4.70E-02	5.0E-03	1.9E+01	1.8E+04	3.4E+00	8.9E-04	9.2E-07
AOI-26	Zone1	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	33	8	1.50E-03	6.00E-02	3.10E-04	7.80E-04	7.0E-03	1.1E+01	1.2E+04	8.6E+00	5.5E-03	5.0E-06
AOI-26	Zone1	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	33	21	9.60E-04	4.40E-01	3.50E-04	5.80E-02	7.0E-02	2.0E+02	1.3E+06	6.3E+00	2.2E-03	3.4E-07
AOI-26	Zone1	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		33	8	5.20E-04	1.70E-02	3.30E-04	5.50E-02	1.0E-01	2.2E+02	7.7E+05	1.7E-01	7.7E-05	2.2E-08
AOI-26	Zone1	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	27				4.10E-04	6.80E-02	5.0E-03	1.6E+01	7.8E+05			
AOI-26	Zone1	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	27				3.50E-04	5.80E-02	3.5E-02	5.5E+00	4.0E+03			
AOI-26	Zone1	VOC	Ethyl Benzene	100-41-4	TOTAL	D	33	1	1.40E-03	1.40E-03	4.10E-04	6.80E-02	7.0E-01	1.7E+02	5.6E+05	2.0E-03	8.2E-06	2.5E-09
AOI-26	Zone1	VOC	2-Hexanone	591-78-6	TOTAL		27				5.80E-04	9.70E-02	2.9E+00	5.2E+03				
AOI-26	Zone1	VOC	Methyl Acetate	79-20-9	TOTAL		27				5.40E-04	9.00E-02			2.5E+07			
AOI-26	Zone1	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		27				2.70E-04	4.50E-02	6.9E-01	6.1E+02	6.3E+05			
AOI-26	Zone1	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	27	1	4.20E-04	4.20E-04	2.60E-04	4.30E-02	5.2E+00	1.3E+04	1.1E+07	8.1E-05	3.2E-08	3.8E-11
AOI-26	Zone1	VOC	Methylcyclohexane	108-87-2	TOTAL		27	1	4.40E-03	4.40E-03	4.20E-04	7.00E-02			1.5E+06			3.0E-09
AOI-26	Zone1	VOC	Methylene Chloride	75-09-2	TOTAL	B2	33	1	5.20E-03	5.20E-03	2.90E-04	4.80E-02	5.0E-03	2.2E+02	2.1E+05	1.0E+00	2.4E-05	2.5E-08
AOI-26	Zone1	VOC	Styrene	100-42-5	TOTAL		27				3.50E-04	5.80E-02	1.0E-01	9.7E+00	5.1E+05			
AOI-26	Zone1	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	27				3.60E-04	6.00E-02	3.5E-02	4.7E+00	8.5E+04			
AOI-26	Zone1	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	33				4.20E-04	7.00E-02	5.0E-03	1.2E+01	1.4E+05			
AOI-26	Zone1	VOC	Toluene	108-88-3	TOTAL	D	33	1	9.40E-04	9.40E-04	3.90E-04	6.50E-02	1.0E+00	5.3E+02	4.9E+05	9.4E-04	1.8E-06	1.9E-09
AOI-26	Zone1	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	27				4.00E-04	6.70E-02	7.0E-02	1.9E+01				
AOI-26	Zone1	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	33	13	8.00E-04	3.30E+00	3.90E-04	9.80E-04	2.0E-01	1.3E+03	1.6E+06	1.7E+01	2.5E-03	2.1E-06
AOI-26	Zone1	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	33				3.60E-04	6.00E-02	5.0E-03	2.1E+01	2.3E+05			
AOI-26	Zone1	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	33	18	4.80E-04	9.10E-01	4.20E-04	7.00E-02	5.0E-03	2.2E+01	2.8E+05	1.8E+02	4.1E-02	3.3E-06
AOI-26	Zone1	VOC	Trichlorofluoromethane	75-69-4	TOTAL		27				5.40E-04	9.00E-02	7.3E+00	1.1E+03	2.3E+06			
AOI-26	Zone1	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	TOTAL		27				3.20E-04	5.30E-02	1.7E+02	1.7E+02	2.4E+06			
AOI-26	Zone1	VOC	Vinyl Chloride	75-01-4	TOTAL	A	27	15	4.00E-04	2.00E-01	3.60E-04	6.00E-02	2.0E-03	1.0E+00	1.3E+03	1.0E+02	2.0E-01	1.5E-04
AOI-26	Zone1	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	33	1	8.90E-03	8.90E-03	4.40E-04	7.30E-02	1.0E+01	1.9E+02	5.7E+05	8.9E-04	4.7E-05	1.6E-08
AOI-26	Zone1	SVOC	Acenaphthene	83-32-9	TOTAL		1				8.00E-04	8.00E-04	3.8E+00	4.2E+00				
AOI-26	Zone1	SVOC	Acenaphthylene	208-96-8	TOTAL	D	1				7.10E-04	7.10E-04	1.5E-01	3.9E+00				
AOI-26	Zone1	SVOC	Acetophenone	98-86-2	TOTAL	D	1				2.60E-03	2.60E-03	4.4E+00	6.1E+03	1.5E+07			
AOI-26	Zone1	SVOC	Anthracene	120-12-7	TOTAL	D	1				6.80E-04	6.80E-04	4.3E-02	4.3E-02				
AOI-26	Zone1	SVOC	Atrazine	1912-24-9	TOTAL	C	1				2.50E-03	2.50E-03	3.0E-03	5.4E+00	1.7E+09			
AOI-26	Zone1	SVOC	Benzaldehyde	100-52-7	TOTAL		1				2.80E-03	2.80E-03						
AOI-26	Zone1	SVOC	Benzo(a)anthracene	56-55-3	TOTAL	B2	1				7.00E-04	7.00E-04	8.5E-03	9.4E-03				
AOI-26	Zone1	SVOC	Benzo(a)pyrene	50-32-8	TOTAL	B2	1				7.30E-04	7.30E-04	5.0E-03	2.0E-03				
AOI-26	Zone1	SVOC	Benzo(b)fluoranthene	205-99-2	TOTAL	B2	1				9.40E-04	9.40E-04	2.0E-03	2.0E-03				
AOI-26	Zone1	SVOC	Benzo(g,h,i)perylene	191-24-2	TOTAL	D	1				8.50E-04	8.50E-04	5.0E-03	5.0E-03				
AOI-26	Zone1	SVOC	Benzo(k)fluoranthene	207-08-9	TOTAL	B2	1				8.40E-04	8.40E-04	5.0E-03	5.0E-03				
AOI-26	Zone1	SVOC	Biphenyl	92-52-4	TOTAL	D	1				2.60E-03	2.60E-03						

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-26	Zone1	SVOC	bis(2-Chloroethoxy)methane	111-91-1	TOTAL	D	1				8.70E-04	8.70E-04						
AOI-26	Zone1	SVOC	bis(2-Chloroethyl) ether	111-44-4	TOTAL	B2	1				9.70E-04	9.70E-04	8.3E-03	5.7E+00	5.6E+06			
AOI-26	Zone1	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	TOTAL	B2	1				2.70E-03	2.70E-03	6.0E-03	3.2E-01	1.6E+08			
AOI-26	Zone1	SVOC	4-Bromophenyl-phenyl ether	101-55-3	TOTAL	D	1				8.80E-04	8.80E-04						
AOI-26	Zone1	SVOC	Butylbenzylphthalate	85-68-7	TOTAL	C	1				8.80E-04	8.80E-04	2.7E+00	2.7E+00				
AOI-26	Zone1	SVOC	Caprolactam	105-60-2	TOTAL		1				2.50E-03	2.50E-03	1.7E+01	3.9E+05				
AOI-26	Zone1	SVOC	Carbazole	86-74-8	TOTAL	B2	1				8.20E-04	8.20E-04	3.5E-01	7.4E+00				
AOI-26	Zone1	SVOC	4-Chloro-3-methylphenol	59-50-7	TOTAL		1				9.90E-04	9.90E-04	4.2E-01	7.9E+01				
AOI-26	Zone1	SVOC	4-Chloroaniline	106-47-8	TOTAL		1				6.10E-04	6.10E-04						
AOI-26	Zone1	SVOC	2-Chloronaphthalene	91-58-7	TOTAL		1				8.50E-04	8.50E-04	5.2E+00	6.7E+00				
AOI-26	Zone1	SVOC	2-Chlorophenol	95-57-8	TOTAL		1				1.00E-03	1.00E-03	1.3E-01	9.4E+01				
AOI-26	Zone1	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3	TOTAL		1				7.90E-04	7.90E-04						
AOI-26	Zone1	SVOC	Chrysene	218-01-9	TOTAL	B2	1				7.50E-04	7.50E-04	5.0E-03	5.0E-03				
AOI-26	Zone1	SVOC	Dibenz(a,h)anthracene	53-70-3	TOTAL	B2	1				7.90E-04	7.90E-04	2.0E-03	2.0E-03				
AOI-26	Zone1	SVOC	Dibenzofuran	132-64-9	TOTAL	D	1				1.10E-03	1.10E-03						
AOI-26	Zone1	SVOC	3,3'-Dichlorobenzidine	91-94-1	TOTAL	B2	1				9.30E-04	9.30E-04	4.3E-03	1.8E-01				
AOI-26	Zone1	SVOC	2,4-Dichlorophenol	120-83-2	TOTAL		1				8.50E-04	8.50E-04	2.1E-01	4.8E+01				
AOI-26	Zone1	SVOC	Diethylphthalate	84-66-2	TOTAL	D	1				6.50E-04	6.50E-04	1.6E+01	1.1E+03	3.6E+07			
AOI-26	Zone1	SVOC	2,4-Dimethylphenol	105-67-9	TOTAL		1				8.50E-04	8.50E-04	1.0E+00	5.2E+02				
AOI-26	Zone1	SVOC	Dimethylphthalate	131-11-3	TOTAL	D	1				7.60E-04	7.60E-04	2.1E+02	4.2E+03	1.5E+08			
AOI-26	Zone1	SVOC	Di-n-butylphthalate	84-74-2	TOTAL	D	1				6.70E-04	6.70E-04	2.5E+00	1.1E+01	1.4E+09			
AOI-26	Zone1	SVOC	4,6-Dinitro-2-methylphenol	534-52-1	TOTAL		1				1.30E-03	1.30E-03	2.0E-02	9.5E+00				
AOI-26	Zone1	SVOC	2,4-Dinitrophenol	51-28-5	TOTAL		1				3.00E-03	3.00E-03						
AOI-26	Zone1	SVOC	2,4-Dinitrotoluene	121-14-2	TOTAL	B2	1				7.90E-04	7.90E-04	3.2E-02	8.6E+00				
AOI-26	Zone1	SVOC	2,6-Dinitrotoluene	606-20-2	TOTAL	B2	1				5.70E-04	5.70E-04						
AOI-26	Zone1	SVOC	Di-n-octylphthalate	117-84-0	TOTAL		1				1.10E-03	1.10E-03	3.8E-01	4.0E-01				
AOI-26	Zone1	SVOC	Fluoranthene	206-44-0	TOTAL	D	1				8.10E-04	8.10E-04	2.1E-01	2.1E-01				
AOI-26	Zone1	SVOC	Fluorene	86-73-7	TOTAL	D	1				1.00E-03	1.00E-03	2.0E+00	2.0E+00				
AOI-26	Zone1	SVOC	Hexachlorobenzene	118-74-1	TOTAL	B2	1				7.40E-04	7.40E-04	1.0E-03	4.6E-03	9.1E+00			
AOI-26	Zone1	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	1				7.30E-04	7.30E-04	4.2E-02	4.0E-01	3.0E+01			
AOI-26	Zone1	SVOC	Hexachlorocyclopentadiene	77-47-4	TOTAL	E	1				1.10E-03	1.10E-03	5.0E-02	1.6E+00	1.1E+02			
AOI-26	Zone1	SVOC	Hexachloroethane	67-72-1	TOTAL	C	1				7.40E-04	7.40E-04	2.1E-02	1.9E+00	5.8E+04			
AOI-26	Zone1	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	TOTAL	B2	1				6.30E-04	6.30E-04	2.0E-03	2.0E-03				
AOI-26	Zone1	SVOC	Isophorone	78-59-1	TOTAL	C	1				6.30E-04	6.30E-04	3.1E+00	9.9E+02	1.2E+07			
AOI-26	Zone1	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	1				6.40E-04	6.40E-04	7.5E-01	2.5E+01				
AOI-26	Zone1	SVOC	Methylphenol (total)	1319-77-3	TOTAL		1				1.30E-03	1.30E-03	1.0E+00	8.1E+02	8.2E+07			
AOI-26	Zone1	SVOC	Naphthalene	91-20-3	TOTAL	C	1				7.50E-04	7.50E-04	1.5E+00	3.1E+01	4.7E+05			
AOI-26	Zone1	SVOC	2-Nitroaniline	88-74-4	TOTAL		1				7.00E-04	7.00E-04						
AOI-26	Zone1	SVOC	3-Nitroaniline	99-09-2	TOTAL	C	1				7.10E-04	7.10E-04						
AOI-26	Zone1	SVOC	4-Nitroaniline	100-01-6	TOTAL	C	1				1.30E-03	1.30E-03			6.7E+08			
AOI-26	Zone1	SVOC	Nitrobenzene	98-95-3	TOTAL	D	1				8.10E-04	8.10E-04	9.6E-03	1.1E+01	7.2E+05			
AOI-26	Zone1	SVOC	2-Nitrophenol	88-75-5	TOTAL		1				2.10E-03	2.10E-03	5.8E-02	7.9E+01				
AOI-26	Zone1	SVOC	4-Nitrophenol	100-02-7	TOTAL		1				1.90E-03	1.90E-03						
AOI-26	Zone1	SVOC	N-Nitrosodiphenylamine	86-30-6	TOTAL	B2	1				1.40E-03	1.40E-03	1.1E+00	3.5E+01				
AOI-26	Zone1	SVOC	N-Nitroso-di-n-propylamine	621-64-7	TOTAL	B2	1				6.70E-04	6.70E-04	5.0E-03	3.6E-01				
AOI-26	Zone1	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	TOTAL	C	1				7.80E-04	7.80E-04						
AOI-26	Zone1	SVOC	Pentachlorophenol	87-86-5	TOTAL	B2	1				2.40E-03	2.40E-03	1.0E-03	2.0E-01	6.1E+07			
AOI-26	Zone1	SVOC	Phenanthrene	85-01-8	TOTAL	D	1				8.20E-04	8.20E-04	1.5E-01	1.0E+00				
AOI-26	Zone1	SVOC	Phenol	108-95-2	TOTAL	ID	1				2.60E-03	2.60E-03	1.3E+01	2.9E+04	1.5E+08			
AOI-26	Zone1	SVOC	Pyrene	129-00-0	TOTAL	D	1				1.10E-03	1.10E-03	1.4E-01	1.4E-01				
AOI-26	Zone1	SVOC	2,4,5-Trichlorophenol	95-95-4	TOTAL		1				1.20E-03	1.20E-03	2.1E+00	1.7E+02				
AOI-26	Zone1	SVOC	2,4,6-Trichlorophenol	88-06-2	TOTAL	B2	1				1.70E-03	1.70E-03	4.7E-01	1.0E+01				

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-26	Zone1	P/PCB	PCBs (total)	1336-36-3	TOTAL	B2	1				8.20E-05	8.20E-05	5.0E-04	3.3E-03	1.1E+03			
AOI-26	Zone1	INORG	Aluminum	7429-90-5	TOTAL	D	1	1	3.30E-01	3.30E-01			4.1E+00	6.4E+04		8.0E-02	5.2E-06	
AOI-26	Zone1	INORG	Antimony	7440-36-0	TOTAL		1				3.40E-03	3.40E-03	6.0E-03	6.8E+01				
AOI-26	Zone1	INORG	Arsenic	7440-38-2	TOTAL	A	1	1	2.10E-02	2.10E-02			5.0E-02	4.3E+00		4.2E-01	4.9E-03	
AOI-26	Zone1	INORG	Barium	7440-39-3	TOTAL	D	1	1	1.00E-01	1.00E-01			2.0E+00	1.4E+04		5.0E-02	7.1E-06	
AOI-26	Zone1	INORG	Beryllium	7440-41-7	TOTAL	B1	1				6.00E-04	6.00E-04	4.0E-03	2.9E+02				
AOI-26	Zone1	INORG	Cadmium	7440-43-9	TOTAL	B1	1	1	4.40E-03	4.40E-03			5.0E-03	1.9E+02		8.8E-01	2.3E-05	
AOI-26	Zone1	INORG	Calcium	7440-70-2	TOTAL		1	1	1.60E+02	1.60E+02								
AOI-26	Zone1	INORG	Chromium (total)	7440-47-3	TOTAL		1	1	2.30E-03	2.30E-03			1.0E-01	4.6E+02		2.3E-02	5.0E-06	
AOI-26	Zone1	INORG	Cobalt	7440-48-4	TOTAL	B1	1	1	2.30E-03	2.30E-03			1.0E-01	2.4E+03		2.3E-02	9.6E-07	
AOI-26	Zone1	INORG	Copper	7440-50-8	TOTAL	D	1				1.70E-03	1.70E-03	4.0E+00	7.4E+03				
AOI-26	Zone1	INORG	Cyanide (total)	57-12-5	TOTAL	D	1	1	4.30E-03	4.30E-03			2.0E-01	5.7E+01		2.2E-02	7.5E-05	
AOI-26	Zone1	INORG	Iron	7439-89-6	TOTAL	D	4	4	3.90E+00	1.29E+01			5.6E+00	5.8E+04		2.3E+00	2.2E-04	
AOI-26	Zone1	INORG	Lead	7439-92-1	TOTAL	B2	1				1.60E-03	1.60E-03	4.0E-03					
AOI-26	Zone1	INORG	Magnesium	7439-95-4	TOTAL		1	1	5.24E+01	5.24E+01			1.1E+03	1.0E+06		4.8E-02	5.2E-05	
AOI-26	Zone1	INORG	Manganese	7439-96-5	DISSOLVED	D	3	3	3.30E-02	6.60E-01			2.5E+00	9.1E+03		2.6E-01	7.3E-05	
AOI-26	Zone1	INORG	Manganese	7439-96-5	TOTAL	D	4	4	7.40E-02	8.50E-01			2.5E+00	9.1E+03		3.4E-01	9.3E-05	
AOI-26	Zone1	INORG	Mercury	7439-97-6	TOTAL	D	1	1	1.20E-04	1.20E-04			2.0E-03	5.6E-02	4.6E+01	6.0E-02	2.1E-03	2.6E-06
AOI-26	Zone1	INORG	Nickel	7440-02-0	TOTAL	A	1	1	5.60E-03	5.60E-03			1.0E-01	7.4E+04		5.6E-02	7.6E-08	
AOI-26	Zone1	INORG	Nitrate	14797-55-8	TOTAL		3	1	2.00E-01	2.00E-01	2.00E-02	2.00E-02	1.0E+01	3.1E+05		2.0E-02	6.5E-07	
AOI-26	Zone1	INORG	Phosphorous (total)	7723-14-0	TOTAL		3	2	2.00E-02	1.00E-01	2.00E-02	2.00E-02	2.4E+02			4.2E-04		
AOI-26	Zone1	INORG	Potassium	7440-09-7	TOTAL		1	1	2.10E+00	2.10E+00								
AOI-26	Zone1	INORG	Selenium	7782-49-2	TOTAL	D	1				4.70E-03	4.70E-03	5.0E-02	9.7E+02				
AOI-26	Zone1	INORG	Silver	7440-22-4	TOTAL	D	1				1.30E-04	1.30E-04	9.8E-02	1.5E+03				
AOI-26	Zone1	INORG	Sodium	7440-23-5	TOTAL		1	1	2.61E+02	2.61E+02			3.5E+02	1.0E+06		7.5E-01	2.6E-04	
AOI-26	Zone1	INORG	Thallium	7440-28-0	TOTAL		1				3.30E-05	3.30E-05	2.0E-03	1.3E+01				
AOI-26	Zone1	INORG	Vanadium	7440-62-2	TOTAL		1	1	1.40E-03	1.40E-03			6.2E-02	9.7E+02		2.3E-02	1.4E-06	
AOI-26	Zone1	INORG	Zinc	7440-66-6	TOTAL	D	1	1	1.90E+00	1.90E+00			5.0E+00	1.1E+05		3.8E-01	1.7E-05	
AOI-26	Zone2	VOC	Acetone	67-64-1	TOTAL	ID	8	3	6.20E-02	6.90E-01	5.10E-04	1.10E-03	2.1E+00	3.1E+04	1.6E+08	3.3E-01	2.2E-05	4.4E-09
AOI-26	Zone2	VOC	Benzene	71-43-2	TOTAL	A	8	1	5.50E-04	5.50E-04	1.60E-04	7.40E-03	5.0E-03	1.1E+01	4.3E+03	1.1E-01	5.0E-05	1.3E-07
AOI-26	Zone2	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	8				1.70E-04	6.40E-03	1.0E-01	1.4E+01				
AOI-26	Zone2	VOC	Bromoform	75-25-2	TOTAL	B2	8				1.80E-04	7.40E-03	1.0E-01	1.4E+02	5.2E+04			
AOI-26	Zone2	VOC	Bromomethane	74-83-9	TOTAL	D	8				2.00E-04	6.00E-03	2.9E-02	7.0E+01	4.7E+03			
AOI-26	Zone2	VOC	2-Butanone	78-93-3	TOTAL	ID	8				4.10E-04	1.20E-02	3.8E+01	2.4E+05	3.7E+07			
AOI-26	Zone2	VOC	Carbon Disulfide	75-15-0	TOTAL		8	1	6.80E-04	6.80E-04	2.40E-04	4.80E-03	2.3E+00	1.2E+03	6.8E+03	3.0E-04	5.7E-07	1.0E-07
AOI-26	Zone2	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	8				1.20E-04	7.40E-03	5.0E-03	4.6E+00	8.2E+03			
AOI-26	Zone2	VOC	Chlorobenzene	108-90-7	TOTAL	D	8				1.40E-04	7.60E-03	1.0E-01	8.6E+01	6.6E+05			
AOI-26	Zone2	VOC	Chloroethane	75-00-3	TOTAL		8	1	1.00E-03	1.00E-03	2.60E-04	5.80E-03	1.7E+00	4.4E+02	7.6E+06	5.9E-04	2.3E-06	1.3E-10
AOI-26	Zone2	VOC	Chloroform	67-66-3	TOTAL	B2	8				1.40E-04	7.00E-03	1.0E-01	1.5E+02	1.7E+04			
AOI-26	Zone2	VOC	Chloromethane	74-87-3	TOTAL	D	8				1.30E-04	9.80E-03	1.1E+00	4.9E+02	8.7E+04			
AOI-26	Zone2	VOC	Cumene	98-82-8	TOTAL	D	8				1.20E-04	7.80E-03	2.3E+00	5.6E+01	6.9E+04			
AOI-26	Zone2	VOC	Cyclohexane	110-82-7	TOTAL	ID	8				1.30E-04	6.60E-03			3.5E+05			
AOI-26	Zone2	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	8				6.20E-04	1.60E-02	2.0E-04	3.9E-01				
AOI-26	Zone2	VOC	Dibromochloromethane	124-48-1	TOTAL	C	8				2.60E-04	7.40E-03	1.0E-01	1.8E+01				
AOI-26	Zone2	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	8				2.20E-04	6.80E-03	1.0E-03	2.5E-02				
AOI-26	Zone2	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	8				1.10E-04	7.60E-03	6.0E-01	1.6E+02	4.7E+05			
AOI-26	Zone2	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	8				1.50E-04	7.60E-03	1.9E-02	2.0E+00				
AOI-26	Zone2	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	8				1.70E-04	7.60E-03	7.5E-02	6.4E+00	1.2E+06			
AOI-26	Zone2	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		8				2.60E-04	9.80E-03	4.8E+00	3.0E+02	1.6E+06			
AOI-26	Zone2	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	8	6	2.30E-04	5.20E-03	3.00E-03	6.00E-03	2.5E+00	2.4E+03	5.4E+05	2.1E-03	2.2E-06	9.6E-09
AOI-26	Zone2	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	8				2.10E-04	5.60E-03	5.0E-03	1.9E+01	1.8E+04			
AOI-26	Zone2	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	8				2.40E-04	6.20E-03	7.0E-03	1.1E+01	1.2E+04			

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-26	Zone2	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	8	2	3.50E-04	4.50E-03	3.50E-04	7.00E-03	7.0E-02	2.0E+02	1.3E+06	6.4E-02	2.3E-05	3.5E-09
AOI-26	Zone2	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		8				1.50E-04	6.60E-03	1.0E-01	2.2E+02	7.7E+05			
AOI-26	Zone2	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	8				1.70E-04	8.20E-03	5.0E-03	1.6E+01	7.8E+05			
AOI-26	Zone2	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	8				2.70E-04	7.00E-03	3.5E-02	5.5E+00	4.0E+03			
AOI-26	Zone2	VOC	Ethyl Benzene	100-41-4	TOTAL	D	8	1	1.60E-04	1.60E-04	4.10E-04	8.20E-03	7.0E-01	1.7E+02	5.6E+05	2.3E-04	9.4E-07	2.9E-10
AOI-26	Zone2	VOC	2-Hexanone	591-78-6	TOTAL		8				4.60E-04	1.20E-02	2.9E+00	5.2E+03				
AOI-26	Zone2	VOC	Methyl Acetate	79-20-9	TOTAL		8				4.10E-04	1.10E-02			2.5E+07			
AOI-26	Zone2	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		8				1.30E-04	5.40E-03	6.9E-01	6.1E+02	6.3E+05			
AOI-26	Zone2	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	8				2.30E-04	5.20E-03	5.2E+00	1.3E+04	1.1E+07			
AOI-26	Zone2	VOC	Methylcyclohexane	108-87-2	TOTAL		8				1.50E-04	8.40E-03			1.5E+06			
AOI-26	Zone2	VOC	Methylene Chloride	75-09-2	TOTAL	B2	8				2.90E-04	5.80E-03	5.0E-03	2.2E+02	2.1E+05			
AOI-26	Zone2	VOC	Styrene	100-42-5	TOTAL		8				1.50E-04	7.00E-03	1.0E-01	9.7E+00	5.1E+05			
AOI-26	Zone2	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	8				2.50E-04	7.20E-03	3.5E-02	4.7E+00	8.5E+04			
AOI-26	Zone2	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	8				2.30E-04	8.40E-03	5.0E-03	1.2E+01	1.4E+05			
AOI-26	Zone2	VOC	Toluene	108-88-3	TOTAL	D	8	1	3.60E-04	3.60E-04	3.90E-04	7.80E-03	1.0E+00	5.3E+02	4.9E+05	3.6E-04	6.8E-07	7.4E-10
AOI-26	Zone2	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	8				1.70E-04	8.00E-03	7.0E-02	1.9E+01				
AOI-26	Zone2	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	8				1.50E-04	7.80E-03	2.0E-01	1.3E+03	1.6E+06			
AOI-26	Zone2	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	8				3.00E-04	7.20E-03	5.0E-03	2.1E+01	2.3E+05			
AOI-26	Zone2	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	8	2	6.40E-04	2.60E-03	4.20E-04	8.40E-03	5.0E-03	2.2E+01	2.8E+05	5.2E-01	1.2E-04	9.4E-09
AOI-26	Zone2	VOC	Trichlorofluoromethane	75-69-4	TOTAL		8				2.80E-04	1.10E-02	7.3E+00	1.1E+03	2.3E+06			
AOI-26	Zone2	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	TOTAL		8				3.20E-04	6.40E-03	1.7E+02	1.7E+02	2.4E+06			
AOI-26	Zone2	VOC	Vinyl Chloride	75-01-4	TOTAL	A	8	2	4.70E-04	6.50E-04	3.60E-04	7.20E-03	2.0E-03	1.0E+00	1.3E+03	3.3E-01	6.5E-04	5.0E-07
AOI-26	Zone2	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	8				3.30E-04	8.80E-03	1.0E+01	1.9E+02	5.7E+05			
AOI-26	Zone2	SVOC	Acenaphthene	83-32-9	TOTAL		1				8.00E-04	8.00E-04	3.8E+00	4.2E+00				
AOI-26	Zone2	SVOC	Acenaphthylene	208-96-8	TOTAL	D	1				7.10E-04	7.10E-04	1.5E-01	3.9E+00				
AOI-26	Zone2	SVOC	Acetophenone	98-86-2	TOTAL	D	1				2.60E-03	2.60E-03	4.4E+00	6.1E+03	1.5E+07			
AOI-26	Zone2	SVOC	Anthracene	120-12-7	TOTAL	D	1				6.80E-04	6.80E-04	4.3E-02	4.3E-02				
AOI-26	Zone2	SVOC	Atrazine	1912-24-9	TOTAL	C	1				2.50E-03	2.50E-03	3.0E-03	5.4E+00	1.7E+09			
AOI-26	Zone2	SVOC	Benzaldehyde	100-52-7	TOTAL		1				2.80E-03	2.80E-03						
AOI-26	Zone2	SVOC	Benzo(a)anthracene	56-55-3	TOTAL	B2	1				7.00E-04	7.00E-04	8.5E-03	9.4E-03				
AOI-26	Zone2	SVOC	Benzo(a)pyrene	50-32-8	TOTAL	B2	1				4.90E-05	4.90E-05	5.0E-03	2.0E-03				
AOI-26	Zone2	SVOC	Benzo(b)fluoranthene	205-99-2	TOTAL	B2	1				9.40E-04	9.40E-04	2.0E-03	2.0E-03				
AOI-26	Zone2	SVOC	Benzo(g,h,i)perylene	191-24-2	TOTAL	D	1				1.40E-05	1.40E-05	5.0E-03	5.0E-03				
AOI-26	Zone2	SVOC	Benzo(k)fluoranthene	207-08-9	TOTAL	B2	1				4.30E-05	4.30E-05	5.0E-03	5.0E-03				
AOI-26	Zone2	SVOC	Biphenyl	92-52-4	TOTAL	D	1				2.60E-03	2.60E-03						
AOI-26	Zone2	SVOC	bis(2-Chloroethoxy)methane	111-91-1	TOTAL	D	1				8.70E-04	8.70E-04						
AOI-26	Zone2	SVOC	bis(2-Chloroethyl) ether	111-44-4	TOTAL	B2	1				2.80E-05	2.80E-05	8.3E-03	5.7E+00	5.6E+06			
AOI-26	Zone2	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	TOTAL	B2	1				2.70E-03	2.70E-03	6.0E-03	3.2E-01	1.6E+08			
AOI-26	Zone2	SVOC	4-Bromophenyl-phenyl ether	101-55-3	TOTAL	D	1				8.80E-04	8.80E-04						
AOI-26	Zone2	SVOC	Butylbenzylphthalate	85-68-7	TOTAL	C	1				8.80E-04	8.80E-04	2.7E+00	2.7E+00				
AOI-26	Zone2	SVOC	Caprolactam	105-60-2	TOTAL		1				2.50E-03	2.50E-03	1.7E+01	3.9E+05				
AOI-26	Zone2	SVOC	Carbazole	86-74-8	TOTAL	B2	1				8.20E-04	8.20E-04	3.5E-01	7.4E+00				
AOI-26	Zone2	SVOC	4-Chloro-3-methylphenol	59-50-7	TOTAL		1				9.90E-04	9.90E-04	4.2E-01	7.9E+01				
AOI-26	Zone2	SVOC	4-Chloroaniline	106-47-8	TOTAL		1				6.10E-04	6.10E-04						
AOI-26	Zone2	SVOC	2-Chloronaphthalene	91-58-7	TOTAL		1				8.50E-04	8.50E-04	5.2E+00	6.7E+00				
AOI-26	Zone2	SVOC	2-Chlorophenol	95-57-8	TOTAL		1				1.00E-03	1.00E-03	1.3E-01	9.4E+01				
AOI-26	Zone2	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3	TOTAL		1				7.90E-04	7.90E-04						
AOI-26	Zone2	SVOC	Chrysene	218-01-9	TOTAL	B2	1				4.20E-05	4.20E-05	5.0E-03	5.0E-03				
AOI-26	Zone2	SVOC	Dibenz(a,h)anthracene	53-70-3	TOTAL	B2	1				7.90E-04	7.90E-04	2.0E-03	2.0E-03				
AOI-26	Zone2	SVOC	Dibenzofuran	132-64-9	TOTAL	D	1				1.10E-03	1.10E-03						
AOI-26	Zone2	SVOC	3,3'-Dichlorobenzidine	91-94-1	TOTAL	B2	1				2.40E-05	2.40E-05	4.3E-03	1.8E-01				
AOI-26	Zone2	SVOC	2,4-Dichlorophenol	120-83-2	TOTAL		1				8.50E-04	8.50E-04	2.1E-01	4.8E+01				

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-26	Zone2	SVOC	Diethylphthalate	84-66-2	TOTAL	D	1				6.50E-04	6.50E-04	1.6E+01	1.1E+03	3.6E+07			
AOI-26	Zone2	SVOC	2,4-Dimethylphenol	105-67-9	TOTAL		1				8.50E-04	8.50E-04	1.0E+00	5.2E+02				
AOI-26	Zone2	SVOC	Dimethylphthalate	131-11-3	TOTAL	D	1				7.60E-04	7.60E-04	2.1E+02	4.2E+03	1.5E+08			
AOI-26	Zone2	SVOC	Di-n-butylphthalate	84-74-2	TOTAL	D	1				6.70E-04	6.70E-04	2.5E+00	1.1E+01	1.4E+09			
AOI-26	Zone2	SVOC	4,6-Dinitro-2-methylphenol	534-52-1	TOTAL		1				1.30E-03	1.30E-03	2.0E-02	9.5E+00				
AOI-26	Zone2	SVOC	2,4-Dinitrophenol	51-28-5	TOTAL		1				3.00E-03	3.00E-03						
AOI-26	Zone2	SVOC	2,4-Dinitrotoluene	121-14-2	TOTAL	B2	1				7.90E-04	7.90E-04	3.2E-02	8.6E+00				
AOI-26	Zone2	SVOC	2,6-Dinitrotoluene	606-20-2	TOTAL	B2	1				5.70E-04	5.70E-04						
AOI-26	Zone2	SVOC	Di-n-octylphthalate	117-84-0	TOTAL		1				1.10E-03	1.10E-03	3.8E-01	4.0E-01				
AOI-26	Zone2	SVOC	Fluoranthene	206-44-0	TOTAL	D	1				2.00E-04	2.00E-04	2.1E-01	2.1E-01				
AOI-26	Zone2	SVOC	Fluorene	86-73-7	TOTAL	D	1				1.00E-03	1.00E-03	2.0E+00	2.0E+00				
AOI-26	Zone2	SVOC	Hexachlorobenzene	118-74-1	TOTAL	B2	1				7.40E-04	7.40E-04	1.0E-03	4.6E-03	9.1E+00			
AOI-26	Zone2	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	1				7.30E-04	7.30E-04	4.2E-02	4.0E-01	3.0E+01			
AOI-26	Zone2	SVOC	Hexachlorocyclopentadiene	77-47-4	TOTAL	E	1				1.10E-03	1.10E-03	5.0E-02	1.6E+00	1.1E+02			
AOI-26	Zone2	SVOC	Hexachloroethane	67-72-1	TOTAL	C	1				7.40E-04	7.40E-04	2.1E-02	1.9E+00	5.8E+04			
AOI-26	Zone2	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	TOTAL	B2	1				4.00E-05	4.00E-05	2.0E-03	2.0E-03				
AOI-26	Zone2	SVOC	Isophorone	78-59-1	TOTAL	C	1				6.30E-04	6.30E-04	3.1E+00	9.9E+02	1.2E+07			
AOI-26	Zone2	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	1				6.40E-04	6.40E-04	7.5E-01	2.5E+01				
AOI-26	Zone2	SVOC	Methylphenol (total)	1319-77-3	TOTAL		1				1.30E-03	1.30E-03	1.0E+00	8.1E+02	8.2E+07			
AOI-26	Zone2	SVOC	Naphthalene	91-20-3	TOTAL	C	1				7.50E-04	7.50E-04	1.5E+00	3.1E+01	4.7E+05			
AOI-26	Zone2	SVOC	2-Nitroaniline	88-74-4	TOTAL		1				7.00E-04	7.00E-04						
AOI-26	Zone2	SVOC	3-Nitroaniline	99-09-2	TOTAL	C	1				7.10E-04	7.10E-04						
AOI-26	Zone2	SVOC	4-Nitroaniline	100-01-6	TOTAL	C	1				1.30E-03	1.30E-03			6.7E+08			
AOI-26	Zone2	SVOC	Nitrobenzene	98-95-3	TOTAL	D	1				4.00E-05	4.00E-05	9.6E-03	1.1E+01	7.2E+05			
AOI-26	Zone2	SVOC	2-Nitrophenol	88-75-5	TOTAL		1				2.10E-03	2.10E-03	5.8E-02	7.9E+01				
AOI-26	Zone2	SVOC	4-Nitrophenol	100-02-7	TOTAL		1				1.90E-03	1.90E-03						
AOI-26	Zone2	SVOC	N-Nitrosodiphenylamine	86-30-6	TOTAL	B2	1				1.40E-03	1.40E-03	1.1E+00	3.5E+01				
AOI-26	Zone2	SVOC	N-Nitroso-di-n-propylamine	621-64-7	TOTAL	B2	1				6.70E-04	6.70E-04	5.0E-03	3.6E-01				
AOI-26	Zone2	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	TOTAL	C	1				7.80E-04	7.80E-04						
AOI-26	Zone2	SVOC	Pentachlorophenol	87-86-5	TOTAL	B2	1				1.30E-04	1.30E-04	1.0E-03	2.0E-01	6.1E+07			
AOI-26	Zone2	SVOC	Phenanthrene	85-01-8	TOTAL	D	1				8.20E-04	8.20E-04	1.5E-01	1.0E+00				
AOI-26	Zone2	SVOC	Phenol	108-95-2	TOTAL	ID	1				2.60E-03	2.60E-03	1.3E+01	2.9E+04	1.5E+08			
AOI-26	Zone2	SVOC	Pyrene	129-00-0	TOTAL	D	1				1.10E-03	1.10E-03	1.4E-01	1.4E-01				
AOI-26	Zone2	SVOC	2,4,5-Trichlorophenol	95-95-4	TOTAL		1				1.20E-03	1.20E-03	2.1E+00	1.7E+02				
AOI-26	Zone2	SVOC	2,4,6-Trichlorophenol	88-06-2	TOTAL	B2	1				1.70E-03	1.70E-03	4.7E-01	1.0E+01				
AOI-26	Zone2	P/PCB	PCBs (total)	1336-36-3	TOTAL	B2	1				8.20E-05	8.20E-05	5.0E-04	3.3E-03	1.1E+03			
AOI-26	Zone2	INORG	Aluminum	7429-90-5	TOTAL	D	1	1	3.90E+00	3.90E+00			4.1E+00	6.4E+04		9.5E-01	6.1E-05	
AOI-26	Zone2	INORG	Antimony	7440-36-0	TOTAL		1	1	5.80E-03	5.80E-03			6.0E-03	6.8E+01		9.7E-01	8.5E-05	
AOI-26	Zone2	INORG	Arsenic	7440-38-2	TOTAL	A	1	1	1.30E-02	1.30E-02			5.0E-02	4.3E+00		2.6E-01	3.0E-03	
AOI-26	Zone2	INORG	Barium	7440-39-3	TOTAL	D	1	1	1.60E-01	1.60E-01			2.0E+00	1.4E+04		8.0E-02	1.1E-05	
AOI-26	Zone2	INORG	Beryllium	7440-41-7	TOTAL	B1	1				6.00E-04	6.00E-04	4.0E-03	2.9E+02				
AOI-26	Zone2	INORG	Cadmium	7440-43-9	TOTAL	B1	1				2.80E-04	2.80E-04	5.0E-03	1.9E+02				
AOI-26	Zone2	INORG	Calcium	7440-70-2	TOTAL		1	1	9.96E+01	9.96E+01								
AOI-26	Zone2	INORG	Chromium (total)	7440-47-3	TOTAL		1	1	9.20E-03	9.20E-03			1.0E-01	4.6E+02		9.2E-02	2.0E-05	
AOI-26	Zone2	INORG	Cobalt	7440-48-4	TOTAL	B1	1	1	3.20E-03	3.20E-03			1.0E-01	2.4E+03		3.2E-02	1.3E-06	
AOI-26	Zone2	INORG	Copper	7440-50-8	TOTAL	D	1	1	2.00E-02	2.00E-02			4.0E+00	7.4E+03		5.0E-03	2.7E-06	
AOI-26	Zone2	INORG	Cyanide (total)	57-12-5	TOTAL	D	1	1	2.10E-03	2.10E-03			2.0E-01	5.7E+01		1.1E-02	3.7E-05	
AOI-26	Zone2	INORG	Iron	7439-89-6	TOTAL	D	2	2	5.30E+00	1.02E+01			5.6E+00	5.8E+04		1.8E+00	1.8E-04	
AOI-26	Zone2	INORG	Lead	7439-92-1	TOTAL	B2	1	1	1.90E-02	1.90E-02			4.0E-03			4.8E+00		
AOI-26	Zone2	INORG	Magnesium	7439-95-4	TOTAL		1	1	3.46E+01	3.46E+01			1.1E+03	1.0E+06		3.1E-02	3.5E-05	
AOI-26	Zone2	INORG	Manganese	7439-96-5	DISSOLVED	D	1	1	5.90E-02	5.90E-02			2.5E+00	9.1E+03		2.4E-02	6.5E-06	
AOI-26	Zone2	INORG	Manganese	7439-96-5	TOTAL	D	2	2	1.70E-01	3.60E-01			2.5E+00	9.1E+03		1.4E-01	4.0E-05	

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-26	Zone2	INORG	Mercury	7439-97-6	TOTAL	D	1	1	2.10E-04	2.10E-04			2.0E-03	5.6E-02	4.6E+01	1.1E-01	3.8E-03	4.6E-06
AOI-26	Zone2	INORG	Nickel	7440-02-0	TOTAL	A	1	1	1.50E-02	1.50E-02			1.0E-01	7.4E+04		1.5E-01	2.0E-07	
AOI-26	Zone2	INORG	Nitrate	14797-55-8	TOTAL		1				2.00E-02	2.00E-02	1.0E+01	3.1E+05				
AOI-26	Zone2	INORG	Phosphorous (total)	7723-14-0	TOTAL		1	1	1.00E-01	1.00E-01			2.4E+02			4.2E-04		
AOI-26	Zone2	INORG	Potassium	7440-09-7	TOTAL		1	1	1.30E+01	1.30E+01								
AOI-26	Zone2	INORG	Selenium	7782-49-2	TOTAL	D	1				4.70E-03	4.70E-03	5.0E-02	9.7E+02				
AOI-26	Zone2	INORG	Silver	7440-22-4	TOTAL	D	1				1.30E-04	1.30E-04	9.8E-02	1.5E+03				
AOI-26	Zone2	INORG	Sodium	7440-23-5	TOTAL		1	1	1.08E+02	1.08E+02			3.5E+02	1.0E+06		3.1E-01	1.1E-04	
AOI-26	Zone2	INORG	Thallium	7440-28-0	TOTAL		1				3.30E-05	3.30E-05	2.0E-03	1.3E+01				
AOI-26	Zone2	INORG	Vanadium	7440-62-2	TOTAL		1	1	8.20E-03	8.20E-03			6.2E-02	9.7E+02		1.3E-01	8.5E-06	
AOI-26	Zone2	INORG	Zinc	7440-66-6	TOTAL	D	1	1	2.80E-01	2.80E-01			5.0E+00	1.1E+05		5.6E-02	2.5E-06	
AOI-37	Zone1	VOC	Benzene	71-43-2	TOTAL	A	5				1.00E-03	1.00E-03	5.0E-03	1.1E+01	4.3E+03			
AOI-37	Zone1	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	1	1	4.10E-01	4.10E-01			2.5E+00	2.4E+03	5.4E+05	1.6E-01	1.7E-04	7.6E-07
AOI-37	Zone1	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	1						5.0E-03	1.9E+01	1.8E+04			
AOI-37	Zone1	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	1	1	2.90E-01	2.90E-01			7.0E-03	1.1E+01	1.2E+04	**4.1E+01**	2.6E-02	2.4E-05
AOI-37	Zone1	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	1						7.0E-02	2.0E+02	1.3E+06			
AOI-37	Zone1	VOC	Ethyl Benzene	100-41-4	TOTAL	D	5				1.00E-03	1.00E-03	7.0E-01	1.7E+02	5.6E+05			
AOI-37	Zone1	VOC	Toluene	108-88-3	TOTAL	D	5	2	4.50E-02	6.50E-02	1.00E-03	1.00E-03	1.0E+00	5.3E+02	4.9E+05	6.5E-02	1.2E-04	1.3E-07
AOI-37	Zone1	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	1	1	3.10E+00	3.10E+00			2.0E-01	1.3E+03	1.6E+06	**1.6E+01**	2.4E-03	2.0E-06
AOI-37	Zone1	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	1						5.0E-03	2.2E+01	2.8E+05			
AOI-37	Zone1	VOC	Vinyl Chloride	75-01-4	TOTAL	A	1						2.0E-03	1.0E+00	1.3E+03			
AOI-37	Zone1	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	5				1.00E-03	3.00E-03	1.0E+01	1.9E+02	5.7E+05			
AOI-48	Zone1	VOC	Acetone	67-64-1	TOTAL	ID	8	1	2.30E-01	2.30E-01	5.10E-04	1.10E-03	2.1E+00	3.1E+04	1.6E+08	1.1E-01	7.4E-06	1.5E-09
AOI-48	Zone1	VOC	Benzene	71-43-2	TOTAL	A	8	2	1.20E-03	4.50E-02	1.60E-04	1.60E-04	5.0E-03	1.1E+01	4.3E+03	**9.0E+00**	4.1E-03	1.0E-05
AOI-48	Zone1	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	8				1.70E-04	1.20E-03	1.0E-01	1.4E+01				
AOI-48	Zone1	VOC	Bromoform	75-25-2	TOTAL	B2	8				1.80E-04	1.30E-03	1.0E-01	1.4E+02	5.2E+04			
AOI-48	Zone1	VOC	Bromomethane	74-83-9	TOTAL	D	8				2.00E-04	1.40E-03	2.9E-02	7.0E+01	4.7E+03			
AOI-48	Zone1	VOC	2-Butanone	78-93-3	TOTAL	ID	8				4.10E-04	2.90E-03	3.8E+01	2.4E+05	3.7E+07			
AOI-48	Zone1	VOC	Carbon Disulfide	75-15-0	TOTAL		8				2.00E-04	1.40E-03	2.3E+00	1.2E+03	6.8E+03			
AOI-48	Zone1	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	8	1	5.50E-04	5.50E-04	1.20E-04	8.60E-04	5.0E-03	4.6E+00	8.2E+03	1.1E-01	1.2E-04	6.7E-08
AOI-48	Zone1	VOC	Chlorobenzene	108-90-7	TOTAL	D	8				1.40E-04	1.00E-03	1.0E-01	8.6E+01	6.6E+05			
AOI-48	Zone1	VOC	Chloroethane	75-00-3	TOTAL		8				2.60E-04	1.90E-03	1.7E+00	4.4E+02	7.6E+06			
AOI-48	Zone1	VOC	Chloroform	67-66-3	TOTAL	B2	8	1	3.10E-04	3.10E-04	1.40E-04	1.00E-03	1.0E-01	1.5E+02	1.7E+04	3.1E-03	2.1E-06	1.9E-08
AOI-48	Zone1	VOC	Chloromethane	74-87-3	TOTAL	D	8				1.30E-04	9.30E-04	1.1E+00	4.9E+02	8.7E+04			
AOI-48	Zone1	VOC	Cumene	98-82-8	TOTAL	D	8	2	1.10E-03	2.50E-02	1.20E-04	1.20E-04	2.3E+00	5.6E+01	6.9E+04	1.1E-02	4.5E-04	3.6E-07
AOI-48	Zone1	VOC	Cyclohexane	110-82-7	TOTAL	ID	8	2	4.60E-04	5.50E-03	1.30E-04	1.30E-04			3.5E+05			1.6E-08
AOI-48	Zone1	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	8				6.20E-04	4.40E-03	2.0E-04	3.9E-01				
AOI-48	Zone1	VOC	Dibromochloromethane	124-48-1	TOTAL	C	8				2.60E-04	1.90E-03	1.0E-01	1.8E+01				
AOI-48	Zone1	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	8				2.20E-04	1.60E-03	1.0E-03	2.5E-02				
AOI-48	Zone1	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	8	2	8.90E-04	2.30E-02	1.10E-04	1.10E-04	6.0E-01	1.6E+02	4.7E+05	3.8E-02	1.4E-04	4.9E-08
AOI-48	Zone1	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	8				1.50E-04	1.10E-03	1.9E-02	2.0E+00				
AOI-48	Zone1	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	8	1	3.50E-03	3.50E-03	1.70E-04	3.80E-04	7.5E-02	6.4E+00	1.2E+06	4.7E-02	5.5E-04	3.0E-09
AOI-48	Zone1	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		8				2.60E-04	1.90E-03	4.8E+00	3.0E+02	1.6E+06			
AOI-48	Zone1	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	8	2	1.90E-04	2.00E-04	1.60E-04	1.10E-03	2.5E+00	2.4E+03	5.4E+05	8.0E-05	8.3E-08	3.7E-10
AOI-48	Zone1	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	8				2.10E-04	1.50E-03	5.0E-03	1.9E+01	1.8E+04			
AOI-48	Zone1	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	8				2.40E-04	1.70E-03	7.0E-03	1.1E+01	1.2E+04			
AOI-48	Zone1	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	8				2.20E-04	1.60E-03	7.0E-02	2.0E+02	1.3E+06			
AOI-48	Zone1	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		8				1.50E-04	1.10E-03	1.0E-01	2.2E+02	7.7E+05			
AOI-48	Zone1	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	8				1.70E-04	1.20E-03	5.0E-03	1.6E+01	7.8E+05			
AOI-48	Zone1	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	8				2.70E-04	1.90E-03	3.5E-02	5.5E+00	4.0E+03			
AOI-48	Zone1	VOC	Ethyl Benzene	100-41-4	TOTAL	D	8	2	4.60E-04	2.20E-02	1.20E-04	1.20E-04	7.0E-01	1.7E+02	5.6E+05	3.1E-02	1.3E-04	4.0E-08
AOI-48	Zone1	VOC	2-Hexanone	591-78-6	TOTAL		8				4.60E-04	3.30E-03	2.9E+00	5.2E+03				

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-48	Zone1	VOC	Methyl Acetate	79-20-9	TOTAL		8				4.10E-04	2.90E-03			2.5E+07			
AOI-48	Zone1	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		8				1.30E-04	9.30E-04	6.9E-01	6.1E+02	6.3E+05			
AOI-48	Zone1	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	8				2.30E-04	1.60E-03	5.2E+00	1.3E+04	1.1E+07			
AOI-48	Zone1	VOC	Methylcyclohexane	108-87-2	TOTAL		8	2	6.40E-04	9.40E-03	1.50E-04	1.50E-04			1.5E+06			6.5E-09
AOI-48	Zone1	VOC	Methylene Chloride	75-09-2	TOTAL	B2	8	1	3.00E-03	3.00E-03	2.90E-04	3.40E-04	5.0E-03	2.2E+02	2.1E+05	6.0E-01	1.4E-05	1.5E-08
AOI-48	Zone1	VOC	Styrene	100-42-5	TOTAL		8				1.50E-04	1.10E-03	1.0E-01	9.7E+00	5.1E+05			
AOI-48	Zone1	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	8				2.50E-04	1.80E-03	3.5E-02	4.7E+00	8.5E+04			
AOI-48	Zone1	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	8				2.30E-04	1.60E-03	5.0E-03	1.2E+01	1.4E+05			
AOI-48	Zone1	VOC	Toluene	108-88-3	TOTAL	D	8				1.80E-04	1.30E-03	1.0E+00	5.3E+02	4.9E+05			
AOI-48	Zone1	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	8				1.70E-04	1.20E-03	7.0E-02	1.9E+01				
AOI-48	Zone1	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	8	1	1.90E-04	1.90E-04	1.50E-04	1.10E-03	2.0E-01	1.3E+03	1.6E+06	9.5E-04	1.5E-07	1.2E-10
AOI-48	Zone1	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	8				3.00E-04	2.10E-03	5.0E-03	2.1E+01	2.3E+05			
AOI-48	Zone1	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	8				1.40E-04	1.00E-03	5.0E-03	2.2E+01	2.8E+05			
AOI-48	Zone1	VOC	Trichlorofluoromethane	75-69-4	TOTAL		8				2.80E-04	2.00E-03	7.3E+00	1.1E+03	2.3E+06			
AOI-48	Zone1	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	TOTAL		8				3.20E-04	2.30E-03	1.7E+02	1.7E+02	2.4E+06			
AOI-48	Zone1	VOC	Vinyl Chloride	75-01-4	TOTAL	A	8				1.50E-04	1.10E-03	2.0E-03	1.0E+00	1.3E+03			
AOI-48	Zone1	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	8	2	2.90E-03	3.50E-01	3.30E-04	3.30E-04	1.0E+01	1.9E+02	5.7E+05	3.5E-02	1.8E-03	6.2E-07
AOI-48	Zone1	SVOC	Acenaphthene	83-32-9	TOTAL		7				8.00E-04	8.00E-04	3.8E+00	4.2E+00				
AOI-48	Zone1	SVOC	Acenaphthylene	208-96-8	TOTAL	D	7				7.10E-04	7.10E-04	1.5E-01	3.9E+00				
AOI-48	Zone1	SVOC	Acetophenone	98-86-2	TOTAL	D	7				2.60E-03	2.60E-03	4.4E+00	6.1E+03	1.5E+07			
AOI-48	Zone1	SVOC	Anthracene	120-12-7	TOTAL	D	7				6.80E-04	6.80E-04	4.3E-02	4.3E-02				
AOI-48	Zone1	SVOC	Atrazine	1912-24-9	TOTAL	C	7				2.50E-03	2.50E-03	3.0E-03	5.4E+00	1.7E+09			
AOI-48	Zone1	SVOC	Benzaldehyde	100-52-7	TOTAL		7				2.80E-03	2.80E-03						
AOI-48	Zone1	SVOC	Benzo(a)anthracene	56-55-3	TOTAL	B2	7				7.00E-04	7.00E-04	8.5E-03	9.4E-03				
AOI-48	Zone1	SVOC	Benzo(a)pyrene	50-32-8	TOTAL	B2	7				4.90E-05	2.00E-04	5.0E-03	2.0E-03				
AOI-48	Zone1	SVOC	Benzo(b)fluoranthene	205-99-2	TOTAL	B2	7				9.40E-04	9.40E-04	2.0E-03	2.0E-03				
AOI-48	Zone1	SVOC	Benzo(g,h,i)perylene	191-24-2	TOTAL	D	7				1.40E-05	5.60E-05	5.0E-03	5.0E-03				
AOI-48	Zone1	SVOC	Benzo(k)fluoranthene	207-08-9	TOTAL	B2	7				4.30E-05	1.70E-04	5.0E-03	5.0E-03				
AOI-48	Zone1	SVOC	Biphenyl	92-52-4	TOTAL	D	7				2.60E-03	2.60E-03						
AOI-48	Zone1	SVOC	bis(2-Chloroethoxy)methane	111-91-1	TOTAL	D	7				8.70E-04	8.70E-04						
AOI-48	Zone1	SVOC	bis(2-Chloroethyl) ether	111-44-4	TOTAL	B2	7				2.80E-05	1.10E-04	8.3E-03	5.7E+00	5.6E+06			
AOI-48	Zone1	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	TOTAL	B2	7				2.70E-03	2.70E-03	6.0E-03	3.2E-01	1.6E+08			
AOI-48	Zone1	SVOC	4-Bromophenyl-phenyl ether	101-55-3	TOTAL	D	7				8.80E-04	8.80E-04						
AOI-48	Zone1	SVOC	Butylbenzylphthalate	85-68-7	TOTAL	C	7				8.80E-04	8.80E-04	2.7E+00	2.7E+00				
AOI-48	Zone1	SVOC	Caprolactam	105-60-2	TOTAL		7				2.50E-03	2.50E-03	1.7E+01	3.9E+05				
AOI-48	Zone1	SVOC	Carbazole	86-74-8	TOTAL	B2	7				8.20E-04	8.20E-04	3.5E-01	7.4E+00				
AOI-48	Zone1	SVOC	4-Chloro-3-methylphenol	59-50-7	TOTAL		7				9.90E-04	9.90E-04	4.2E-01	7.9E+01				
AOI-48	Zone1	SVOC	4-Chloroaniline	106-47-8	TOTAL		7				6.10E-04	6.10E-04						
AOI-48	Zone1	SVOC	2-Chloronaphthalene	91-58-7	TOTAL		7				8.50E-04	8.50E-04	5.2E+00	6.7E+00				
AOI-48	Zone1	SVOC	2-Chlorophenol	95-57-8	TOTAL		7				1.00E-03	1.00E-03	1.3E-01	9.4E+01				
AOI-48	Zone1	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3	TOTAL		7				7.90E-04	7.90E-04						
AOI-48	Zone1	SVOC	Chrysene	218-01-9	TOTAL	B2	7				4.20E-05	1.70E-04	5.0E-03	5.0E-03				
AOI-48	Zone1	SVOC	Dibenz(a,h)anthracene	53-70-3	TOTAL	B2	7				7.90E-04	7.90E-04	2.0E-03	2.0E-03				
AOI-48	Zone1	SVOC	Dibenzofuran	132-64-9	TOTAL	D	7				1.10E-03	1.10E-03						
AOI-48	Zone1	SVOC	3,3'-Dichlorobenzidine	91-94-1	TOTAL	B2	7				2.40E-05	9.60E-05	4.3E-03	1.8E-01				
AOI-48	Zone1	SVOC	2,4-Dichlorophenol	120-83-2	TOTAL		7				8.50E-04	8.50E-04	2.1E-01	4.8E+01				
AOI-48	Zone1	SVOC	Diethylphthalate	84-66-2	TOTAL	D	7				6.50E-04	6.50E-04	1.6E+01	1.1E+03	3.6E+07			
AOI-48	Zone1	SVOC	2,4-Dimethylphenol	105-67-9	TOTAL		7				8.50E-04	8.50E-04	1.0E+00	5.2E+02				
AOI-48	Zone1	SVOC	Dimethylphthalate	131-11-3	TOTAL	D	7				7.60E-04	7.60E-04	2.1E+02	4.2E+03	1.5E+08			
AOI-48	Zone1	SVOC	Di-n-butylphthalate	84-74-2	TOTAL	D	7				6.70E-04	6.70E-04	2.5E+00	1.1E+01	1.4E+09			
AOI-48	Zone1	SVOC	4,6-Dinitro-2-methylphenol	534-52-1	TOTAL		7				1.30E-03	1.30E-03	2.0E-02	9.5E+00				
AOI-48	Zone1	SVOC	2,4-Dinitrophenol	51-28-5	TOTAL		7				3.00E-03	3.00E-03						

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-48	Zone1	SVOC	2,4-Dinitrotoluene	121-14-2	TOTAL	B2	7				7.90E-04	7.90E-04	3.2E-02	8.6E+00				
AOI-48	Zone1	SVOC	2,6-Dinitrotoluene	606-20-2	TOTAL	B2	7				5.70E-04	5.70E-04						
AOI-48	Zone1	SVOC	Di-n-octylphthalate	117-84-0	TOTAL		7				1.10E-03	1.10E-03	3.8E-01	4.0E-01				
AOI-48	Zone1	SVOC	Fluoranthene	206-44-0	TOTAL	D	7				4.60E-05	8.00E-04	2.1E-01	2.1E-01				
AOI-48	Zone1	SVOC	Fluorene	86-73-7	TOTAL	D	7				1.00E-03	1.00E-03	2.0E+00	2.0E+00				
AOI-48	Zone1	SVOC	Hexachlorobenzene	118-74-1	TOTAL	B2	7				7.40E-04	7.40E-04	1.0E-03	4.6E-03	9.1E+00			
AOI-48	Zone1	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	7				7.30E-04	7.30E-04	4.2E-02	4.0E-01	3.0E+01			
AOI-48	Zone1	SVOC	Hexachlorocyclopentadiene	77-47-4	TOTAL	E	7				1.10E-03	1.10E-03	5.0E-02	1.6E+00	1.1E+02			
AOI-48	Zone1	SVOC	Hexachloroethane	67-72-1	TOTAL	C	7				7.40E-04	7.40E-04	2.1E-02	1.9E+00	5.8E+04			
AOI-48	Zone1	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	TOTAL	B2	7				4.00E-05	1.60E-04	2.0E-03	2.0E-03				
AOI-48	Zone1	SVOC	Isophorone	78-59-1	TOTAL	C	7				6.30E-04	6.30E-04	3.1E+00	9.9E+02	1.2E+07			
AOI-48	Zone1	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	7	1	1.30E-02	1.30E-02	6.40E-04	6.40E-04	7.5E-01	2.5E+01		1.7E-02	5.2E-04	
AOI-48	Zone1	SVOC	Methylphenol (total)	1319-77-3	TOTAL		7				1.30E-03	1.30E-03	1.0E+00	8.1E+02	8.2E+07			
AOI-48	Zone1	SVOC	Naphthalene	91-20-3	TOTAL	C	7	1	2.60E-02	2.60E-02	7.50E-04	7.50E-04	1.5E+00	3.1E+01	4.7E+05	1.7E-02	8.4E-04	5.6E-08
AOI-48	Zone1	SVOC	2-Nitroaniline	88-74-4	TOTAL		7				7.00E-04	7.00E-04						
AOI-48	Zone1	SVOC	3-Nitroaniline	99-09-2	TOTAL	C	7				7.10E-04	7.10E-04						
AOI-48	Zone1	SVOC	4-Nitroaniline	100-01-6	TOTAL	C	7				1.30E-03	1.30E-03			6.7E+08			
AOI-48	Zone1	SVOC	Nitrobenzene	98-95-3	TOTAL	D	7				4.00E-05	1.60E-04	9.6E-03	1.1E+01	7.2E+05			
AOI-48	Zone1	SVOC	2-Nitrophenol	88-75-5	TOTAL		7				2.10E-03	2.10E-03	5.8E-02	7.9E+01				
AOI-48	Zone1	SVOC	4-Nitrophenol	100-02-7	TOTAL		7				1.90E-03	1.90E-03						
AOI-48	Zone1	SVOC	N-Nitrosodiphenylamine	86-30-6	TOTAL	B2	7				1.40E-03	1.40E-03	1.1E+00	3.5E+01				
AOI-48	Zone1	SVOC	N-Nitroso-di-n-propylamine	621-64-7	TOTAL	B2	7				6.70E-04	6.70E-04	5.0E-03	3.6E-01				
AOI-48	Zone1	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	TOTAL	C	7				7.80E-04	7.80E-04						
AOI-48	Zone1	SVOC	Pentachlorophenol	87-86-5	TOTAL	B2	7	1	2.10E-04	2.10E-04	1.30E-04	5.20E-04	1.0E-03	2.0E-01	6.1E+07	2.1E-01	1.1E-03	3.4E-12
AOI-48	Zone1	SVOC	Phenanthrene	85-01-8	TOTAL	D	7				8.20E-04	8.20E-04	1.5E-01	1.0E+00				
AOI-48	Zone1	SVOC	Phenol	108-95-2	TOTAL	ID	7				2.60E-03	2.60E-03	1.3E+01	2.9E+04	1.5E+08			
AOI-48	Zone1	SVOC	Pyrene	129-00-0	TOTAL	D	7				1.10E-03	1.10E-03	1.4E-01	1.4E-01				
AOI-48	Zone1	SVOC	2,4,5-Trichlorophenol	95-95-4	TOTAL		7				1.20E-03	1.20E-03	2.1E+00	1.7E+02				
AOI-48	Zone1	SVOC	2,4,6-Trichlorophenol	88-06-2	TOTAL	B2	7				1.70E-03	1.70E-03	4.7E-01	1.0E+01				
AOI-48	Zone1	P/PCB	PCBs (total)	1336-36-3	TOTAL	B2	7				8.20E-05	8.20E-05	5.0E-04	3.3E-03	1.1E+03			
AOI-48	Zone1	INORG	Aluminum	7429-90-5	TOTAL	D	7	6	1.50E-01	1.90E+00	5.70E-02	5.70E-02	4.1E+00	6.4E+04		4.6E-01	3.0E-05	
AOI-48	Zone1	INORG	Antimony	7440-36-0	TOTAL		7				3.40E-03	3.40E-03	6.0E-03	6.8E+01				
AOI-48	Zone1	INORG	Arsenic	7440-38-2	TOTAL	A	7	2	4.50E-03	1.10E-02	2.10E-03	2.10E-03	5.0E-02	4.3E+00		2.2E-01	2.6E-03	
AOI-48	Zone1	INORG	Barium	7440-39-3	TOTAL	D	7	7	1.80E-02	1.20E-01			2.0E+00	1.4E+04		6.0E-02	8.6E-06	
AOI-48	Zone1	INORG	Beryllium	7440-41-7	TOTAL	B1	7				6.00E-04	6.00E-04	4.0E-03	2.9E+02				
AOI-48	Zone1	INORG	Cadmium	7440-43-9	TOTAL	B1	7	3	2.80E-04	8.00E-04	2.80E-04	2.80E-04	5.0E-03	1.9E+02		1.6E-01	4.2E-06	
AOI-48	Zone1	INORG	Calcium	7440-70-2	TOTAL		7	7	6.01E+01	1.64E+02								
AOI-48	Zone1	INORG	Chromium (total)	7440-47-3	TOTAL		7	3	1.80E-03	4.60E-03	1.50E-03	1.50E-03	1.0E-01	4.6E+02		4.6E-02	1.0E-05	
AOI-48	Zone1	INORG	Cobalt	7440-48-4	TOTAL	B1	7	5	8.00E-04	6.40E-03	7.40E-04	7.40E-04	1.0E-01	2.4E+03		6.4E-02	2.7E-06	
AOI-48	Zone1	INORG	Copper	7440-50-8	TOTAL	D	7	4	2.70E-03	1.10E-02	1.70E-03	1.70E-03	4.0E+00	7.4E+03		2.8E-03	1.5E-06	
AOI-48	Zone1	INORG	Cyanide (total)	57-12-5	TOTAL	D	7	3	3.60E-03	7.10E-03	1.80E-03	1.80E-03	2.0E-01	5.7E+01		3.6E-02	1.2E-04	
AOI-48	Zone1	INORG	Iron	7439-89-6	TOTAL	D	7	7	6.20E-02	4.50E+00			5.6E+00	5.8E+04		8.0E-01	7.8E-05	
AOI-48	Zone1	INORG	Lead	7439-92-1	TOTAL	B2	7	2	2.20E-03	3.30E-03	1.60E-03	1.60E-03	4.0E-03			8.3E-01		
AOI-48	Zone1	INORG	Magnesium	7439-95-4	TOTAL		7	7	8.50E+00	4.56E+01			1.1E+03	1.0E+06		4.1E-02	4.6E-05	
AOI-48	Zone1	INORG	Manganese	7439-96-5	TOTAL	D	7	7	1.10E-02	5.70E+00			2.5E+00	9.1E+03		2.3E+00	6.3E-04	
AOI-48	Zone1	INORG	Mercury	7439-97-6	TOTAL	D	7	2	8.80E-05	1.20E-04	8.70E-05	8.70E-05	2.0E-03	5.6E-02	4.6E+01	6.0E-02	2.1E-03	2.6E-06
AOI-48	Zone1	INORG	Nickel	7440-02-0	TOTAL	A	7	4	7.10E-03	5.60E-02	2.90E-03	2.90E-03	1.0E-01	7.4E+04		5.6E-01	7.6E-07	
AOI-48	Zone1	INORG	Potassium	7440-09-7	TOTAL		7	7	1.70E+00	4.90E+00								
AOI-48	Zone1	INORG	Selenium	7782-49-2	TOTAL	D	7				4.70E-03	4.70E-03	5.0E-02	9.7E+02				
AOI-48	Zone1	INORG	Silver	7440-22-4	TOTAL	D	7	1	1.70E-04	1.70E-04	1.30E-04	1.30E-04	9.8E-02	1.5E+03		1.7E-03	1.1E-07	
AOI-48	Zone1	INORG	Sodium	7440-23-5	TOTAL		7	7	1.62E+01	2.77E+02			3.5E+02	1.0E+06		7.9E-01	2.8E-04	
AOI-48	Zone1	INORG	Thallium	7440-28-0	TOTAL		7	1	1.50E-04	1.50E-04	3.30E-05	3.30E-05	2.0E-03	1.3E+01		7.5E-02	1.2E-05	

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-48	Zone1	INORG	Vanadium	7440-62-2	TOTAL		7	4	1.00E-03	3.80E-03	3.40E-04	3.40E-04	6.2E-02	9.7E+02		6.1E-02	3.9E-06	
AOI-48	Zone1	INORG	Zinc	7440-66-6	TOTAL	D	7	6	5.50E-02	2.10E-01	1.40E-02	1.40E-02	5.0E+00	1.1E+05		4.2E-02	1.9E-06	
AOI-48	Zone2	VOC	Acetone	67-64-1	TOTAL	ID	7				5.10E-04	5.50E-03	2.1E+00	3.1E+04	1.6E+08			
AOI-48	Zone2	VOC	Benzene	71-43-2	TOTAL	A	7	2	5.00E-04	8.40E-04	1.60E-04	1.80E-03	5.0E-03	1.1E+01	4.3E+03	1.7E-01	7.6E-05	1.9E-07
AOI-48	Zone2	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	7				1.70E-04	1.60E-03	1.0E-01	1.4E+01				
AOI-48	Zone2	VOC	Bromoform	75-25-2	TOTAL	B2	7				1.80E-04	1.80E-03	1.0E-01	1.4E+02	5.2E+04			
AOI-48	Zone2	VOC	Bromomethane	74-83-9	TOTAL	D	7				2.00E-04	1.50E-03	2.9E-02	7.0E+01	4.7E+03			
AOI-48	Zone2	VOC	2-Butanone	78-93-3	TOTAL	ID	7				4.10E-04	3.00E-03	3.8E+01	2.4E+05	3.7E+07			
AOI-48	Zone2	VOC	Carbon Disulfide	75-15-0	TOTAL		7				2.00E-04	1.20E-03	2.3E+00	1.2E+03	6.8E+03			
AOI-48	Zone2	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	7				1.20E-04	1.80E-03	5.0E-03	4.6E+00	8.2E+03			
AOI-48	Zone2	VOC	Chlorobenzene	108-90-7	TOTAL	D	7				1.40E-04	1.90E-03	1.0E-01	8.6E+01	6.6E+05			
AOI-48	Zone2	VOC	Chloroethane	75-00-3	TOTAL		7				2.60E-04	1.40E-03	1.7E+00	4.4E+02	7.6E+06			
AOI-48	Zone2	VOC	Chloroform	67-66-3	TOTAL	B2	7				1.40E-04	1.80E-03	1.0E-01	1.5E+02	1.7E+04			
AOI-48	Zone2	VOC	Chloromethane	74-87-3	TOTAL	D	7				1.30E-04	2.40E-03	1.1E+00	4.9E+02	8.7E+04			
AOI-48	Zone2	VOC	Cumene	98-82-8	TOTAL	D	7				1.20E-04	2.00E-03	2.3E+00	5.6E+01	6.9E+04			
AOI-48	Zone2	VOC	Cyclohexane	110-82-7	TOTAL	ID	7				1.30E-04	1.60E-03			3.5E+05			
AOI-48	Zone2	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	7				6.20E-04	4.10E-03	2.0E-04	3.9E-01				
AOI-48	Zone2	VOC	Dibromochloromethane	124-48-1	TOTAL	C	7				2.60E-04	1.80E-03	1.0E-01	1.8E+01				
AOI-48	Zone2	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	7				2.20E-04	1.70E-03	1.0E-03	2.5E-02				
AOI-48	Zone2	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	7				1.10E-04	1.90E-03	6.0E-01	1.6E+02	4.7E+05			
AOI-48	Zone2	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	7				1.50E-04	1.90E-03	1.9E-02	2.0E+00				
AOI-48	Zone2	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	7				1.70E-04	1.90E-03	7.5E-02	6.4E+00	1.2E+06			
AOI-48	Zone2	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		7				2.60E-04	2.40E-03	4.8E+00	3.0E+02	1.6E+06			
AOI-48	Zone2	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	7				1.60E-04	1.50E-03	2.5E+00	2.4E+03	5.4E+05			
AOI-48	Zone2	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	7				2.10E-04	1.40E-03	5.0E-03	1.9E+01	1.8E+04			
AOI-48	Zone2	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	7				2.40E-04	1.60E-03	7.0E-03	1.1E+01	1.2E+04			
AOI-48	Zone2	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	7	5	6.90E-03	9.10E-02	2.20E-04	3.50E-04	7.0E-02	2.0E+02	1.3E+06	1.3E+00	4.6E-04	7.1E-08
AOI-48	Zone2	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		7	3	2.70E-04	1.30E-03	1.50E-04	1.60E-03	1.0E-01	2.2E+02	7.7E+05	1.3E-02	5.9E-06	1.7E-09
AOI-48	Zone2	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	7				1.70E-04	2.00E-03	5.0E-03	1.6E+01	7.8E+05			
AOI-48	Zone2	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	7				2.70E-04	1.80E-03	3.5E-02	5.5E+00	4.0E+03			
AOI-48	Zone2	VOC	Ethyl Benzene	100-41-4	TOTAL	D	7				1.20E-04	2.00E-03	7.0E-01	1.7E+02	5.6E+05			
AOI-48	Zone2	VOC	2-Hexanone	591-78-6	TOTAL		7				4.60E-04	2.90E-03	2.9E+00	5.2E+03				
AOI-48	Zone2	VOC	Methyl Acetate	79-20-9	TOTAL		7				4.10E-04	2.70E-03			2.5E+07			
AOI-48	Zone2	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		7				1.30E-04	1.40E-03	6.9E-01	6.1E+02	6.3E+05			
AOI-48	Zone2	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	7				2.30E-04	1.30E-03	5.2E+00	1.3E+04	1.1E+07			
AOI-48	Zone2	VOC	Methylcyclohexane	108-87-2	TOTAL		7				1.50E-04	2.10E-03			1.5E+06			
AOI-48	Zone2	VOC	Methylene Chloride	75-09-2	TOTAL	B2	7				2.90E-04	1.40E-03	5.0E-03	2.2E+02	2.1E+05			
AOI-48	Zone2	VOC	Styrene	100-42-5	TOTAL		7				1.50E-04	1.80E-03	1.0E-01	9.7E+00	5.1E+05			
AOI-48	Zone2	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	7				2.50E-04	1.80E-03	3.5E-02	4.7E+00	8.5E+04			
AOI-48	Zone2	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	7				2.30E-04	2.10E-03	5.0E-03	1.2E+01	1.4E+05			
AOI-48	Zone2	VOC	Toluene	108-88-3	TOTAL	D	7				1.80E-04	2.00E-03	1.0E+00	5.3E+02	4.9E+05			
AOI-48	Zone2	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	7				1.70E-04	2.00E-03	7.0E-02	1.9E+01				
AOI-48	Zone2	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	7				1.50E-04	2.00E-03	2.0E-01	1.3E+03	1.6E+06			
AOI-48	Zone2	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	7				3.00E-04	1.80E-03	5.0E-03	2.1E+01	2.3E+05			
AOI-48	Zone2	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	7				1.40E-04	2.10E-03	5.0E-03	2.2E+01	2.8E+05			
AOI-48	Zone2	VOC	Trichlorofluoromethane	75-69-4	TOTAL		7				2.80E-04	2.70E-03	7.3E+00	1.1E+03	2.3E+06			
AOI-48	Zone2	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	TOTAL		7				3.20E-04	1.60E-03	1.7E+02	1.7E+02	2.4E+06			
AOI-48	Zone2	VOC	Vinyl Chloride	75-01-4	TOTAL	A	7	5	9.30E-03	1.40E-01	1.50E-04	3.60E-04	2.0E-03	1.0E+00	1.3E+03	7.0E+01	1.4E-01	1.1E-04
AOI-48	Zone2	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	7				3.30E-04	2.20E-03	1.0E+01	1.9E+02	5.7E+05			
AOI-48	Zone2	SVOC	Acenaphthene	83-32-9	TOTAL		3				8.00E-04	8.00E-04	3.8E+00	4.2E+00				
AOI-48	Zone2	SVOC	Acenaphthylene	208-96-8	TOTAL	D	3				7.10E-04	7.10E-04	1.5E-01	3.9E+00				
AOI-48	Zone2	SVOC	Acetophenone	98-86-2	TOTAL	D	3				2.60E-03	2.60E-03	4.4E+00	6.1E+03	1.5E+07			

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-48	Zone2	SVOC	Anthracene	120-12-7	TOTAL	D	3				6.80E-04	6.80E-04	4.3E-02	4.3E-02				
AOI-48	Zone2	SVOC	Atrazine	1912-24-9	TOTAL	C	3				2.50E-03	2.50E-03	3.0E-03	5.4E+00	1.7E+09			
AOI-48	Zone2	SVOC	Benzaldehyde	100-52-7	TOTAL		3				2.80E-03	2.80E-03						
AOI-48	Zone2	SVOC	Benzo(a)anthracene	56-55-3	TOTAL	B2	3				7.00E-04	7.00E-04	8.5E-03	9.4E-03				
AOI-48	Zone2	SVOC	Benzo(a)pyrene	50-32-8	TOTAL	B2	3				4.90E-05	4.90E-05	5.0E-03	2.0E-03				
AOI-48	Zone2	SVOC	Benzo(b)fluoranthene	205-99-2	TOTAL	B2	3				9.40E-04	9.40E-04	2.0E-03	2.0E-03				
AOI-48	Zone2	SVOC	Benzo(g,h,i)perylene	191-24-2	TOTAL	D	3				1.40E-05	1.40E-05	5.0E-03	5.0E-03				
AOI-48	Zone2	SVOC	Benzo(k)fluoranthene	207-08-9	TOTAL	B2	3				4.30E-05	4.30E-05	5.0E-03	5.0E-03				
AOI-48	Zone2	SVOC	Biphenyl	92-52-4	TOTAL	D	3				2.60E-03	2.60E-03						
AOI-48	Zone2	SVOC	bis(2-Chloroethoxy)methane	111-91-1	TOTAL	D	3				8.70E-04	8.70E-04						
AOI-48	Zone2	SVOC	bis(2-Chloroethyl) ether	111-44-4	TOTAL	B2	3				2.80E-05	2.80E-05	8.3E-03	5.7E+00	5.6E+06			
AOI-48	Zone2	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	TOTAL	B2	3				2.70E-03	2.70E-03	6.0E-03	3.2E-01	1.6E+08			
AOI-48	Zone2	SVOC	4-Bromophenyl-phenyl ether	101-55-3	TOTAL	D	3				8.80E-04	8.80E-04						
AOI-48	Zone2	SVOC	Butylbenzylphthalate	85-68-7	TOTAL	C	3				8.80E-04	8.80E-04	2.7E+00	2.7E+00				
AOI-48	Zone2	SVOC	Caprolactam	105-60-2	TOTAL		3				2.50E-03	2.50E-03	1.7E+01	3.9E+05				
AOI-48	Zone2	SVOC	Carbazole	86-74-8	TOTAL	B2	3				8.20E-04	8.20E-04	3.5E-01	7.4E+00				
AOI-48	Zone2	SVOC	4-Chloro-3-methylphenol	59-50-7	TOTAL		3				9.90E-04	9.90E-04	4.2E-01	7.9E+01				
AOI-48	Zone2	SVOC	4-Chloroaniline	106-47-8	TOTAL		3				6.10E-04	6.10E-04						
AOI-48	Zone2	SVOC	2-Chloronaphthalene	91-58-7	TOTAL		3				8.50E-04	8.50E-04	5.2E+00	6.7E+00				
AOI-48	Zone2	SVOC	2-Chlorophenol	95-57-8	TOTAL		3				1.00E-03	1.00E-03	1.3E-01	9.4E+01				
AOI-48	Zone2	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3	TOTAL		3				7.90E-04	7.90E-04						
AOI-48	Zone2	SVOC	Chrysene	218-01-9	TOTAL	B2	3				4.20E-05	4.20E-05	5.0E-03	5.0E-03				
AOI-48	Zone2	SVOC	Dibenz(a,h)anthracene	53-70-3	TOTAL	B2	3				7.90E-04	7.90E-04	2.0E-03	2.0E-03				
AOI-48	Zone2	SVOC	Dibenzofuran	132-64-9	TOTAL	D	3				1.10E-03	1.10E-03						
AOI-48	Zone2	SVOC	3,3'-Dichlorobenzidine	91-94-1	TOTAL	B2	3				2.40E-05	2.40E-05	4.3E-03	1.8E-01				
AOI-48	Zone2	SVOC	2,4-Dichlorophenol	120-83-2	TOTAL		3				8.50E-04	8.50E-04	2.1E-01	4.8E+01				
AOI-48	Zone2	SVOC	Diethylphthalate	84-66-2	TOTAL	D	3				6.50E-04	6.50E-04	1.6E+01	1.1E+03	3.6E+07			
AOI-48	Zone2	SVOC	2,4-Dimethylphenol	105-67-9	TOTAL		3				8.50E-04	8.50E-04	1.0E+00	5.2E+02				
AOI-48	Zone2	SVOC	Dimethylphthalate	131-11-3	TOTAL	D	3				7.60E-04	7.60E-04	2.1E+02	4.2E+03	1.5E+08			
AOI-48	Zone2	SVOC	Di-n-butylphthalate	84-74-2	TOTAL	D	3				6.70E-04	6.70E-04	2.5E+00	1.1E+01	1.4E+09			
AOI-48	Zone2	SVOC	4,6-Dinitro-2-methylphenol	534-52-1	TOTAL		3				1.30E-03	1.30E-03	2.0E-02	9.5E+00				
AOI-48	Zone2	SVOC	2,4-Dinitrophenol	51-28-5	TOTAL		3				3.00E-03	3.00E-03						
AOI-48	Zone2	SVOC	2,4-Dinitrotoluene	121-14-2	TOTAL	B2	3				7.90E-04	7.90E-04	3.2E-02	8.6E+00				
AOI-48	Zone2	SVOC	2,6-Dinitrotoluene	606-20-2	TOTAL	B2	3				5.70E-04	5.70E-04						
AOI-48	Zone2	SVOC	Di-n-octylphthalate	117-84-0	TOTAL		3				1.10E-03	1.10E-03	3.8E-01	4.0E-01				
AOI-48	Zone2	SVOC	Fluoranthene	206-44-0	TOTAL	D	3				4.60E-05	2.00E-04	2.1E-01	2.1E-01				
AOI-48	Zone2	SVOC	Fluorene	86-73-7	TOTAL	D	3				1.00E-03	1.00E-03	2.0E+00	2.0E+00				
AOI-48	Zone2	SVOC	Hexachlorobenzene	118-74-1	TOTAL	B2	3				7.40E-04	7.40E-04	1.0E-03	4.6E-03	9.1E+00			
AOI-48	Zone2	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	3				7.30E-04	7.30E-04	4.2E-02	4.0E-01	3.0E+01			
AOI-48	Zone2	SVOC	Hexachlorocyclopentadiene	77-47-4	TOTAL	E	3				1.10E-03	1.10E-03	5.0E-02	1.6E+00	1.1E+02			
AOI-48	Zone2	SVOC	Hexachloroethane	67-72-1	TOTAL	C	3				7.40E-04	7.40E-04	2.1E-02	1.9E+00	5.8E+04			
AOI-48	Zone2	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	TOTAL	B2	3				4.00E-05	4.00E-05	2.0E-03	2.0E-03				
AOI-48	Zone2	SVOC	Isophorone	78-59-1	TOTAL	C	3				6.30E-04	6.30E-04	3.1E+00	9.9E+02	1.2E+07			
AOI-48	Zone2	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	3				6.40E-04	6.40E-04	7.5E-01	2.5E+01				
AOI-48	Zone2	SVOC	Methylphenol (total)	1319-77-3	TOTAL		3				1.30E-03	1.30E-03	1.0E+00	8.1E+02	8.2E+07			
AOI-48	Zone2	SVOC	Naphthalene	91-20-3	TOTAL	C	3				7.50E-04	7.50E-04	1.5E+00	3.1E+01	4.7E+05			
AOI-48	Zone2	SVOC	2-Nitroaniline	88-74-4	TOTAL		3				7.00E-04	7.00E-04						
AOI-48	Zone2	SVOC	3-Nitroaniline	99-09-2	TOTAL	C	3				7.10E-04	7.10E-04						
AOI-48	Zone2	SVOC	4-Nitroaniline	100-01-6	TOTAL	C	3				1.30E-03	1.30E-03			6.7E+08			
AOI-48	Zone2	SVOC	Nitrobenzene	98-95-3	TOTAL	D	3				4.00E-05	4.00E-05	9.6E-03	1.1E+01	7.2E+05			
AOI-48	Zone2	SVOC	2-Nitrophenol	88-75-5	TOTAL		3				2.10E-03	2.10E-03	5.8E-02	7.9E+01				
AOI-48	Zone2	SVOC	4-Nitrophenol	100-02-7	TOTAL		3				1.90E-03	1.90E-03						

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-48	Zone2	SVOC	N-Nitrosodiphenylamine	86-30-6	TOTAL	B2	3				1.40E-03	1.40E-03	1.1E+00	3.5E+01				
AOI-48	Zone2	SVOC	N-Nitroso-di-n-propylamine	621-64-7	TOTAL	B2	3				6.70E-04	6.70E-04	5.0E-03	3.6E-01				
AOI-48	Zone2	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	TOTAL	C	3				7.80E-04	7.80E-04						
AOI-48	Zone2	SVOC	Pentachlorophenol	87-86-5	TOTAL	B2	3				1.30E-04	1.30E-04	1.0E-03	2.0E-01	6.1E+07			
AOI-48	Zone2	SVOC	Phenanthrene	85-01-8	TOTAL	D	3				8.20E-04	8.20E-04	1.5E-01	1.0E+00				
AOI-48	Zone2	SVOC	Phenol	108-95-2	TOTAL	ID	3				2.60E-03	2.60E-03	1.3E+01	2.9E+04	1.5E+08			
AOI-48	Zone2	SVOC	Pyrene	129-00-0	TOTAL	D	3				1.10E-03	1.10E-03	1.4E-01	1.4E-01				
AOI-48	Zone2	SVOC	2,4,5-Trichlorophenol	95-95-4	TOTAL		3				1.20E-03	1.20E-03	2.1E+00	1.7E+02				
AOI-48	Zone2	SVOC	2,4,6-Trichlorophenol	88-06-2	TOTAL	B2	3				1.70E-03	1.70E-03	4.7E-01	1.0E+01				
AOI-48	Zone2	P/PCB	PCBs (total)	1336-36-3	TOTAL	B2	3				8.20E-05	8.20E-05	5.0E-04	3.3E-03	1.1E+03			
AOI-48	Zone2	INORG	Aluminum	7429-90-5	TOTAL	D	5	4	7.80E-02	2.52E+01	5.70E-02	5.70E-02	4.1E+00	6.4E+04		6.1E+00	3.9E-04	
AOI-48	Zone2	INORG	Antimony	7440-36-0	TOTAL		5				3.40E-03	3.40E-03	6.0E-03	6.8E+01				
AOI-48	Zone2	INORG	Arsenic	7440-38-2	TOTAL	A	5	4	2.60E-02	4.50E-02	2.10E-03	2.10E-03	5.0E-02	4.3E+00		9.0E-01	1.0E-02	
AOI-48	Zone2	INORG	Barium	7440-39-3	TOTAL	D	5	5	6.00E-02	7.00E-01			2.0E+00	1.4E+04		3.5E-01	5.0E-05	
AOI-48	Zone2	INORG	Beryllium	7440-41-7	TOTAL	B1	5				6.00E-04	6.00E-04	4.0E-03	2.9E+02				
AOI-48	Zone2	INORG	Cadmium	7440-43-9	TOTAL	B1	5	3	2.80E-04	3.30E-04	2.80E-04	2.80E-04	5.0E-03	1.9E+02		6.6E-02	1.7E-06	
AOI-48	Zone2	INORG	Calcium	7440-70-2	TOTAL		5	5	8.76E+01	2.56E+02								
AOI-48	Zone2	INORG	Chromium (total)	7440-47-3	TOTAL		5	2	3.10E-03	4.40E-02	1.50E-03	1.50E-03	1.0E-01	4.6E+02		4.4E-01	9.6E-05	
AOI-48	Zone2	INORG	Cobalt	7440-48-4	TOTAL	B1	5	4	1.60E-03	1.90E-02	7.40E-04	7.40E-04	1.0E-01	2.4E+03		1.9E-01	7.9E-06	
AOI-48	Zone2	INORG	Copper	7440-50-8	TOTAL	D	5	3	3.60E-03	3.90E-02	1.70E-03	1.70E-03	4.0E+00	7.4E+03		9.8E-03	5.3E-06	
AOI-48	Zone2	INORG	Cyanide (total)	57-12-5	TOTAL	D	5				1.80E-03	1.80E-03	2.0E-01	5.7E+01				
AOI-48	Zone2	INORG	Iron	7439-89-6	TOTAL	D	5	5	4.50E-02	4.47E+01			5.6E+00	5.8E+04		8.0E+00	7.7E-04	
AOI-48	Zone2	INORG	Lead	7439-92-1	TOTAL	B2	5	1	2.00E-02	2.00E-02	1.60E-03	1.60E-03	4.0E-03			5.0E+00		
AOI-48	Zone2	INORG	Magnesium	7439-95-4	TOTAL		5	5	3.72E+01	1.05E+02			1.1E+03	1.0E+06		9.5E-02	1.1E-04	
AOI-48	Zone2	INORG	Manganese	7439-96-5	TOTAL	D	5	5	2.90E-02	8.90E-01			2.5E+00	9.1E+03		3.6E-01	9.8E-05	
AOI-48	Zone2	INORG	Mercury	7439-97-6	TOTAL	D	5				8.70E-05	8.70E-05	2.0E-03	5.6E-02	4.6E+01			
AOI-48	Zone2	INORG	Nickel	7440-02-0	TOTAL	A	5	4	2.90E-03	4.70E-02	2.90E-03	2.90E-03	1.0E-01	7.4E+04		4.7E-01	6.4E-07	
AOI-48	Zone2	INORG	Potassium	7440-09-7	TOTAL		5	4	1.50E+00	9.30E+00	2.30E-02	2.30E-02						
AOI-48	Zone2	INORG	Selenium	7782-49-2	TOTAL	D	5				4.70E-03	4.70E-03	5.0E-02	9.7E+02				
AOI-48	Zone2	INORG	Silver	7440-22-4	TOTAL	D	5				1.30E-04	9.80E-04	9.8E-02	1.5E+03				
AOI-48	Zone2	INORG	Sodium	7440-23-5	TOTAL		5	5	1.77E+01	7.63E+01			3.5E+02	1.0E+06		2.2E-01	7.6E-05	
AOI-48	Zone2	INORG	Thallium	7440-28-0	TOTAL		5	5	6.20E-05	7.50E-03			2.0E-03	1.3E+01		3.8E+00	5.8E-04	
AOI-48	Zone2	INORG	Vanadium	7440-62-2	TOTAL		5	3	1.80E-03	4.80E-02	3.40E-04	3.40E-04	6.2E-02	9.7E+02		7.7E-01	4.9E-05	
AOI-48	Zone2	INORG	Zinc	7440-66-6	TOTAL	D	5	2	2.30E-01	4.80E-01	1.40E-02	1.40E-02	5.0E+00	1.1E+05		9.6E-02	4.4E-06	
AOI-48 (NW)	Zone1	VOC	Acetone	67-64-1	TOTAL	ID	5				5.10E-04	2.20E-01	2.1E+00	3.1E+04	1.6E+08			
AOI-48 (NW)	Zone1	VOC	Benzene	71-43-2	TOTAL	A	5				1.60E-04	7.40E-02	5.0E-03	1.1E+01	4.3E+03			
AOI-48 (NW)	Zone1	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	5				1.70E-04	6.40E-02	1.0E-01	1.4E+01				
AOI-48 (NW)	Zone1	VOC	Bromoform	75-25-2	TOTAL	B2	5				1.80E-04	7.40E-02	1.0E-01	1.4E+02	5.2E+04			
AOI-48 (NW)	Zone1	VOC	Bromomethane	74-83-9	TOTAL	D	5				2.00E-04	6.00E-02	2.9E-02	7.0E+01	4.7E+03			
AOI-48 (NW)	Zone1	VOC	2-Butanone	78-93-3	TOTAL	ID	5				4.10E-04	1.20E-01	3.8E+01	2.4E+05	3.7E+07			
AOI-48 (NW)	Zone1	VOC	Carbon Disulfide	75-15-0	TOTAL		5				2.00E-04	4.80E-02	2.3E+00	1.2E+03	6.8E+03			
AOI-48 (NW)	Zone1	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	5				1.20E-04	7.40E-02	5.0E-03	4.6E+00	8.2E+03			
AOI-48 (NW)	Zone1	VOC	Chlorobenzene	108-90-7	TOTAL	D	5				1.40E-04	7.60E-02	1.0E-01	8.6E+01	6.6E+05			
AOI-48 (NW)	Zone1	VOC	Chloroethane	75-00-3	TOTAL		5				2.60E-04	5.80E-02	1.7E+00	4.4E+02	7.6E+06			
AOI-48 (NW)	Zone1	VOC	Chloroform	67-66-3	TOTAL	B2	5	1	6.10E-04	6.10E-04	1.40E-04	7.00E-02	1.0E-01	1.5E+02	1.7E+04	6.1E-03	4.1E-06	3.7E-08
AOI-48 (NW)	Zone1	VOC	Chloromethane	74-87-3	TOTAL	D	5				1.30E-04	9.80E-02	1.1E+00	4.9E+02	8.7E+04			
AOI-48 (NW)	Zone1	VOC	Cumene	98-82-8	TOTAL	D	5				1.20E-04	7.80E-02	2.3E+00	5.6E+01	6.9E+04			
AOI-48 (NW)	Zone1	VOC	Cyclohexane	110-82-7	TOTAL	ID	5				1.30E-04	6.60E-02			3.5E+05			
AOI-48 (NW)	Zone1	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	5				6.20E-04	1.60E-01	2.0E-04	3.9E-01				
AOI-48 (NW)	Zone1	VOC	Dibromochloromethane	124-48-1	TOTAL	C	5				2.60E-04	7.40E-02	1.0E-01	1.8E+01				
AOI-48 (NW)	Zone1	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	5				2.20E-04	6.80E-02	1.0E-03	2.5E-02				
AOI-48 (NW)	Zone1	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	5				1.10E-04	7.60E-02	6.0E-01	1.6E+02	4.7E+05			

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-48 (NW)	Zone1	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	5				1.50E-04	7.60E-02	1.9E-02	2.0E+00				
AOI-48 (NW)	Zone1	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	5				1.70E-04	7.60E-02	7.5E-02	6.4E+00	1.2E+06			
AOI-48 (NW)	Zone1	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		5				2.60E-04	9.80E-02	4.8E+00	3.0E+02	1.6E+06			
AOI-48 (NW)	Zone1	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	5				1.60E-04	6.00E-02	2.5E+00	2.4E+03	5.4E+05			
AOI-48 (NW)	Zone1	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	5				2.10E-04	5.60E-02	5.0E-03	1.9E+01	1.8E+04			
AOI-48 (NW)	Zone1	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	5				2.40E-04	6.20E-02	7.0E-03	1.1E+01	1.2E+04			
AOI-48 (NW)	Zone1	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	5	1	2.90E-01	2.90E-01	2.20E-04	3.50E-04	7.0E-02	2.0E+02	1.3E+06	4.1E+00	1.5E-03	2.3E-07
AOI-48 (NW)	Zone1	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		5				1.50E-04	6.60E-02	1.0E-01	2.2E+02	7.7E+05			
AOI-48 (NW)	Zone1	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	5				1.70E-04	8.20E-02	5.0E-03	1.6E+01	7.8E+05			
AOI-48 (NW)	Zone1	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	5				2.70E-04	7.00E-02	3.5E-02	5.5E+00	4.0E+03			
AOI-48 (NW)	Zone1	VOC	Ethyl Benzene	100-41-4	TOTAL	D	5				1.20E-04	8.20E-02	7.0E-01	1.7E+02	5.6E+05			
AOI-48 (NW)	Zone1	VOC	2-Hexanone	591-78-6	TOTAL		5				4.60E-04	1.20E-01	2.9E+00	5.2E+03				
AOI-48 (NW)	Zone1	VOC	Methyl Acetate	79-20-9	TOTAL		5				4.10E-04	1.10E-01			2.5E+07			
AOI-48 (NW)	Zone1	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		5				1.30E-04	5.40E-02	6.9E-01	6.1E+02	6.3E+05			
AOI-48 (NW)	Zone1	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	5				2.30E-04	5.20E-02	5.2E+00	1.3E+04	1.1E+07			
AOI-48 (NW)	Zone1	VOC	Methylcyclohexane	108-87-2	TOTAL		5				1.50E-04	8.40E-02			1.5E+06			
AOI-48 (NW)	Zone1	VOC	Methylene Chloride	75-09-2	TOTAL	B2	5				2.90E-04	5.80E-02	5.0E-03	2.2E+02	2.1E+05			
AOI-48 (NW)	Zone1	VOC	Styrene	100-42-5	TOTAL		5				1.50E-04	7.00E-02	1.0E-01	9.7E+00	5.1E+05			
AOI-48 (NW)	Zone1	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	5				2.50E-04	7.20E-02	3.5E-02	4.7E+00	8.5E+04			
AOI-48 (NW)	Zone1	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	5				2.30E-04	8.40E-02	5.0E-03	1.2E+01	1.4E+05			
AOI-48 (NW)	Zone1	VOC	Toluene	108-88-3	TOTAL	D	5				1.80E-04	7.80E-02	1.0E+00	5.3E+02	4.9E+05			
AOI-48 (NW)	Zone1	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	5				1.70E-04	8.00E-02	7.0E-02	1.9E+01				
AOI-48 (NW)	Zone1	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	5				1.50E-04	7.80E-02	2.0E-01	1.3E+03	1.6E+06			
AOI-48 (NW)	Zone1	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	5				3.00E-04	7.20E-02	5.0E-03	2.1E+01	2.3E+05			
AOI-48 (NW)	Zone1	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	5	1	7.90E+00	7.90E+00	1.40E-04	4.20E-04	5.0E-03	2.2E+01	2.8E+05	1.6E+03	3.6E-01	2.9E-05
AOI-48 (NW)	Zone1	VOC	Trichlorofluoromethane	75-69-4	TOTAL		5				2.80E-04	1.10E-01	7.3E+00	1.1E+03	2.3E+06			
AOI-48 (NW)	Zone1	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	TOTAL		5				3.20E-04	6.40E-02	1.7E+02	1.7E+02	2.4E+06			
AOI-48 (NW)	Zone1	VOC	Vinyl Chloride	75-01-4	TOTAL	A	5				1.50E-04	7.20E-02	2.0E-03	1.0E+00	1.3E+03			
AOI-48 (NW)	Zone1	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	5				3.30E-04	8.80E-02	1.0E+01	1.9E+02	5.7E+05			
AOI-48 (NW)	Zone1	SVOC	Acenaphthene	83-32-9	TOTAL		1				8.00E-04	8.00E-04	3.8E+00	4.2E+00				
AOI-48 (NW)	Zone1	SVOC	Acenaphthylene	208-96-8	TOTAL	D	1				7.10E-04	7.10E-04	1.5E-01	3.9E+00				
AOI-48 (NW)	Zone1	SVOC	Acetophenone	98-86-2	TOTAL	D	1				2.60E-03	2.60E-03	4.4E+00	6.1E+03	1.5E+07			
AOI-48 (NW)	Zone1	SVOC	Anthracene	120-12-7	TOTAL	D	1				6.80E-04	6.80E-04	4.3E-02	4.3E-02				
AOI-48 (NW)	Zone1	SVOC	Atrazine	1912-24-9	TOTAL	C	1				2.50E-03	2.50E-03	3.0E-03	5.4E+00	1.7E+09			
AOI-48 (NW)	Zone1	SVOC	Benzaldehyde	100-52-7	TOTAL		1				2.80E-03	2.80E-03						
AOI-48 (NW)	Zone1	SVOC	Benzo(a)anthracene	56-55-3	TOTAL	B2	1				7.00E-04	7.00E-04	8.5E-03	9.4E-03				
AOI-48 (NW)	Zone1	SVOC	Benzo(a)pyrene	50-32-8	TOTAL	B2	1				4.90E-05	4.90E-05	5.0E-03	2.0E-03				
AOI-48 (NW)	Zone1	SVOC	Benzo(b)fluoranthene	205-99-2	TOTAL	B2	1				9.40E-04	9.40E-04	2.0E-03	2.0E-03				
AOI-48 (NW)	Zone1	SVOC	Benzo(g,h,i)perylene	191-24-2	TOTAL	D	1				1.40E-05	1.40E-05	5.0E-03	5.0E-03				
AOI-48 (NW)	Zone1	SVOC	Benzo(k)fluoranthene	207-08-9	TOTAL	B2	1				4.30E-05	4.30E-05	5.0E-03	5.0E-03				
AOI-48 (NW)	Zone1	SVOC	Biphenyl	92-52-4	TOTAL	D	1				2.60E-03	2.60E-03						
AOI-48 (NW)	Zone1	SVOC	bis(2-Chloroethoxy)methane	111-91-1	TOTAL	D	1				8.70E-04	8.70E-04						
AOI-48 (NW)	Zone1	SVOC	bis(2-Chloroethyl) ether	111-44-4	TOTAL	B2	1				2.80E-05	2.80E-05	8.3E-03	5.7E+00	5.6E+06			
AOI-48 (NW)	Zone1	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	TOTAL	B2	1				2.70E-03	2.70E-03	6.0E-03	3.2E-01	1.6E+08			
AOI-48 (NW)	Zone1	SVOC	4-Bromophenyl-phenyl ether	101-55-3	TOTAL	D	1				8.80E-04	8.80E-04						
AOI-48 (NW)	Zone1	SVOC	Butylbenzylphthalate	85-68-7	TOTAL	C	1				8.80E-04	8.80E-04	2.7E+00	2.7E+00				
AOI-48 (NW)	Zone1	SVOC	Caprolactam	105-60-2	TOTAL		1				2.50E-03	2.50E-03	1.7E+01	3.9E+05				
AOI-48 (NW)	Zone1	SVOC	Carbazole	86-74-8	TOTAL	B2	1				8.20E-04	8.20E-04	3.5E-01	7.4E+00				
AOI-48 (NW)	Zone1	SVOC	4-Chloro-3-methylphenol	59-50-7	TOTAL		1				9.90E-04	9.90E-04	4.2E-01	7.9E+01				
AOI-48 (NW)	Zone1	SVOC	4-Chloroaniline	106-47-8	TOTAL		1				6.10E-04	6.10E-04						
AOI-48 (NW)	Zone1	SVOC	2-Chloronaphthalene	91-58-7	TOTAL		1				8.50E-04	8.50E-04	5.2E+00	6.7E+00				
AOI-48 (NW)	Zone1	SVOC	2-Chlorophenol	95-57-8	TOTAL		1				1.00E-03	1.00E-03	1.3E-01	9.4E+01				

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-48 (NW)	Zone1	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3	TOTAL		1				7.90E-04	7.90E-04						
AOI-48 (NW)	Zone1	SVOC	Chrysene	218-01-9	TOTAL	B2	1				4.20E-05	4.20E-05	5.0E-03	5.0E-03				
AOI-48 (NW)	Zone1	SVOC	Dibenz(a,h)anthracene	53-70-3	TOTAL	B2	1				7.90E-04	7.90E-04	2.0E-03	2.0E-03				
AOI-48 (NW)	Zone1	SVOC	Dibenzofuran	132-64-9	TOTAL	D	1				1.10E-03	1.10E-03						
AOI-48 (NW)	Zone1	SVOC	3,3'-Dichlorobenzidine	91-94-1	TOTAL	B2	1				2.40E-05	2.40E-05	4.3E-03	1.8E-01				
AOI-48 (NW)	Zone1	SVOC	2,4-Dichlorophenol	120-83-2	TOTAL		1				8.50E-04	8.50E-04	2.1E-01	4.8E+01				
AOI-48 (NW)	Zone1	SVOC	Diethylphthalate	84-66-2	TOTAL	D	1				6.50E-04	6.50E-04	1.6E+01	1.1E+03	3.6E+07			
AOI-48 (NW)	Zone1	SVOC	2,4-Dimethylphenol	105-67-9	TOTAL		1				8.50E-04	8.50E-04	1.0E+00	5.2E+02				
AOI-48 (NW)	Zone1	SVOC	Dimethylphthalate	131-11-3	TOTAL	D	1				7.60E-04	7.60E-04	2.1E+02	4.2E+03	1.5E+08			
AOI-48 (NW)	Zone1	SVOC	Di-n-butylphthalate	84-74-2	TOTAL	D	1				6.70E-04	6.70E-04	2.5E+00	1.1E+01	1.4E+09			
AOI-48 (NW)	Zone1	SVOC	4,6-Dinitro-2-methylphenol	534-52-1	TOTAL		1				1.30E-03	1.30E-03	2.0E-02	9.5E+00				
AOI-48 (NW)	Zone1	SVOC	2,4-Dinitrophenol	51-28-5	TOTAL		1				3.00E-03	3.00E-03						
AOI-48 (NW)	Zone1	SVOC	2,4-Dinitrotoluene	121-14-2	TOTAL	B2	1				7.90E-04	7.90E-04	3.2E-02	8.6E+00				
AOI-48 (NW)	Zone1	SVOC	2,6-Dinitrotoluene	606-20-2	TOTAL	B2	1				5.70E-04	5.70E-04						
AOI-48 (NW)	Zone1	SVOC	Di-n-octylphthalate	117-84-0	TOTAL		1				1.10E-03	1.10E-03	3.8E-01	4.0E-01				
AOI-48 (NW)	Zone1	SVOC	Fluoranthene	206-44-0	TOTAL	D	1				2.00E-04	2.00E-04	2.1E-01	2.1E-01				
AOI-48 (NW)	Zone1	SVOC	Fluorene	86-73-7	TOTAL	D	1				1.00E-03	1.00E-03	2.0E+00	2.0E+00				
AOI-48 (NW)	Zone1	SVOC	Hexachlorobenzene	118-74-1	TOTAL	B2	1				7.40E-04	7.40E-04	1.0E-03	4.6E-03	9.1E+00			
AOI-48 (NW)	Zone1	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	1				7.30E-04	7.30E-04	4.2E-02	4.0E-01	3.0E+01			
AOI-48 (NW)	Zone1	SVOC	Hexachlorocyclopentadiene	77-47-4	TOTAL	E	1				1.10E-03	1.10E-03	5.0E-02	1.6E+00	1.1E+02			
AOI-48 (NW)	Zone1	SVOC	Hexachloroethane	67-72-1	TOTAL	C	1				7.40E-04	7.40E-04	2.1E-02	1.9E+00	5.8E+04			
AOI-48 (NW)	Zone1	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	TOTAL	B2	1				4.00E-05	4.00E-05	2.0E-03	2.0E-03				
AOI-48 (NW)	Zone1	SVOC	Isophorone	78-59-1	TOTAL	C	1				6.30E-04	6.30E-04	3.1E+00	9.9E+02	1.2E+07			
AOI-48 (NW)	Zone1	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	1				6.40E-04	6.40E-04	7.5E-01	2.5E+01				
AOI-48 (NW)	Zone1	SVOC	Methylphenol (total)	1319-77-3	TOTAL		1				1.30E-03	1.30E-03	1.0E+00	8.1E+02	8.2E+07			
AOI-48 (NW)	Zone1	SVOC	Naphthalene	91-20-3	TOTAL	C	1				7.50E-04	7.50E-04	1.5E+00	3.1E+01	4.7E+05			
AOI-48 (NW)	Zone1	SVOC	2-Nitroaniline	88-74-4	TOTAL		1				7.00E-04	7.00E-04						
AOI-48 (NW)	Zone1	SVOC	3-Nitroaniline	99-09-2	TOTAL	C	1				7.10E-04	7.10E-04						
AOI-48 (NW)	Zone1	SVOC	4-Nitroaniline	100-01-6	TOTAL	C	1				1.30E-03	1.30E-03			6.7E+08			
AOI-48 (NW)	Zone1	SVOC	Nitrobenzene	98-95-3	TOTAL	D	1				4.00E-05	4.00E-05	9.6E-03	1.1E+01	7.2E+05			
AOI-48 (NW)	Zone1	SVOC	2-Nitrophenol	88-75-5	TOTAL		1				2.10E-03	2.10E-03	5.8E-02	7.9E+01				
AOI-48 (NW)	Zone1	SVOC	4-Nitrophenol	100-02-7	TOTAL		1				1.90E-03	1.90E-03						
AOI-48 (NW)	Zone1	SVOC	N-Nitrosodiphenylamine	86-30-6	TOTAL	B2	1				1.40E-03	1.40E-03	1.1E+00	3.5E+01				
AOI-48 (NW)	Zone1	SVOC	N-Nitroso-di-n-propylamine	621-64-7	TOTAL	B2	1				6.70E-04	6.70E-04	5.0E-03	3.6E-01				
AOI-48 (NW)	Zone1	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	TOTAL	C	1				7.80E-04	7.80E-04						
AOI-48 (NW)	Zone1	SVOC	Pentachlorophenol	87-86-5	TOTAL	B2	1				1.30E-04	1.30E-04	1.0E-03	2.0E-01	6.1E+07			
AOI-48 (NW)	Zone1	SVOC	Phenanthrene	85-01-8	TOTAL	D	1				8.20E-04	8.20E-04	1.5E-01	1.0E+00				
AOI-48 (NW)	Zone1	SVOC	Phenol	108-95-2	TOTAL	ID	1				2.60E-03	2.60E-03	1.3E+01	2.9E+04	1.5E+08			
AOI-48 (NW)	Zone1	SVOC	Pyrene	129-00-0	TOTAL	D	1				1.10E-03	1.10E-03	1.4E-01	1.4E-01				
AOI-48 (NW)	Zone1	SVOC	2,4,5-Trichlorophenol	95-95-4	TOTAL		1				1.20E-03	1.20E-03	2.1E+00	1.7E+02				
AOI-48 (NW)	Zone1	SVOC	2,4,6-Trichlorophenol	88-06-2	TOTAL	B2	1				1.70E-03	1.70E-03	4.7E-01	1.0E+01				
AOI-48 (NW)	Zone1	P/PCB	PCBs (total)	1336-36-3	TOTAL	B2	1				8.20E-05	8.20E-05	5.0E-04	3.3E-03	1.1E+03			
AOI-48 (NW)	Zone1	INORG	Aluminum	7429-90-5	TOTAL	D	1	1	2.30E-01	2.30E-01			4.1E+00	6.4E+04		5.6E-02	3.6E-06	
AOI-48 (NW)	Zone1	INORG	Antimony	7440-36-0	TOTAL		1				3.40E-03	3.40E-03	6.0E-03	6.8E+01				
AOI-48 (NW)	Zone1	INORG	Arsenic	7440-38-2	TOTAL	A	1				2.10E-03	2.10E-03	5.0E-02	4.3E+00				
AOI-48 (NW)	Zone1	INORG	Barium	7440-39-3	TOTAL	D	1	1	2.10E-01	2.10E-01			2.0E+00	1.4E+04		1.1E-01	1.5E-05	
AOI-48 (NW)	Zone1	INORG	Beryllium	7440-41-7	TOTAL	B1	1				6.00E-04	6.00E-04	4.0E-03	2.9E+02				
AOI-48 (NW)	Zone1	INORG	Cadmium	7440-43-9	TOTAL	B1	1	1	3.00E-04	3.00E-04			5.0E-03	1.9E+02		6.0E-02	1.6E-06	
AOI-48 (NW)	Zone1	INORG	Calcium	7440-70-2	TOTAL		1	1	1.69E+02	1.69E+02								
AOI-48 (NW)	Zone1	INORG	Chromium (total)	7440-47-3	TOTAL		1				1.50E-03	1.50E-03	1.0E-01	4.6E+02				
AOI-48 (NW)	Zone1	INORG	Cobalt	7440-48-4	TOTAL	B1	1	1	1.40E-03	1.40E-03			1.0E-01	2.4E+03		1.4E-02	5.8E-07	
AOI-48 (NW)	Zone1	INORG	Copper	7440-50-8	TOTAL	D	1				1.70E-03	1.70E-03	4.0E+00	7.4E+03				

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-48 (NW)	Zone1	INORG	Cyanide (total)	57-12-5	TOTAL	D	1				1.80E-03	1.80E-03	2.0E-01	5.7E+01				
AOI-48 (NW)	Zone1	INORG	Iron	7439-89-6	TOTAL	D	1	1	1.30E+00	1.30E+00			5.6E+00	5.8E+04		2.3E-01	2.2E-05	
AOI-48 (NW)	Zone1	INORG	Lead	7439-92-1	TOTAL	B2	1				1.60E-03	1.60E-03	4.0E-03					
AOI-48 (NW)	Zone1	INORG	Magnesium	7439-95-4	TOTAL		1	1	4.12E+01	4.12E+01			1.1E+03	1.0E+06		3.7E-02	4.1E-05	
AOI-48 (NW)	Zone1	INORG	Manganese	7439-96-5	TOTAL	D	1	1	1.20E+00	1.20E+00			2.5E+00	9.1E+03		4.8E-01	1.3E-04	
AOI-48 (NW)	Zone1	INORG	Mercury	7439-97-6	TOTAL	D	1				8.70E-05	8.70E-05	2.0E-03	5.6E-02	4.6E+01			
AOI-48 (NW)	Zone1	INORG	Nickel	7440-02-0	TOTAL	A	1	1	4.90E-03	4.90E-03			1.0E-01	7.4E+04		4.9E-02	6.6E-08	
AOI-48 (NW)	Zone1	INORG	Potassium	7440-09-7	TOTAL		1	1	3.30E+00	3.30E+00								
AOI-48 (NW)	Zone1	INORG	Selenium	7782-49-2	TOTAL	D	1				4.70E-03	4.70E-03	5.0E-02	9.7E+02				
AOI-48 (NW)	Zone1	INORG	Silver	7440-22-4	TOTAL	D	1				1.30E-04	1.30E-04	9.8E-02	1.5E+03				
AOI-48 (NW)	Zone1	INORG	Sodium	7440-23-5	TOTAL		1	1	6.51E+02	6.51E+02			3.5E+02	1.0E+06		1.9E+00	6.5E-04	
AOI-48 (NW)	Zone1	INORG	Thallium	7440-28-0	TOTAL		1	1	7.00E-05	7.00E-05			2.0E-03	1.3E+01		3.5E-02	5.4E-06	
AOI-48 (NW)	Zone1	INORG	Vanadium	7440-62-2	TOTAL		1				3.40E-04	3.40E-04	6.2E-02	9.7E+02				
AOI-48 (NW)	Zone1	INORG	Zinc	7440-66-6	TOTAL	D	1	1	2.20E-01	2.20E-01			5.0E+00	1.1E+05		4.4E-02	2.0E-06	
AOI-48 (NW)	Zone1/Zone2	VOC	Acetone	67-64-1	TOTAL	ID	9				5.10E-04	2.20E-01	2.1E+00	3.1E+04	1.6E+08			
AOI-48 (NW)	Zone1/Zone2	VOC	Benzene	71-43-2	TOTAL	A	9				1.60E-04	7.40E-02	5.0E-03	1.1E+01	4.3E+03			
AOI-48 (NW)	Zone1/Zone2	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	9				1.70E-04	6.40E-02	1.0E-01	1.4E+01				
AOI-48 (NW)	Zone1/Zone2	VOC	Bromoform	75-25-2	TOTAL	B2	9				1.80E-04	7.40E-02	1.0E-01	1.4E+02	5.2E+04			
AOI-48 (NW)	Zone1/Zone2	VOC	Bromomethane	74-83-9	TOTAL	D	9				2.00E-04	6.00E-02	2.9E-02	7.0E+01	4.7E+03			
AOI-48 (NW)	Zone1/Zone2	VOC	2-Butanone	78-93-3	TOTAL	ID	9				4.10E-04	1.20E-01	3.8E+01	2.4E+05	3.7E+07			
AOI-48 (NW)	Zone1/Zone2	VOC	Carbon Disulfide	75-15-0	TOTAL		9				2.00E-04	4.80E-02	2.3E+00	1.2E+03	6.8E+03			
AOI-48 (NW)	Zone1/Zone2	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	9				1.20E-04	7.40E-02	5.0E-03	4.6E+00	8.2E+03			
AOI-48 (NW)	Zone1/Zone2	VOC	Chlorobenzene	108-90-7	TOTAL	D	9				1.40E-04	7.60E-02	1.0E-01	8.6E+01	6.6E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	Chloroethane	75-00-3	TOTAL		9				2.60E-04	5.80E-02	1.7E+00	4.4E+02	7.6E+06			
AOI-48 (NW)	Zone1/Zone2	VOC	Chloroform	67-66-3	TOTAL	B2	9				1.40E-04	7.00E-02	1.0E-01	1.5E+02	1.7E+04			
AOI-48 (NW)	Zone1/Zone2	VOC	Chloromethane	74-87-3	TOTAL	D	9				1.30E-04	9.80E-02	1.1E+00	4.9E+02	8.7E+04			
AOI-48 (NW)	Zone1/Zone2	VOC	Cumene	98-82-8	TOTAL	D	9				1.20E-04	7.80E-02	2.3E+00	5.6E+01	6.9E+04			
AOI-48 (NW)	Zone1/Zone2	VOC	Cyclohexane	110-82-7	TOTAL	ID	9				1.30E-04	6.60E-02			3.5E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	9				6.20E-04	1.60E-01	2.0E-04	3.9E-01				
AOI-48 (NW)	Zone1/Zone2	VOC	Dibromochloromethane	124-48-1	TOTAL	C	9				2.60E-04	7.40E-02	1.0E-01	1.8E+01				
AOI-48 (NW)	Zone1/Zone2	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	9				2.20E-04	6.80E-02	1.0E-03	2.5E-02				
AOI-48 (NW)	Zone1/Zone2	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	9				1.10E-04	7.60E-02	6.0E-01	1.6E+02	4.7E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	9				1.50E-04	7.60E-02	1.9E-02	2.0E+00				
AOI-48 (NW)	Zone1/Zone2	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	9				1.70E-04	7.60E-02	7.5E-02	6.4E+00	1.2E+06			
AOI-48 (NW)	Zone1/Zone2	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		9				2.60E-04	9.80E-02	4.8E+00	3.0E+02	1.6E+06			
AOI-48 (NW)	Zone1/Zone2	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	9	2	6.70E-03	1.10E-02	1.60E-04	6.00E-02	2.5E+00	2.4E+03	5.4E+05	4.4E-03	4.6E-06	2.0E-08
AOI-48 (NW)	Zone1/Zone2	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	9				2.10E-04	5.60E-02	5.0E-03	1.9E+01	1.8E+04			
AOI-48 (NW)	Zone1/Zone2	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	9	2	8.70E-04	1.80E-03	2.40E-04	6.20E-02	7.0E-03	1.1E+01	1.2E+04	2.6E-01	1.6E-04	1.5E-07
AOI-48 (NW)	Zone1/Zone2	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	9	2	4.00E-03	4.50E-03	2.20E-04	7.00E-02	7.0E-02	2.0E+02	1.3E+06	6.4E-02	2.3E-05	3.5E-09
AOI-48 (NW)	Zone1/Zone2	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		9	2	7.00E-04	8.20E-04	1.50E-04	6.60E-02	1.0E-01	2.2E+02	7.7E+05	8.2E-03	3.7E-06	1.1E-09
AOI-48 (NW)	Zone1/Zone2	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	9				1.70E-04	8.20E-02	5.0E-03	1.6E+01	7.8E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	9				2.70E-04	7.00E-02	3.5E-02	5.5E+00	4.0E+03			
AOI-48 (NW)	Zone1/Zone2	VOC	Ethyl Benzene	100-41-4	TOTAL	D	9				1.20E-04	8.20E-02	7.0E-01	1.7E+02	5.6E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	2-Hexanone	591-78-6	TOTAL		9				4.60E-04	1.20E-01	2.9E+00	5.2E+03				
AOI-48 (NW)	Zone1/Zone2	VOC	Methyl Acetate	79-20-9	TOTAL		9				4.10E-04	1.10E-01			2.5E+07			
AOI-48 (NW)	Zone1/Zone2	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		9				1.30E-04	5.40E-02	6.9E-01	6.1E+02	6.3E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	9				2.30E-04	5.20E-02	5.2E+00	1.3E+04	1.1E+07			
AOI-48 (NW)	Zone1/Zone2	VOC	Methylcyclohexane	108-87-2	TOTAL		9				1.50E-04	8.40E-02			1.5E+06			
AOI-48 (NW)	Zone1/Zone2	VOC	Methylene Chloride	75-09-2	TOTAL	B2	9				2.90E-04	5.80E-02	5.0E-03	2.2E+02	2.1E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	Styrene	100-42-5	TOTAL		9				1.50E-04	7.00E-02	1.0E-01	9.7E+00	5.1E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	9				2.50E-04	7.20E-02	3.5E-02	4.7E+00	8.5E+04			
AOI-48 (NW)	Zone1/Zone2	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	9				2.30E-04	8.40E-02	5.0E-03	1.2E+01	1.4E+05			

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-48 (NW)	Zone1/Zone2	VOC	Toluene	108-88-3	TOTAL	D	9				1.80E-04	7.80E-02	1.0E+00	5.3E+02	4.9E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	9				1.70E-04	8.00E-02	7.0E-02	1.9E+01				
AOI-48 (NW)	Zone1/Zone2	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	9	4	4.40E-04	2.60E-03	3.90E-04	7.80E-02	2.0E-01	1.3E+03	1.6E+06	1.3E-02	2.0E-06	1.7E-09
AOI-48 (NW)	Zone1/Zone2	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	9				3.00E-04	7.20E-02	5.0E-03	2.1E+01	2.3E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	9	6	1.10E-03	5.00E+00	4.20E-04	4.20E-04	5.0E-03	2.2E+01	2.8E+05	1.0E+03	2.3E-01	1.8E-05
AOI-48 (NW)	Zone1/Zone2	VOC	Trichlorofluoromethane	75-69-4	TOTAL		9				2.80E-04	1.10E-01	7.3E+00	1.1E+03	2.3E+06			
AOI-48 (NW)	Zone1/Zone2	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	TOTAL		9	1	3.30E-04	3.30E-04	3.20E-04	6.40E-02	1.7E+02	1.7E+02	2.4E+06	1.9E-06	1.9E-06	1.4E-10
AOI-48 (NW)	Zone1/Zone2	VOC	Vinyl Chloride	75-01-4	TOTAL	A	9	2	5.40E-04	6.00E-04	1.50E-04	7.20E-02	2.0E-03	1.0E+00	1.3E+03	3.0E-01	6.0E-04	4.6E-07
AOI-48 (NW)	Zone1/Zone2	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	9				3.30E-04	8.80E-02	1.0E+01	1.9E+02	5.7E+05			
AOI-48 (NW)	Zone1/Zone2	SVOC	Acenaphthene	83-32-9	TOTAL		3				8.00E-04	8.00E-04	3.8E+00	4.2E+00				
AOI-48 (NW)	Zone1/Zone2	SVOC	Acenaphthylene	208-96-8	TOTAL	D	3				7.10E-04	7.10E-04	1.5E-01	3.9E+00				
AOI-48 (NW)	Zone1/Zone2	SVOC	Acetophenone	98-86-2	TOTAL	D	3				2.60E-03	2.60E-03	4.4E+00	6.1E+03	1.5E+07			
AOI-48 (NW)	Zone1/Zone2	SVOC	Anthracene	120-12-7	TOTAL	D	3				6.80E-04	6.80E-04	4.3E-02	4.3E-02				
AOI-48 (NW)	Zone1/Zone2	SVOC	Atrazine	1912-24-9	TOTAL	C	3				2.50E-03	2.50E-03	3.0E-03	5.4E+00	1.7E+09			
AOI-48 (NW)	Zone1/Zone2	SVOC	Benzaldehyde	100-52-7	TOTAL		3				2.80E-03	2.80E-03						
AOI-48 (NW)	Zone1/Zone2	SVOC	Benzo(a)anthracene	56-55-3	TOTAL	B2	3				7.00E-04	7.00E-04	8.5E-03	9.4E-03				
AOI-48 (NW)	Zone1/Zone2	SVOC	Benzo(a)pyrene	50-32-8	TOTAL	B2	3				4.90E-05	4.90E-05	5.0E-03	2.0E-03				
AOI-48 (NW)	Zone1/Zone2	SVOC	Benzo(b)fluoranthene	205-99-2	TOTAL	B2	3				9.40E-04	9.40E-04	2.0E-03	2.0E-03				
AOI-48 (NW)	Zone1/Zone2	SVOC	Benzo(g,h,i)perylene	191-24-2	TOTAL	D	3				1.40E-05	1.40E-05	5.0E-03	5.0E-03				
AOI-48 (NW)	Zone1/Zone2	SVOC	Benzo(k)fluoranthene	207-08-9	TOTAL	B2	3				4.30E-05	4.30E-05	5.0E-03	5.0E-03				
AOI-48 (NW)	Zone1/Zone2	SVOC	Biphenyl	92-52-4	TOTAL	D	3				2.60E-03	2.60E-03						
AOI-48 (NW)	Zone1/Zone2	SVOC	bis(2-Chloroethoxy)methane	111-91-1	TOTAL	D	3				8.70E-04	8.70E-04						
AOI-48 (NW)	Zone1/Zone2	SVOC	bis(2-Chloroethyl) ether	111-44-4	TOTAL	B2	3				2.80E-05	2.80E-05	8.3E-03	5.7E+00	5.6E+06			
AOI-48 (NW)	Zone1/Zone2	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	TOTAL	B2	3	1	3.50E-03	3.50E-03	2.70E-03	2.70E-03	6.0E-03	3.2E-01	1.6E+08	5.8E-01	1.1E-02	2.2E-11
AOI-48 (NW)	Zone1/Zone2	SVOC	4-Bromophenyl-phenyl ether	101-55-3	TOTAL	D	3				8.80E-04	8.80E-04						
AOI-48 (NW)	Zone1/Zone2	SVOC	Butylbenzylphthalate	85-68-7	TOTAL	C	3				8.80E-04	8.80E-04	2.7E+00	2.7E+00				
AOI-48 (NW)	Zone1/Zone2	SVOC	Caprolactam	105-60-2	TOTAL		3				2.50E-03	2.50E-03	1.7E+01	3.9E+05				
AOI-48 (NW)	Zone1/Zone2	SVOC	Carbazole	86-74-8	TOTAL	B2	3				8.20E-04	8.20E-04	3.5E-01	7.4E+00				
AOI-48 (NW)	Zone1/Zone2	SVOC	4-Chloro-3-methylphenol	59-50-7	TOTAL		3				9.90E-04	9.90E-04	4.2E-01	7.9E+01				
AOI-48 (NW)	Zone1/Zone2	SVOC	4-Chloroaniline	106-47-8	TOTAL		3				6.10E-04	6.10E-04						
AOI-48 (NW)	Zone1/Zone2	SVOC	2-Chloronaphthalene	91-58-7	TOTAL		3				8.50E-04	8.50E-04	5.2E+00	6.7E+00				
AOI-48 (NW)	Zone1/Zone2	SVOC	2-Chlorophenol	95-57-8	TOTAL		3				1.00E-03	1.00E-03	1.3E-01	9.4E+01				
AOI-48 (NW)	Zone1/Zone2	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3	TOTAL		3				7.90E-04	7.90E-04						
AOI-48 (NW)	Zone1/Zone2	SVOC	Chrysene	218-01-9	TOTAL	B2	3				4.20E-05	4.20E-05	5.0E-03	5.0E-03				
AOI-48 (NW)	Zone1/Zone2	SVOC	Dibenz(a,h)anthracene	53-70-3	TOTAL	B2	3				7.90E-04	7.90E-04	2.0E-03	2.0E-03				
AOI-48 (NW)	Zone1/Zone2	SVOC	Dibenzofuran	132-64-9	TOTAL	D	3				1.10E-03	1.10E-03						
AOI-48 (NW)	Zone1/Zone2	SVOC	3,3'-Dichlorobenzidine	91-94-1	TOTAL	B2	3				2.40E-05	2.40E-05	4.3E-03	1.8E-01				
AOI-48 (NW)	Zone1/Zone2	SVOC	2,4-Dichlorophenol	120-83-2	TOTAL		3				8.50E-04	8.50E-04	2.1E-01	4.8E+01				
AOI-48 (NW)	Zone1/Zone2	SVOC	Diethylphthalate	84-66-2	TOTAL	D	3				6.50E-04	6.50E-04	1.6E+01	1.1E+03	3.6E+07			
AOI-48 (NW)	Zone1/Zone2	SVOC	2,4-Dimethylphenol	105-67-9	TOTAL		3				8.50E-04	8.50E-04	1.0E+00	5.2E+02				
AOI-48 (NW)	Zone1/Zone2	SVOC	Dimethylphthalate	131-11-3	TOTAL	D	3				7.60E-04	7.60E-04	2.1E+02	4.2E+03	1.5E+08			
AOI-48 (NW)	Zone1/Zone2	SVOC	Di-n-butylphthalate	84-74-2	TOTAL	D	3				6.70E-04	6.70E-04	2.5E+00	1.1E+01	1.4E+09			
AOI-48 (NW)	Zone1/Zone2	SVOC	4,6-Dinitro-2-methylphenol	534-52-1	TOTAL		3				1.30E-03	1.30E-03	2.0E-02	9.5E+00				
AOI-48 (NW)	Zone1/Zone2	SVOC	2,4-Dinitrophenol	51-28-5	TOTAL		3				3.00E-03	3.00E-03						
AOI-48 (NW)	Zone1/Zone2	SVOC	2,4-Dinitrotoluene	121-14-2	TOTAL	B2	3				7.90E-04	7.90E-04	3.2E-02	8.6E+00				
AOI-48 (NW)	Zone1/Zone2	SVOC	2,6-Dinitrotoluene	606-20-2	TOTAL	B2	3				5.70E-04	5.70E-04						
AOI-48 (NW)	Zone1/Zone2	SVOC	Di-n-octylphthalate	117-84-0	TOTAL		3				1.10E-03	1.10E-03	3.8E-01	4.0E-01				
AOI-48 (NW)	Zone1/Zone2	SVOC	Fluoranthene	206-44-0	TOTAL	D	3				4.60E-05	2.00E-04	2.1E-01	2.1E-01				
AOI-48 (NW)	Zone1/Zone2	SVOC	Fluorene	86-73-7	TOTAL	D	3				1.00E-03	1.00E-03	2.0E+00	2.0E+00				
AOI-48 (NW)	Zone1/Zone2	SVOC	Hexachlorobenzene	118-74-1	TOTAL	B2	3				7.40E-04	7.40E-04	1.0E-03	4.6E-03	9.1E+00			
AOI-48 (NW)	Zone1/Zone2	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	3				7.30E-04	7.30E-04	4.2E-02	4.0E-01	3.0E+01			
AOI-48 (NW)	Zone1/Zone2	SVOC	Hexachlorocyclopentadiene	77-47-4	TOTAL	E	3				1.10E-03	1.10E-03	5.0E-02	1.6E+00	1.1E+02			

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-48 (NW)	Zone1/Zone2	SVOC	Hexachloroethane	67-72-1	TOTAL	C	3				7.40E-04	7.40E-04	2.1E-02	1.9E+00	5.8E+04			
AOI-48 (NW)	Zone1/Zone2	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	TOTAL	B2	3				4.00E-05	4.00E-05	2.0E-03	2.0E-03				
AOI-48 (NW)	Zone1/Zone2	SVOC	Isophorone	78-59-1	TOTAL	C	3				6.30E-04	6.30E-04	3.1E+00	9.9E+02	1.2E+07			
AOI-48 (NW)	Zone1/Zone2	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	3				6.40E-04	6.40E-04	7.5E-01	2.5E+01				
AOI-48 (NW)	Zone1/Zone2	SVOC	Methylphenol (total)	1319-77-3	TOTAL		3				1.30E-03	1.30E-03	1.0E+00	8.1E+02	8.2E+07			
AOI-48 (NW)	Zone1/Zone2	SVOC	Naphthalene	91-20-3	TOTAL	C	3				7.50E-04	7.50E-04	1.5E+00	3.1E+01	4.7E+05			
AOI-48 (NW)	Zone1/Zone2	SVOC	2-Nitroaniline	88-74-4	TOTAL		3				7.00E-04	7.00E-04						
AOI-48 (NW)	Zone1/Zone2	SVOC	3-Nitroaniline	99-09-2	TOTAL	C	3				7.10E-04	7.10E-04						
AOI-48 (NW)	Zone1/Zone2	SVOC	4-Nitroaniline	100-01-6	TOTAL	C	3				1.30E-03	1.30E-03			6.7E+08			
AOI-48 (NW)	Zone1/Zone2	SVOC	Nitrobenzene	98-95-3	TOTAL	D	3				4.00E-05	4.00E-05	9.6E-03	1.1E+01	7.2E+05			
AOI-48 (NW)	Zone1/Zone2	SVOC	2-Nitrophenol	88-75-5	TOTAL		3				2.10E-03	2.10E-03	5.8E-02	7.9E+01				
AOI-48 (NW)	Zone1/Zone2	SVOC	4-Nitrophenol	100-02-7	TOTAL		3				1.90E-03	1.90E-03						
AOI-48 (NW)	Zone1/Zone2	SVOC	N-Nitrosodiphenylamine	86-30-6	TOTAL	B2	3				1.40E-03	1.40E-03	1.1E+00	3.5E+01				
AOI-48 (NW)	Zone1/Zone2	SVOC	N-Nitroso-di-n-propylamine	621-64-7	TOTAL	B2	3				6.70E-04	6.70E-04	5.0E-03	3.6E-01				
AOI-48 (NW)	Zone1/Zone2	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	TOTAL	C	3				7.80E-04	7.80E-04						
AOI-48 (NW)	Zone1/Zone2	SVOC	Pentachlorophenol	87-86-5	TOTAL	B2	3				1.30E-04	1.30E-04	1.0E-03	2.0E-01	6.1E+07			
AOI-48 (NW)	Zone1/Zone2	SVOC	Phenanthrene	85-01-8	TOTAL	D	3				8.20E-04	8.20E-04	1.5E-01	1.0E+00				
AOI-48 (NW)	Zone1/Zone2	SVOC	Phenol	108-95-2	TOTAL	ID	3				2.60E-03	2.60E-03	1.3E+01	2.9E+04	1.5E+08			
AOI-48 (NW)	Zone1/Zone2	SVOC	Pyrene	129-00-0	TOTAL	D	3				1.10E-03	1.10E-03	1.4E-01	1.4E-01				
AOI-48 (NW)	Zone1/Zone2	SVOC	2,4,5-Trichlorophenol	95-95-4	TOTAL		3				1.20E-03	1.20E-03	2.1E+00	1.7E+02				
AOI-48 (NW)	Zone1/Zone2	SVOC	2,4,6-Trichlorophenol	88-06-2	TOTAL	B2	3				1.70E-03	1.70E-03	4.7E-01	1.0E+01				
AOI-48 (NW)	Zone1/Zone2	P/PCB	PCBs (total)	1336-36-3	TOTAL	B2	3				8.20E-05	8.20E-05	5.0E-04	3.3E-03	1.1E+03			
AOI-48 (NW)	Zone1/Zone2	INORG	Aluminum	7429-90-5	TOTAL	D	3	3	7.10E-02	4.90E+00			4.1E+00	6.4E+04		1.2E+00	7.7E-05	
AOI-48 (NW)	Zone1/Zone2	INORG	Antimony	7440-36-0	TOTAL		3				3.40E-03	3.40E-03	6.0E-03	6.8E+01				
AOI-48 (NW)	Zone1/Zone2	INORG	Arsenic	7440-38-2	TOTAL	A	3	1	5.40E-03	5.40E-03	2.10E-03	2.10E-03	5.0E-02	4.3E+00		1.1E-01	1.3E-03	
AOI-48 (NW)	Zone1/Zone2	INORG	Barium	7440-39-3	TOTAL	D	3	3	4.00E-02	1.20E-01			2.0E+00	1.4E+04		6.0E-02	8.6E-06	
AOI-48 (NW)	Zone1/Zone2	INORG	Beryllium	7440-41-7	TOTAL	B1	3				6.00E-04	6.00E-04	4.0E-03	2.9E+02				
AOI-48 (NW)	Zone1/Zone2	INORG	Cadmium	7440-43-9	TOTAL	B1	3				2.80E-04	2.80E-04	5.0E-03	1.9E+02				
AOI-48 (NW)	Zone1/Zone2	INORG	Calcium	7440-70-2	TOTAL		3	3	1.05E+02	2.02E+02								
AOI-48 (NW)	Zone1/Zone2	INORG	Chromium (total)	7440-47-3	TOTAL		3	3	2.60E-03	8.20E-03			1.0E-01	4.6E+02		8.2E-02	1.8E-05	
AOI-48 (NW)	Zone1/Zone2	INORG	Cobalt	7440-48-4	TOTAL	B1	3	3	9.00E-04	4.90E-03			1.0E-01	2.4E+03		4.9E-02	2.0E-06	
AOI-48 (NW)	Zone1/Zone2	INORG	Copper	7440-50-8	TOTAL	D	3	1	1.00E-02	1.00E-02	1.70E-03	1.70E-03	4.0E+00	7.4E+03		2.5E-03	1.4E-06	
AOI-48 (NW)	Zone1/Zone2	INORG	Cyanide (total)	57-12-5	TOTAL	D	3	1	4.50E-03	4.50E-03	1.80E-03	1.80E-03	2.0E-01	5.7E+01		2.3E-02	7.9E-05	
AOI-48 (NW)	Zone1/Zone2	INORG	Iron	7439-89-6	TOTAL	D	3	3	9.70E-02	1.00E+01			5.6E+00	5.8E+04		1.8E+00	1.7E-04	
AOI-48 (NW)	Zone1/Zone2	INORG	Lead	7439-92-1	TOTAL	B2	3	1	6.50E-03	6.50E-03	1.60E-03	1.60E-03	4.0E-03			1.6E+00		
AOI-48 (NW)	Zone1/Zone2	INORG	Magnesium	7439-95-4	TOTAL		3	3	2.15E+01	5.83E+01			1.1E+03	1.0E+06		5.3E-02	5.8E-05	
AOI-48 (NW)	Zone1/Zone2	INORG	Manganese	7439-96-5	TOTAL	D	3	3	9.70E-03	4.10E-01			2.5E+00	9.1E+03		1.6E-01	4.5E-05	
AOI-48 (NW)	Zone1/Zone2	INORG	Mercury	7439-97-6	TOTAL	D	3				8.70E-05	8.70E-05	2.0E-03	5.6E-02	4.6E+01			
AOI-48 (NW)	Zone1/Zone2	INORG	Nickel	7440-02-0	TOTAL	A	3	2	4.30E-03	1.40E-02	2.90E-03	2.90E-03	1.0E-01	7.4E+04		1.4E-01	1.9E-07	
AOI-48 (NW)	Zone1/Zone2	INORG	Potassium	7440-09-7	TOTAL		3	3	4.60E+00	1.52E+01								
AOI-48 (NW)	Zone1/Zone2	INORG	Selenium	7782-49-2	TOTAL	D	3				4.70E-03	4.70E-03	5.0E-02	9.7E+02				
AOI-48 (NW)	Zone1/Zone2	INORG	Silver	7440-22-4	TOTAL	D	3				1.30E-04	1.30E-04	9.8E-02	1.5E+03				
AOI-48 (NW)	Zone1/Zone2	INORG	Sodium	7440-23-5	TOTAL		3	3	4.61E+01	8.00E+02			3.5E+02	1.0E+06		2.3E+00	8.0E-04	
AOI-48 (NW)	Zone1/Zone2	INORG	Thallium	7440-28-0	TOTAL		3	1	1.10E-04	1.10E-04	3.30E-05	3.30E-05	2.0E-03	1.3E+01		5.5E-02	8.5E-06	
AOI-48 (NW)	Zone1/Zone2	INORG	Vanadium	7440-62-2	TOTAL		3	2	6.90E-04	1.10E-02	3.40E-04	3.40E-04	6.2E-02	9.7E+02		1.8E-01	1.1E-05	
AOI-48 (NW)	Zone1/Zone2	INORG	Zinc	7440-66-6	TOTAL	D	3	2	2.00E-01	3.00E-01	1.40E-02	1.40E-02	5.0E+00	1.1E+05		6.0E-02	2.7E-06	
AOI-48 (NW)	Zone2	VOC	Acetone	67-64-1	TOTAL	ID	17	1	9.10E-01	9.10E-01	5.10E-04	1.80E+01	2.1E+00	3.1E+04	1.6E+08	4.3E-01	2.9E-05	5.8E-09
AOI-48 (NW)	Zone2	VOC	Benzene	71-43-2	TOTAL	A	17	1	8.30E-03	8.30E-03	1.60E-04	6.20E+00	5.0E-03	1.1E+01	4.3E+03	1.7E+00	7.5E-04	1.9E-06
AOI-48 (NW)	Zone2	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	17				1.70E-04	5.30E+00	1.0E-01	1.4E+01				
AOI-48 (NW)	Zone2	VOC	Bromoform	75-25-2	TOTAL	B2	17				1.80E-04	8.00E+00	1.0E-01	1.4E+02	5.2E+04			
AOI-48 (NW)	Zone2	VOC	Bromomethane	74-83-9	TOTAL	D	17				2.00E-04	5.00E+00	2.9E-02	7.0E+01	4.7E+03			
AOI-48 (NW)	Zone2	VOC	2-Butanone	78-93-3	TOTAL	ID	17	2	2.90E-03	1.50E-02	4.10E-04	9.80E+00	3.8E+01	2.4E+05	3.7E+07	3.9E-04	6.3E-08	4.1E-10

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-48 (NW)	Zone2	VOC	Carbon Disulfide	75-15-0	TOTAL		17	2	2.10E-04	2.10E-04	2.00E-04	5.20E+00	2.3E+00	1.2E+03	6.8E+03	9.1E-05	1.8E-07	3.1E-08
AOI-48 (NW)	Zone2	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	17	1	5.00E-04	5.00E-04	1.20E-04	6.20E+00	5.0E-03	4.6E+00	8.2E+03	1.0E-01	1.1E-04	6.1E-08
AOI-48 (NW)	Zone2	VOC	Chlorobenzene	108-90-7	TOTAL	D	17				1.40E-04	6.30E+00	1.0E-01	8.6E+01	6.6E+05			
AOI-48 (NW)	Zone2	VOC	Chloroethane	75-00-3	TOTAL		17				2.60E-04	5.50E+00	1.7E+00	4.4E+02	7.6E+06			
AOI-48 (NW)	Zone2	VOC	Chloroform	67-66-3	TOTAL	B2	17	1	2.80E-03	2.80E-03	1.40E-04	5.80E+00	1.0E-01	1.5E+02	1.7E+04	2.8E-02	1.9E-05	1.7E-07
AOI-48 (NW)	Zone2	VOC	Chloromethane	74-87-3	TOTAL	D	17				1.30E-04	8.20E+00	1.1E+00	4.9E+02	8.7E+04			
AOI-48 (NW)	Zone2	VOC	Cumene	98-82-8	TOTAL	D	17				1.20E-04	6.50E+00	2.3E+00	5.6E+01	6.9E+04			
AOI-48 (NW)	Zone2	VOC	Cyclohexane	110-82-7	TOTAL	ID	17				1.30E-04	8.50E+00			3.5E+05			
AOI-48 (NW)	Zone2	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	17				6.20E-04	1.40E+01	2.0E-04	3.9E-01				
AOI-48 (NW)	Zone2	VOC	Dibromochloromethane	124-48-1	TOTAL	C	17				2.60E-04	6.20E+00	1.0E-01	1.8E+01				
AOI-48 (NW)	Zone2	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	17				2.20E-04	5.70E+00	1.0E-03	2.5E-02				
AOI-48 (NW)	Zone2	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	17				1.10E-04	6.30E+00	6.0E-01	1.6E+02	4.7E+05			
AOI-48 (NW)	Zone2	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	17				1.50E-04	6.30E+00	1.9E-02	2.0E+00				
AOI-48 (NW)	Zone2	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	17				1.70E-04	6.30E+00	7.5E-02	6.4E+00	1.2E+06			
AOI-48 (NW)	Zone2	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		17				2.60E-04	8.20E+00	4.8E+00	3.0E+02	1.6E+06			
AOI-48 (NW)	Zone2	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	17	2	1.10E-01	1.30E-01	1.60E-04	6.50E+00	2.5E+00	2.4E+03	5.4E+05	5.2E-02	5.4E-05	2.4E-07
AOI-48 (NW)	Zone2	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	17				2.10E-04	5.50E+00	5.0E-03	1.9E+01	1.8E+04			
AOI-48 (NW)	Zone2	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	17	2	5.40E-03	5.60E-03	2.40E-04	5.50E+00	7.0E-03	1.1E+01	1.2E+04	8.0E-01	5.1E-04	4.7E-07
AOI-48 (NW)	Zone2	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	17	6	5.80E-04	7.20E-02	2.20E-04	6.20E+00	7.0E-02	2.0E+02	1.3E+06	1.0E+00	3.6E-04	5.6E-08
AOI-48 (NW)	Zone2	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		17	5	4.80E-03	7.80E-02	1.50E-04	6.00E+00	1.0E-01	2.2E+02	7.7E+05	7.8E-01	3.5E-04	1.0E-07
AOI-48 (NW)	Zone2	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	17				1.70E-04	6.80E+00	5.0E-03	1.6E+01	7.8E+05			
AOI-48 (NW)	Zone2	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	17				2.70E-04	5.80E+00	3.5E-02	5.5E+00	4.0E+03			
AOI-48 (NW)	Zone2	VOC	Ethyl Benzene	100-41-4	TOTAL	D	17				1.20E-04	6.80E+00	7.0E-01	1.7E+02	5.6E+05			
AOI-48 (NW)	Zone2	VOC	2-Hexanone	591-78-6	TOTAL		17				4.60E-04	9.70E+00	2.9E+00	5.2E+03				
AOI-48 (NW)	Zone2	VOC	Methyl Acetate	79-20-9	TOTAL		17				4.10E-04	1.70E+01			2.5E+07			
AOI-48 (NW)	Zone2	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		17				1.30E-04	5.20E+00	6.9E-01	6.1E+02	6.3E+05			
AOI-48 (NW)	Zone2	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	17				2.30E-04	8.50E+00	5.2E+00	1.3E+04	1.1E+07			
AOI-48 (NW)	Zone2	VOC	Methylcyclohexane	108-87-2	TOTAL		17				1.50E-04	7.00E+00			1.5E+06			
AOI-48 (NW)	Zone2	VOC	Methylene Chloride	75-09-2	TOTAL	B2	17				2.90E-04	7.00E+00	5.0E-03	2.2E+02	2.1E+05			
AOI-48 (NW)	Zone2	VOC	Styrene	100-42-5	TOTAL		17				1.50E-04	5.80E+00	1.0E-01	9.7E+00	5.1E+05			
AOI-48 (NW)	Zone2	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	17				2.50E-04	6.00E+00	3.5E-02	4.7E+00	8.5E+04			
AOI-48 (NW)	Zone2	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	17				2.30E-04	7.00E+00	5.0E-03	1.2E+01	1.4E+05			
AOI-48 (NW)	Zone2	VOC	Toluene	108-88-3	TOTAL	D	17				1.80E-04	6.50E+00	1.0E+00	5.3E+02	4.9E+05			
AOI-48 (NW)	Zone2	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	17				1.70E-04	6.70E+00	7.0E-02	1.9E+01				
AOI-48 (NW)	Zone2	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	17	1	1.60E-04	1.60E-04	1.50E-04	6.50E+00	2.0E-01	1.3E+03	1.6E+06	8.0E-04	1.2E-07	1.0E-10
AOI-48 (NW)	Zone2	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	17				3.00E-04	6.00E+00	5.0E-03	2.1E+01	2.3E+05			
AOI-48 (NW)	Zone2	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	17	11	3.00E-04	8.50E+02	1.40E-04	7.00E-03	5.0E-03	2.2E+01	2.8E+05	1.7E+05	3.9E+01	3.1E-03
AOI-48 (NW)	Zone2	VOC	Trichlorofluoromethane	75-69-4	TOTAL		17				2.80E-04	9.00E+00	7.3E+00	1.1E+03	2.3E+06			
AOI-48 (NW)	Zone2	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	TOTAL		17				3.20E-04	5.80E+00	1.7E+02	1.7E+02	2.4E+06			
AOI-48 (NW)	Zone2	VOC	Vinyl Chloride	75-01-4	TOTAL	A	17	3	2.40E-04	2.80E-03	1.50E-04	6.50E+00	2.0E-03	1.0E+00	1.3E+03	1.4E+00	2.8E-03	2.1E-06
AOI-48 (NW)	Zone2	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	17				3.30E-04	1.10E+01	1.0E+01	1.9E+02	5.7E+05			
AOI-48 (NW)	Zone2	SVOC	Acenaphthene	83-32-9	TOTAL		8				8.00E-04	8.00E-04	3.8E+00	4.2E+00				
AOI-48 (NW)	Zone2	SVOC	Acenaphthylene	208-96-8	TOTAL	D	8				7.10E-04	7.10E-04	1.5E-01	3.9E+00				
AOI-48 (NW)	Zone2	SVOC	Acetophenone	98-86-2	TOTAL	D	8				2.60E-03	2.60E-03	4.4E+00	6.1E+03	1.5E+07			
AOI-48 (NW)	Zone2	SVOC	Anthracene	120-12-7	TOTAL	D	8				6.80E-04	6.80E-04	4.3E-02	4.3E-02				
AOI-48 (NW)	Zone2	SVOC	Atrazine	1912-24-9	TOTAL	C	8				2.50E-03	2.50E-03	3.0E-03	5.4E+00	1.7E+09			
AOI-48 (NW)	Zone2	SVOC	Benzaldehyde	100-52-7	TOTAL		8				2.80E-03	2.80E-03						
AOI-48 (NW)	Zone2	SVOC	Benzo(a)anthracene	56-55-3	TOTAL	B2	8				7.00E-04	7.00E-04	8.5E-03	9.4E-03				
AOI-48 (NW)	Zone2	SVOC	Benzo(a)pyrene	50-32-8	TOTAL	B2	8				4.90E-05	7.30E-04	5.0E-03	2.0E-03				
AOI-48 (NW)	Zone2	SVOC	Benzo(b)fluoranthene	205-99-2	TOTAL	B2	8				9.40E-04	9.40E-04	2.0E-03	2.0E-03				
AOI-48 (NW)	Zone2	SVOC	Benzo(g,h,i)perylene	191-24-2	TOTAL	D	8				1.40E-05	8.50E-04	5.0E-03	5.0E-03				
AOI-48 (NW)	Zone2	SVOC	Benzo(k)fluoranthene	207-08-9	TOTAL	B2	8				4.30E-05	8.40E-04	5.0E-03	5.0E-03				

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-48 (NW)	Zone2	SVOC	Biphenyl	92-52-4	TOTAL	D	8				2.60E-03	2.60E-03						
AOI-48 (NW)	Zone2	SVOC	bis(2-Chloroethoxy)methane	111-91-1	TOTAL	D	8				8.70E-04	8.70E-04						
AOI-48 (NW)	Zone2	SVOC	bis(2-Chloroethyl) ether	111-44-4	TOTAL	B2	8				2.80E-05	9.70E-04	8.3E-03	5.7E+00	5.6E+06			
AOI-48 (NW)	Zone2	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	TOTAL	B2	8				2.70E-03	2.70E-03	6.0E-03	3.2E-01	1.6E+08			
AOI-48 (NW)	Zone2	SVOC	4-Bromophenyl-phenyl ether	101-55-3	TOTAL	D	8				8.80E-04	8.80E-04						
AOI-48 (NW)	Zone2	SVOC	Butylbenzylphthalate	85-68-7	TOTAL	C	8				8.80E-04	8.80E-04	2.7E+00	2.7E+00				
AOI-48 (NW)	Zone2	SVOC	Caprolactam	105-60-2	TOTAL		8				2.50E-03	2.50E-03	1.7E+01	3.9E+05				
AOI-48 (NW)	Zone2	SVOC	Carbazole	86-74-8	TOTAL	B2	8				8.20E-04	8.20E-04	3.5E-01	7.4E+00				
AOI-48 (NW)	Zone2	SVOC	4-Chloro-3-methylphenol	59-50-7	TOTAL		8				9.90E-04	9.90E-04	4.2E-01	7.9E+01				
AOI-48 (NW)	Zone2	SVOC	4-Chloroaniline	106-47-8	TOTAL		8				6.10E-04	6.10E-04						
AOI-48 (NW)	Zone2	SVOC	2-Chloronaphthalene	91-58-7	TOTAL		8				8.50E-04	8.50E-04	5.2E+00	6.7E+00				
AOI-48 (NW)	Zone2	SVOC	2-Chlorophenol	95-57-8	TOTAL		8				1.00E-03	1.00E-03	1.3E-01	9.4E+01				
AOI-48 (NW)	Zone2	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3	TOTAL		8				7.90E-04	7.90E-04						
AOI-48 (NW)	Zone2	SVOC	Chrysene	218-01-9	TOTAL	B2	8				4.20E-05	7.50E-04	5.0E-03	5.0E-03				
AOI-48 (NW)	Zone2	SVOC	Dibenz(a,h)anthracene	53-70-3	TOTAL	B2	8				7.90E-04	7.90E-04	2.0E-03	2.0E-03				
AOI-48 (NW)	Zone2	SVOC	Dibenzofuran	132-64-9	TOTAL	D	8				1.10E-03	1.10E-03						
AOI-48 (NW)	Zone2	SVOC	3,3'-Dichlorobenzidine	91-94-1	TOTAL	B2	8				2.40E-05	9.30E-04	4.3E-03	1.8E-01				
AOI-48 (NW)	Zone2	SVOC	2,4-Dichlorophenol	120-83-2	TOTAL		8				8.50E-04	8.50E-04	2.1E-01	4.8E+01				
AOI-48 (NW)	Zone2	SVOC	Diethylphthalate	84-66-2	TOTAL	D	8	1	6.80E-04	6.80E-04	6.50E-04	6.50E-04	1.6E+01	1.1E+03	3.6E+07	4.3E-05	6.2E-07	1.9E-11
AOI-48 (NW)	Zone2	SVOC	2,4-Dimethylphenol	105-67-9	TOTAL		8				8.50E-04	8.50E-04	1.0E+00	5.2E+02				
AOI-48 (NW)	Zone2	SVOC	Dimethylphthalate	131-11-3	TOTAL	D	8				7.60E-04	7.60E-04	2.1E+02	4.2E+03	1.5E+08			
AOI-48 (NW)	Zone2	SVOC	Di-n-butylphthalate	84-74-2	TOTAL	D	8				6.70E-04	6.70E-04	2.5E+00	1.1E+01	1.4E+09			
AOI-48 (NW)	Zone2	SVOC	4,6-Dinitro-2-methylphenol	534-52-1	TOTAL		8				1.30E-03	1.30E-03	2.0E-02	9.5E+00				
AOI-48 (NW)	Zone2	SVOC	2,4-Dinitrophenol	51-28-5	TOTAL		8				3.00E-03	3.00E-03						
AOI-48 (NW)	Zone2	SVOC	2,4-Dinitrotoluene	121-14-2	TOTAL	B2	8				7.90E-04	7.90E-04	3.2E-02	8.6E+00				
AOI-48 (NW)	Zone2	SVOC	2,6-Dinitrotoluene	606-20-2	TOTAL	B2	8				5.70E-04	5.70E-04						
AOI-48 (NW)	Zone2	SVOC	Di-n-octylphthalate	117-84-0	TOTAL		8				1.10E-03	1.10E-03	3.8E-01	4.0E-01				
AOI-48 (NW)	Zone2	SVOC	Fluoranthene	206-44-0	TOTAL	D	8				2.00E-04	8.10E-04	2.1E-01	2.1E-01				
AOI-48 (NW)	Zone2	SVOC	Fluorene	86-73-7	TOTAL	D	8				1.00E-03	1.00E-03	2.0E+00	2.0E+00				
AOI-48 (NW)	Zone2	SVOC	Hexachlorobenzene	118-74-1	TOTAL	B2	8				7.40E-04	7.40E-04	1.0E-03	4.6E-03	9.1E+00			
AOI-48 (NW)	Zone2	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	8				7.30E-04	7.30E-04	4.2E-02	4.0E-01	3.0E+01			
AOI-48 (NW)	Zone2	SVOC	Hexachlorocyclopentadiene	77-47-4	TOTAL	E	8				1.10E-03	1.10E-03	5.0E-02	1.6E+00	1.1E+02			
AOI-48 (NW)	Zone2	SVOC	Hexachloroethane	67-72-1	TOTAL	C	8				7.40E-04	7.40E-04	2.1E-02	1.9E+00	5.8E+04			
AOI-48 (NW)	Zone2	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	TOTAL	B2	8				4.00E-05	6.30E-04	2.0E-03	2.0E-03				
AOI-48 (NW)	Zone2	SVOC	Isophorone	78-59-1	TOTAL	C	8				6.30E-04	6.30E-04	3.1E+00	9.9E+02	1.2E+07			
AOI-48 (NW)	Zone2	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	8				6.40E-04	6.40E-04	7.5E-01	2.5E+01				
AOI-48 (NW)	Zone2	SVOC	Methylphenol (total)	1319-77-3	TOTAL		8	1	4.30E-02	4.30E-02	1.30E-03	1.30E-03	1.0E+00	8.1E+02	8.2E+07	4.3E-02	5.3E-05	5.3E-10
AOI-48 (NW)	Zone2	SVOC	Naphthalene	91-20-3	TOTAL	C	8				7.50E-04	7.50E-04	1.5E+00	3.1E+01	4.7E+05			
AOI-48 (NW)	Zone2	SVOC	2-Nitroaniline	88-74-4	TOTAL		8				7.00E-04	7.00E-04						
AOI-48 (NW)	Zone2	SVOC	3-Nitroaniline	99-09-2	TOTAL	C	8				7.10E-04	7.10E-04						
AOI-48 (NW)	Zone2	SVOC	4-Nitroaniline	100-01-6	TOTAL	C	8				1.30E-03	1.30E-03			6.7E+08			
AOI-48 (NW)	Zone2	SVOC	Nitrobenzene	98-95-3	TOTAL	D	8				4.00E-05	8.10E-04	9.6E-03	1.1E+01	7.2E+05			
AOI-48 (NW)	Zone2	SVOC	2-Nitrophenol	88-75-5	TOTAL		8				2.10E-03	2.10E-03	5.8E-02	7.9E+01				
AOI-48 (NW)	Zone2	SVOC	4-Nitrophenol	100-02-7	TOTAL		8				1.90E-03	1.90E-03						
AOI-48 (NW)	Zone2	SVOC	N-Nitrosodiphenylamine	86-30-6	TOTAL	B2	8				1.40E-03	1.40E-03	1.1E+00	3.5E+01				
AOI-48 (NW)	Zone2	SVOC	N-Nitroso-di-n-propylamine	621-64-7	TOTAL	B2	8				6.70E-04	6.70E-04	5.0E-03	3.6E-01				
AOI-48 (NW)	Zone2	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	TOTAL	C	8				7.80E-04	7.80E-04						
AOI-48 (NW)	Zone2	SVOC	Pentachlorophenol	87-86-5	TOTAL	B2	8				1.30E-04	2.40E-03	1.0E-03	2.0E-01	6.1E+07			
AOI-48 (NW)	Zone2	SVOC	Phenanthrene	85-01-8	TOTAL	D	8				8.20E-04	8.20E-04	1.5E-01	1.0E+00				
AOI-48 (NW)	Zone2	SVOC	Phenol	108-95-2	TOTAL	ID	8	1	1.80E-02	1.80E-02	2.60E-03	2.60E-03	1.3E+01	2.9E+04	1.5E+08	1.4E-03	6.2E-07	1.2E-10
AOI-48 (NW)	Zone2	SVOC	Pyrene	129-00-0	TOTAL	D	8				1.10E-03	1.10E-03	1.4E-01	1.4E-01				
AOI-48 (NW)	Zone2	SVOC	2,4,5-Trichlorophenol	95-95-4	TOTAL		8				1.20E-03	1.20E-03	2.1E+00	1.7E+02				

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-48 (NW)	Zone2	SVOC	2,4,6-Trichlorophenol	88-06-2	TOTAL	B2	8				1.70E-03	1.70E-03	4.7E-01	1.0E+01				
AOI-48 (NW)	Zone2	P/PCB	PCBs (total)	1336-36-3	TOTAL	B2	8	1	8.60E-05	8.60E-05	8.20E-05	8.20E-05	5.0E-04	3.3E-03	1.1E+03	1.7E-01	2.6E-02	7.6E-08
AOI-48 (NW)	Zone2	INORG	Aluminum	7429-90-5	TOTAL	D	8	7	1.40E-01	1.01E+01	5.70E-02	5.70E-02	4.1E+00	6.4E+04		2.5E+00	1.6E-04	
AOI-48 (NW)	Zone2	INORG	Antimony	7440-36-0	TOTAL		8				3.40E-03	3.40E-03	6.0E-03	6.8E+01				
AOI-48 (NW)	Zone2	INORG	Arsenic	7440-38-2	TOTAL	A	8	7	2.20E-03	1.30E-02	2.10E-03	2.10E-03	5.0E-02	4.3E+00		2.6E-01	3.0E-03	
AOI-48 (NW)	Zone2	INORG	Barium	7440-39-3	TOTAL	D	8	8	4.10E-02	2.70E-01			2.0E+00	1.4E+04		1.4E-01	1.9E-05	
AOI-48 (NW)	Zone2	INORG	Beryllium	7440-41-7	TOTAL	B1	8				6.00E-04	6.00E-04	4.0E-03	2.9E+02				
AOI-48 (NW)	Zone2	INORG	Cadmium	7440-43-9	TOTAL	B1	8	2	4.90E-04	2.30E-03	2.80E-04	2.80E-04	5.0E-03	1.9E+02		4.6E-01	1.2E-05	
AOI-48 (NW)	Zone2	INORG	Calcium	7440-70-2	TOTAL		8	8	8.17E+01	2.30E+02								
AOI-48 (NW)	Zone2	INORG	Chromium (total)	7440-47-3	TOTAL		8	7	1.60E-03	2.50E-02	1.50E-03	1.50E-03	1.0E-01	4.6E+02		2.5E-01	5.4E-05	
AOI-48 (NW)	Zone2	INORG	Cobalt	7440-48-4	TOTAL	B1	8	8	1.40E-03	1.00E-02			1.0E-01	2.4E+03		1.0E-01	4.2E-06	
AOI-48 (NW)	Zone2	INORG	Copper	7440-50-8	TOTAL	D	8	4	7.20E-03	1.50E-02	1.70E-03	1.70E-03	4.0E+00	7.4E+03		3.8E-03	2.0E-06	
AOI-48 (NW)	Zone2	INORG	Cyanide (total)	57-12-5	TOTAL	D	8				1.80E-03	1.80E-03	2.0E-01	5.7E+01				
AOI-48 (NW)	Zone2	INORG	Iron	7439-89-6	TOTAL	D	8	8	5.90E-02	1.41E+01			5.6E+00	5.8E+04		2.5E+00	2.4E-04	
AOI-48 (NW)	Zone2	INORG	Lead	7439-92-1	TOTAL	B2	8	4	4.40E-03	1.00E-02	1.60E-03	1.60E-03	4.0E-03			2.5E+00		
AOI-48 (NW)	Zone2	INORG	Magnesium	7439-95-4	TOTAL		8	8	3.23E+01	9.86E+01			1.1E+03	1.0E+06		9.0E-02	9.9E-05	
AOI-48 (NW)	Zone2	INORG	Manganese	7439-96-5	TOTAL	D	8	8	1.20E-01	2.00E+00			2.5E+00	9.1E+03		8.0E-01	2.2E-04	
AOI-48 (NW)	Zone2	INORG	Mercury	7439-97-6	TOTAL	D	8	1	1.20E-04	1.20E-04	8.70E-05	8.70E-05	2.0E-03	5.6E-02	4.6E+01	6.0E-02	2.1E-03	2.6E-06
AOI-48 (NW)	Zone2	INORG	Nickel	7440-02-0	TOTAL	A	8	8	3.40E-03	2.00E-02			1.0E-01	7.4E+04		2.0E-01	2.7E-07	
AOI-48 (NW)	Zone2	INORG	Potassium	7440-09-7	TOTAL		8	8	2.10E+00	1.97E+02								
AOI-48 (NW)	Zone2	INORG	Selenium	7782-49-2	TOTAL	D	8				4.70E-03	4.70E-03	5.0E-02	9.7E+02				
AOI-48 (NW)	Zone2	INORG	Silver	7440-22-4	TOTAL	D	8	1	1.50E-04	1.50E-04	1.30E-04	1.30E-04	9.8E-02	1.5E+03		1.5E-03	1.0E-07	
AOI-48 (NW)	Zone2	INORG	Sodium	7440-23-5	TOTAL		8	8	3.24E+01	5.93E+02			3.5E+02	1.0E+06		1.7E+00	5.9E-04	
AOI-48 (NW)	Zone2	INORG	Thallium	7440-28-0	TOTAL		8	6	3.50E-05	1.00E-04	3.30E-05	3.30E-05	2.0E-03	1.3E+01		5.0E-02	7.7E-06	
AOI-48 (NW)	Zone2	INORG	Vanadium	7440-62-2	TOTAL		8	7	2.70E-03	1.70E-02	3.40E-04	3.40E-04	6.2E-02	9.7E+02		2.7E-01	1.8E-05	
AOI-48 (NW)	Zone2	INORG	Zinc	7440-66-6	TOTAL	D	8	3	1.40E-01	5.20E-01	1.40E-02	1.40E-02	5.0E+00	1.1E+05		1.0E-01	4.7E-06	
AOI-48 (SE)	Zone2	VOC	Acetone	67-64-1	TOTAL	ID	1				1.10E-03	1.10E-03	2.1E+00	3.1E+04	1.6E+08			
AOI-48 (SE)	Zone2	VOC	Benzene	71-43-2	TOTAL	A	1				3.70E-04	3.70E-04	5.0E-03	1.1E+01	4.3E+03			
AOI-48 (SE)	Zone2	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	1				3.20E-04	3.20E-04	1.0E-01	1.4E+01				
AOI-48 (SE)	Zone2	VOC	Bromoform	75-25-2	TOTAL	B2	1				3.70E-04	3.70E-04	1.0E-01	1.4E+02	5.2E+04			
AOI-48 (SE)	Zone2	VOC	Bromomethane	74-83-9	TOTAL	D	1				3.00E-04	3.00E-04	2.9E-02	7.0E+01	4.7E+03			
AOI-48 (SE)	Zone2	VOC	2-Butanone	78-93-3	TOTAL	ID	1				5.90E-04	5.90E-04	3.8E+01	2.4E+05	3.7E+07			
AOI-48 (SE)	Zone2	VOC	Carbon Disulfide	75-15-0	TOTAL		1				2.40E-04	2.40E-04	2.3E+00	1.2E+03	6.8E+03			
AOI-48 (SE)	Zone2	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	1				3.70E-04	3.70E-04	5.0E-03	4.6E+00	8.2E+03			
AOI-48 (SE)	Zone2	VOC	Chlorobenzene	108-90-7	TOTAL	D	1				3.80E-04	3.80E-04	1.0E-01	8.6E+01	6.6E+05			
AOI-48 (SE)	Zone2	VOC	Chloroethane	75-00-3	TOTAL		1				2.90E-04	2.90E-04	1.7E+00	4.4E+02	7.6E+06			
AOI-48 (SE)	Zone2	VOC	Chloroform	67-66-3	TOTAL	B2	1				3.50E-04	3.50E-04	1.0E-01	1.5E+02	1.7E+04			
AOI-48 (SE)	Zone2	VOC	Chloromethane	74-87-3	TOTAL	D	1				4.90E-04	4.90E-04	1.1E+00	4.9E+02	8.7E+04			
AOI-48 (SE)	Zone2	VOC	Cumene	98-82-8	TOTAL	D	1				3.90E-04	3.90E-04	2.3E+00	5.6E+01	6.9E+04			
AOI-48 (SE)	Zone2	VOC	Cyclohexane	110-82-7	TOTAL	ID	1				3.30E-04	3.30E-04			3.5E+05			
AOI-48 (SE)	Zone2	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	1				8.20E-04	8.20E-04	2.0E-04	3.9E-01				
AOI-48 (SE)	Zone2	VOC	Dibromochloromethane	124-48-1	TOTAL	C	1				3.70E-04	3.70E-04	1.0E-01	1.8E+01				
AOI-48 (SE)	Zone2	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	1				3.40E-04	3.40E-04	1.0E-03	2.5E-02				
AOI-48 (SE)	Zone2	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	1				3.80E-04	3.80E-04	6.0E-01	1.6E+02	4.7E+05			
AOI-48 (SE)	Zone2	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	1				3.80E-04	3.80E-04	1.9E-02	2.0E+00				
AOI-48 (SE)	Zone2	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	1				3.80E-04	3.80E-04	7.5E-02	6.4E+00	1.2E+06			
AOI-48 (SE)	Zone2	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		1				4.90E-04	4.90E-04	4.8E+00	3.0E+02	1.6E+06			
AOI-48 (SE)	Zone2	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	1				3.00E-04	3.00E-04	2.5E+00	2.4E+03	5.4E+05			
AOI-48 (SE)	Zone2	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	1				2.80E-04	2.80E-04	5.0E-03	1.9E+01	1.8E+04			
AOI-48 (SE)	Zone2	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	1				3.10E-04	3.10E-04	7.0E-03	1.1E+01	1.2E+04			
AOI-48 (SE)	Zone2	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	1				3.50E-04	3.50E-04	7.0E-02	2.0E+02	1.3E+06			
AOI-48 (SE)	Zone2	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		1				3.30E-04	3.30E-04	1.0E-01	2.2E+02	7.7E+05			

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-48 (SE)	Zone2	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	1				4.10E-04	4.10E-04	5.0E-03	1.6E+01	7.8E+05			
AOI-48 (SE)	Zone2	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	1				3.50E-04	3.50E-04	3.5E-02	5.5E+00	4.0E+03			
AOI-48 (SE)	Zone2	VOC	Ethyl Benzene	100-41-4	TOTAL	D	1				4.10E-04	4.10E-04	7.0E-01	1.7E+02	5.6E+05			
AOI-48 (SE)	Zone2	VOC	2-Hexanone	591-78-6	TOTAL		1				5.80E-04	5.80E-04	2.9E+00	5.2E+03				
AOI-48 (SE)	Zone2	VOC	Methyl Acetate	79-20-9	TOTAL		1				5.40E-04	5.40E-04			2.5E+07			
AOI-48 (SE)	Zone2	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		1				2.70E-04	2.70E-04	6.9E-01	6.1E+02	6.3E+05			
AOI-48 (SE)	Zone2	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	1				2.60E-04	2.60E-04	5.2E+00	1.3E+04	1.1E+07			
AOI-48 (SE)	Zone2	VOC	Methylcyclohexane	108-87-2	TOTAL		1				4.20E-04	4.20E-04			1.5E+06			
AOI-48 (SE)	Zone2	VOC	Methylene Chloride	75-09-2	TOTAL	B2	1				2.90E-04	2.90E-04	5.0E-03	2.2E+02	2.1E+05			
AOI-48 (SE)	Zone2	VOC	Styrene	100-42-5	TOTAL		1				3.50E-04	3.50E-04	1.0E-01	9.7E+00	5.1E+05			
AOI-48 (SE)	Zone2	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	1				3.60E-04	3.60E-04	3.5E-02	4.7E+00	8.5E+04			
AOI-48 (SE)	Zone2	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	1				4.20E-04	4.20E-04	5.0E-03	1.2E+01	1.4E+05			
AOI-48 (SE)	Zone2	VOC	Toluene	108-88-3	TOTAL	D	1				3.90E-04	3.90E-04	1.0E+00	5.3E+02	4.9E+05			
AOI-48 (SE)	Zone2	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	1				4.00E-04	4.00E-04	7.0E-02	1.9E+01				
AOI-48 (SE)	Zone2	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	1				3.90E-04	3.90E-04	2.0E-01	1.3E+03	1.6E+06			
AOI-48 (SE)	Zone2	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	1				3.60E-04	3.60E-04	5.0E-03	2.1E+01	2.3E+05			
AOI-48 (SE)	Zone2	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	1				4.20E-04	4.20E-04	5.0E-03	2.2E+01	2.8E+05			
AOI-48 (SE)	Zone2	VOC	Trichlorofluoromethane	75-69-4	TOTAL		1				5.40E-04	5.40E-04	7.3E+00	1.1E+03	2.3E+06			
AOI-48 (SE)	Zone2	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	TOTAL		1				3.20E-04	3.20E-04	1.7E+02	1.7E+02	2.4E+06			
AOI-48 (SE)	Zone2	VOC	Vinyl Chloride	75-01-4	TOTAL	A	1				3.60E-04	3.60E-04	2.0E-03	1.0E+00	1.3E+03			
AOI-48 (SE)	Zone2	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	1				4.40E-04	4.40E-04	1.0E+01	1.9E+02	5.7E+05			
AOI-48(SE)/Blg 4111	Zone1	VOC	Acetone	67-64-1	TOTAL	ID	3	1	1.10E+00	1.10E+00	7.90E-01	1.10E+00	2.1E+00	3.1E+04	1.6E+08	5.2E-01	3.5E-05	7.0E-09
AOI-48(SE)/Blg 4111	Zone1	VOC	Benzene	71-43-2	TOTAL	A	3				2.60E-01	3.70E-01	5.0E-03	1.1E+01	4.3E+03			
AOI-48(SE)/Blg 4111	Zone1	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	3				2.30E-01	3.20E-01	1.0E-01	1.4E+01				
AOI-48(SE)/Blg 4111	Zone1	VOC	Bromoform	75-25-2	TOTAL	B2	3				2.60E-01	3.70E-01	1.0E-01	1.4E+02	5.2E+04			
AOI-48(SE)/Blg 4111	Zone1	VOC	Bromomethane	74-83-9	TOTAL	D	3				2.10E-01	3.00E-01	2.9E-02	7.0E+01	4.7E+03			
AOI-48(SE)/Blg 4111	Zone1	VOC	2-Butanone	78-93-3	TOTAL	ID	3				4.20E-01	5.90E-01	3.8E+01	2.4E+05	3.7E+07			
AOI-48(SE)/Blg 4111	Zone1	VOC	Carbon Disulfide	75-15-0	TOTAL		3				1.70E-01	2.40E-01	2.3E+00	1.2E+03	6.8E+03			
AOI-48(SE)/Blg 4111	Zone1	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	3	3	6.10E+00	2.80E+01			5.0E-03	4.6E+00	8.2E+03	5.6E+03	6.1E+00	3.4E-03
AOI-48(SE)/Blg 4111	Zone1	VOC	Chlorobenzene	108-90-7	TOTAL	D	3				2.70E-01	3.80E-01	1.0E-01	8.6E+01	6.6E+05			
AOI-48(SE)/Blg 4111	Zone1	VOC	Chloroethane	75-00-3	TOTAL		3				2.10E-01	2.90E-01	1.7E+00	4.4E+02	7.6E+06			
AOI-48(SE)/Blg 4111	Zone1	VOC	Chloroform	67-66-3	TOTAL	B2	3	3	4.70E-01	8.60E-01			1.0E-01	1.5E+02	1.7E+04	8.6E+00	5.7E-03	5.1E-05
AOI-48(SE)/Blg 4111	Zone1	VOC	Chloromethane	74-87-3	TOTAL	D	3				3.50E-01	4.90E-01	1.1E+00	4.9E+02	8.7E+04			
AOI-48(SE)/Blg 4111	Zone1	VOC	Cumene	98-82-8	TOTAL	D	3				2.80E-01	3.90E-01	2.3E+00	5.6E+01	6.9E+04			
AOI-48(SE)/Blg 4111	Zone1	VOC	Cyclohexane	110-82-7	TOTAL	ID	3				2.40E-01	3.30E-01			3.5E+05			
AOI-48(SE)/Blg 4111	Zone1	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	3				5.90E-01	8.20E-01	2.0E-04	3.9E-01				
AOI-48(SE)/Blg 4111	Zone1	VOC	Dibromochloromethane	124-48-1	TOTAL	C	3				2.60E-01	3.70E-01	1.0E-01	1.8E+01				
AOI-48(SE)/Blg 4111	Zone1	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	3				2.40E-01	3.40E-01	1.0E-03	2.5E-02				
AOI-48(SE)/Blg 4111	Zone1	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	3				2.70E-01	3.80E-01	6.0E-01	1.6E+02	4.7E+05			
AOI-48(SE)/Blg 4111	Zone1	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	3				2.70E-01	3.80E-01	1.9E-02	2.0E+00				
AOI-48(SE)/Blg 4111	Zone1	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	3				2.70E-01	3.80E-01	7.5E-02	6.4E+00	1.2E+06			
AOI-48(SE)/Blg 4111	Zone1	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		3				3.50E-01	4.90E-01	4.8E+00	3.0E+02	1.6E+06			
AOI-48(SE)/Blg 4111	Zone1	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	3				2.10E-01	3.00E-01	2.5E+00	2.4E+03	5.4E+05			
AOI-48(SE)/Blg 4111	Zone1	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	3				2.00E-01	2.80E-01	5.0E-03	1.9E+01	1.8E+04			
AOI-48(SE)/Blg 4111	Zone1	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	3				2.20E-01	3.10E-01	7.0E-03	1.1E+01	1.2E+04			
AOI-48(SE)/Blg 4111	Zone1	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	3	1	4.30E+00	4.30E+00	3.50E-01	3.50E-01	7.0E-02	2.0E+02	1.3E+06	6.1E+01	2.2E-02	3.4E-06
AOI-48(SE)/Blg 4111	Zone1	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		3	1	2.40E-01	2.40E-01	3.30E-01	3.30E-01	1.0E-01	2.2E+02	7.7E+05	2.4E+00	1.1E-03	3.1E-07
AOI-48(SE)/Blg 4111	Zone1	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	3				2.90E-01	4.10E-01	5.0E-03	1.6E+01	7.8E+05			
AOI-48(SE)/Blg 4111	Zone1	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	3				2.50E-01	3.50E-01	3.5E-02	5.5E+00	4.0E+03			
AOI-48(SE)/Blg 4111	Zone1	VOC	Ethyl Benzene	100-41-4	TOTAL	D	3				2.90E-01	4.10E-01	7.0E-01	1.7E+02	5.6E+05			
AOI-48(SE)/Blg 4111	Zone1	VOC	2-Hexanone	591-78-6	TOTAL		3				4.10E-01	5.80E-01	2.9E+00	5.2E+03				
AOI-48(SE)/Blg 4111	Zone1	VOC	Methyl Acetate	79-20-9	TOTAL		3				3.90E-01	5.40E-01			2.5E+07			

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-48(SE)/Blg 4111	Zone1	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		3				1.90E-01	2.70E-01	6.9E-01	6.1E+02	6.3E+05			
AOI-48(SE)/Blg 4111	Zone1	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	3				1.90E-01	2.60E-01	5.2E+00	1.3E+04	1.1E+07			
AOI-48(SE)/Blg 4111	Zone1	VOC	Methylcyclohexane	108-87-2	TOTAL		3				3.00E-01	4.20E-01			1.5E+06			
AOI-48(SE)/Blg 4111	Zone1	VOC	Methylene Chloride	75-09-2	TOTAL	B2	3				2.10E-01	2.90E-01	5.0E-03	2.2E+02	2.1E+05			
AOI-48(SE)/Blg 4111	Zone1	VOC	Styrene	100-42-5	TOTAL		3				2.50E-01	3.50E-01	1.0E-01	9.7E+00	5.1E+05			
AOI-48(SE)/Blg 4111	Zone1	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	3				2.60E-01	3.60E-01	3.5E-02	4.7E+00	8.5E+04			
AOI-48(SE)/Blg 4111	Zone1	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	3				3.00E-01	4.20E-01	5.0E-03	1.2E+01	1.4E+05			
AOI-48(SE)/Blg 4111	Zone1	VOC	Toluene	108-88-3	TOTAL	D	3				2.80E-01	3.90E-01	1.0E+00	5.3E+02	4.9E+05			
AOI-48(SE)/Blg 4111	Zone1	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	3				2.90E-01	4.00E-01	7.0E-02	1.9E+01				
AOI-48(SE)/Blg 4111	Zone1	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	3				2.80E-01	3.90E-01	2.0E-01	1.3E+03	1.6E+06			
AOI-48(SE)/Blg 4111	Zone1	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	3				2.60E-01	3.60E-01	5.0E-03	2.1E+01	2.3E+05			
AOI-48(SE)/Blg 4111	Zone1	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	3	3	1.90E+01	2.20E+01			5.0E-03	2.2E+01	2.8E+05	4.4E+03	1.0E+00	8.0E-05
AOI-48(SE)/Blg 4111	Zone1	VOC	Trichlorofluoromethane	75-69-4	TOTAL		3				3.90E-01	5.40E-01	7.3E+00	1.1E+03	2.3E+06			
AOI-48(SE)/Blg 4111	Zone1	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	TOTAL		3				2.30E-01	3.20E-01	1.7E+02	1.7E+02	2.4E+06			
AOI-48(SE)/Blg 4111	Zone1	VOC	Vinyl Chloride	75-01-4	TOTAL	A	3				2.60E-01	3.60E-01	2.0E-03	1.0E+00	1.3E+03			
AOI-48(SE)/Blg 4111	Zone1	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	3				3.10E-01	4.40E-01	1.0E+01	1.9E+02	5.7E+05			
AOI-49	Zone1	VOC	Acetone	67-64-1	TOTAL	ID	6				1.10E-03	8.50E-02	2.1E+00	3.1E+04	1.6E+08			
AOI-49	Zone1	VOC	Benzene	71-43-2	TOTAL	A	6	1	1.80E-02	1.80E-02	3.70E-04	2.80E-02	5.0E-03	1.1E+01	4.3E+03	3.6E+00	1.6E-03	4.1E-06
AOI-49	Zone1	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	6				3.20E-04	2.50E-02	1.0E-01	1.4E+01				
AOI-49	Zone1	VOC	Bromoform	75-25-2	TOTAL	B2	6				3.70E-04	2.80E-02	1.0E-01	1.4E+02	5.2E+04			
AOI-49	Zone1	VOC	Bromomethane	74-83-9	TOTAL	D	6				3.00E-04	2.30E-02	2.9E-02	7.0E+01	4.7E+03			
AOI-49	Zone1	VOC	2-Butanone	78-93-3	TOTAL	ID	6				5.90E-04	4.50E-02	3.8E+01	2.4E+05	3.7E+07			
AOI-49	Zone1	VOC	Carbon Disulfide	75-15-0	TOTAL		6				2.40E-04	2.00E-02	2.3E+00	1.2E+03	6.8E+03			
AOI-49	Zone1	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	6				3.70E-04	2.80E-02	5.0E-03	4.6E+00	8.2E+03			
AOI-49	Zone1	VOC	Chlorobenzene	108-90-7	TOTAL	D	6				3.80E-04	2.90E-02	1.0E-01	8.6E+01	6.6E+05			
AOI-49	Zone1	VOC	Chloroethane	75-00-3	TOTAL		6	1	2.40E-03	2.40E-03	2.90E-04	2.60E-02	1.7E+00	4.4E+02	7.6E+06	1.4E-03	5.5E-06	3.2E-10
AOI-49	Zone1	VOC	Chloroform	67-66-3	TOTAL	B2	6				3.50E-04	2.70E-02	1.0E-01	1.5E+02	1.7E+04			
AOI-49	Zone1	VOC	Chloromethane	74-87-3	TOTAL	D	6				4.90E-04	3.80E-02	1.1E+00	4.9E+02	8.7E+04			
AOI-49	Zone1	VOC	Cumene	98-82-8	TOTAL	D	6				3.90E-04	3.00E-02	2.3E+00	5.6E+01	6.9E+04			
AOI-49	Zone1	VOC	Cyclohexane	110-82-7	TOTAL	ID	6	1	3.30E-02	3.30E-02	3.30E-04	2.50E-02			3.5E+05			9.3E-08
AOI-49	Zone1	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	6				8.20E-04	6.30E-02	2.0E-04	3.9E-01				
AOI-49	Zone1	VOC	Dibromochloromethane	124-48-1	TOTAL	C	6				3.70E-04	2.80E-02	1.0E-01	1.8E+01				
AOI-49	Zone1	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	6				3.40E-04	2.60E-02	1.0E-03	2.5E-02				
AOI-49	Zone1	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	6				3.80E-04	2.90E-02	6.0E-01	1.6E+02	4.7E+05			
AOI-49	Zone1	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	6				3.80E-04	2.90E-02	1.9E-02	2.0E+00				
AOI-49	Zone1	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	6				3.80E-04	2.90E-02	7.5E-02	6.4E+00	1.2E+06			
AOI-49	Zone1	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		6				4.90E-04	3.80E-02	4.8E+00	3.0E+02	1.6E+06			
AOI-49	Zone1	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	6	5	5.40E-02	3.40E+00	3.00E-04	3.00E-04	2.5E+00	2.4E+03	5.4E+05	1.4E+00	1.4E-03	6.3E-06
AOI-49	Zone1	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	6	2	3.10E-02	3.30E-02	2.80E-04	2.20E-02	5.0E-03	1.9E+01	1.8E+04	6.6E+00	1.7E-03	1.8E-06
AOI-49	Zone1	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	6	5	1.20E-02	2.20E-01	3.10E-04	3.10E-04	7.0E-03	1.1E+01	1.2E+04	3.1E+01	2.0E-02	1.8E-05
AOI-49	Zone1	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	6	5	9.10E-02	1.90E-01	3.50E-04	3.50E-04	7.0E-02	2.0E+02	1.3E+06	2.7E+00	9.5E-04	1.5E-07
AOI-49	Zone1	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		6	2	4.80E-03	5.20E-03	3.30E-04	2.50E-02	1.0E-01	2.2E+02	7.7E+05	5.2E-02	2.4E-05	6.8E-09
AOI-49	Zone1	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	6				4.10E-04	3.20E-02	5.0E-03	1.6E+01	7.8E+05			
AOI-49	Zone1	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	6				3.50E-04	2.70E-02	3.5E-02	5.5E+00	4.0E+03			
AOI-49	Zone1	VOC	Ethyl Benzene	100-41-4	TOTAL	D	6	1	8.60E-02	8.60E-02	4.10E-04	3.20E-02	7.0E-01	1.7E+02	5.6E+05	1.2E-01	5.1E-04	1.5E-07
AOI-49	Zone1	VOC	2-Hexanone	591-78-6	TOTAL		6				5.80E-04	4.60E-02	2.9E+00	5.2E+03				
AOI-49	Zone1	VOC	Methyl Acetate	79-20-9	TOTAL		6				5.40E-04	4.20E-02			2.5E+07			
AOI-49	Zone1	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		6				2.70E-04	2.10E-02	6.9E-01	6.1E+02	6.3E+05			
AOI-49	Zone1	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	6				2.60E-04	2.30E-02	5.2E+00	1.3E+04	1.1E+07			
AOI-49	Zone1	VOC	Methylcyclohexane	108-87-2	TOTAL		6	1	3.10E-02	3.10E-02	4.20E-04	3.20E-02			1.5E+06			2.1E-08
AOI-49	Zone1	VOC	Methylene Chloride	75-09-2	TOTAL	B2	6	1	4.40E-02	4.40E-02	2.90E-04	2.80E-02	5.0E-03	2.2E+02	2.1E+05	8.8E+00	2.0E-04	2.1E-07
AOI-49	Zone1	VOC	Styrene	100-42-5	TOTAL		6				3.50E-04	2.70E-02	1.0E-01	9.7E+00	5.1E+05			

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-49	Zone1	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	6				3.60E-04	2.80E-02	3.5E-02	4.7E+00	8.5E+04			
AOI-49	Zone1	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	6				4.20E-04	3.20E-02	5.0E-03	1.2E+01	1.4E+05			
AOI-49	Zone1	VOC	Toluene	108-88-3	TOTAL	D	6				3.90E-04	3.00E-02	1.0E+00	5.3E+02	4.9E+05			
AOI-49	Zone1	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	6				4.00E-04	3.10E-02	7.0E-02	1.9E+01				
AOI-49	Zone1	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	6	4	1.80E-02	1.90E+00	3.90E-04	2.60E-03	2.0E-01	1.3E+03	1.6E+06	9.5E+00	1.5E-03	1.2E-06
AOI-49	Zone1	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	6				3.60E-04	3.00E-02	5.0E-03	2.1E+01	2.3E+05			
AOI-49	Zone1	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	6	2	3.40E-02	6.90E-02	4.20E-04	3.20E-02	5.0E-03	2.2E+01	2.8E+05	1.4E+01	3.1E-03	2.5E-07
AOI-49	Zone1	VOC	Trichlorofluoromethane	75-69-4	TOTAL		6				5.40E-04	4.20E-02	7.3E+00	1.1E+03	2.3E+06			
AOI-49	Zone1	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	TOTAL		6				3.20E-04	3.20E-02	1.7E+02	1.7E+02	2.4E+06			
AOI-49	Zone1	VOC	Vinyl Chloride	75-01-4	TOTAL	A	6	1	8.90E-02	8.90E-02	3.60E-04	2.80E-02	2.0E-03	1.0E+00	1.3E+03	4.5E+01	8.9E-02	6.8E-05
AOI-49	Zone1	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	6	1	2.40E-02	2.40E-02	4.40E-04	3.40E-02	1.0E+01	1.9E+02	5.7E+05	2.4E-03	1.3E-04	4.2E-08
AOI-49	Zone1	SVOC	Acenaphthene	83-32-9	TOTAL		2				8.00E-04	8.00E-04	3.8E+00	4.2E+00				
AOI-49	Zone1	SVOC	Acenaphthylene	208-96-8	TOTAL	D	2				7.10E-04	7.10E-04	1.5E-01	3.9E+00				
AOI-49	Zone1	SVOC	Acetophenone	98-86-2	TOTAL	D	2				2.60E-03	2.60E-03	4.4E+00	6.1E+03	1.5E+07			
AOI-49	Zone1	SVOC	Anthracene	120-12-7	TOTAL	D	2				6.80E-04	6.80E-04	4.3E-02	4.3E-02				
AOI-49	Zone1	SVOC	Atrazine	1912-24-9	TOTAL	C	2				2.50E-03	2.50E-03	3.0E-03	5.4E+00	1.7E+09			
AOI-49	Zone1	SVOC	Benzaldehyde	100-52-7	TOTAL		2				2.80E-03	2.80E-03						
AOI-49	Zone1	SVOC	Benzo(a)anthracene	56-55-3	TOTAL	B2	2				7.00E-04	7.00E-04	8.5E-03	9.4E-03				
AOI-49	Zone1	SVOC	Benzo(a)pyrene	50-32-8	TOTAL	B2	2				4.90E-05	4.90E-05	5.0E-03	2.0E-03				
AOI-49	Zone1	SVOC	Benzo(b)fluoranthene	205-99-2	TOTAL	B2	2				9.40E-04	9.40E-04	2.0E-03	2.0E-03				
AOI-49	Zone1	SVOC	Benzo(g,h,i)perylene	191-24-2	TOTAL	D	2				1.40E-05	1.40E-05	5.0E-03	5.0E-03				
AOI-49	Zone1	SVOC	Benzo(k)fluoranthene	207-08-9	TOTAL	B2	2				4.30E-05	4.30E-05	5.0E-03	5.0E-03				
AOI-49	Zone1	SVOC	Biphenyl	92-52-4	TOTAL	D	2				2.60E-03	2.60E-03						
AOI-49	Zone1	SVOC	bis(2-Chloroethoxy)methane	111-91-1	TOTAL	D	2				8.70E-04	8.70E-04						
AOI-49	Zone1	SVOC	bis(2-Chloroethyl) ether	111-44-4	TOTAL	B2	2				2.80E-05	2.80E-05	8.3E-03	5.7E+00	5.6E+06			
AOI-49	Zone1	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	TOTAL	B2	2	1	2.80E-03	2.80E-03	2.70E-03	2.70E-03	6.0E-03	3.2E-01	1.6E+08	4.7E-01	8.8E-03	1.8E-11
AOI-49	Zone1	SVOC	4-Bromophenyl-phenyl ether	101-55-3	TOTAL	D	2				8.80E-04	8.80E-04						
AOI-49	Zone1	SVOC	Butylbenzylphthalate	85-68-7	TOTAL	C	2				8.80E-04	8.80E-04	2.7E+00	2.7E+00				
AOI-49	Zone1	SVOC	Caprolactam	105-60-2	TOTAL		2				2.50E-03	2.50E-03	1.7E+01	3.9E+05				
AOI-49	Zone1	SVOC	Carbazole	86-74-8	TOTAL	B2	2				8.20E-04	8.20E-04	3.5E-01	7.4E+00				
AOI-49	Zone1	SVOC	4-Chloro-3-methylphenol	59-50-7	TOTAL		2				9.90E-04	9.90E-04	4.2E-01	7.9E+01				
AOI-49	Zone1	SVOC	4-Chloroaniline	106-47-8	TOTAL		2				6.10E-04	6.10E-04						
AOI-49	Zone1	SVOC	2-Chloronaphthalene	91-58-7	TOTAL		2				8.50E-04	8.50E-04	5.2E+00	6.7E+00				
AOI-49	Zone1	SVOC	2-Chlorophenol	95-57-8	TOTAL		2				1.00E-03	1.00E-03	1.3E-01	9.4E+01				
AOI-49	Zone1	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3	TOTAL		2				7.90E-04	7.90E-04						
AOI-49	Zone1	SVOC	Chrysene	218-01-9	TOTAL	B2	2				4.20E-05	4.20E-05	5.0E-03	5.0E-03				
AOI-49	Zone1	SVOC	Dibenz(a,h)anthracene	53-70-3	TOTAL	B2	2				7.90E-04	7.90E-04	2.0E-03	2.0E-03				
AOI-49	Zone1	SVOC	Dibenzofuran	132-64-9	TOTAL	D	2				1.10E-03	1.10E-03						
AOI-49	Zone1	SVOC	3,3'-Dichlorobenzidine	91-94-1	TOTAL	B2	2				2.40E-05	2.40E-05	4.3E-03	1.8E-01				
AOI-49	Zone1	SVOC	2,4-Dichlorophenol	120-83-2	TOTAL		2				8.50E-04	8.50E-04	2.1E-01	4.8E+01				
AOI-49	Zone1	SVOC	Diethylphthalate	84-66-2	TOTAL	D	2				6.50E-04	6.50E-04	1.6E+01	1.1E+03	3.6E+07			
AOI-49	Zone1	SVOC	2,4-Dimethylphenol	105-67-9	TOTAL		2				8.50E-04	8.50E-04	1.0E+00	5.2E+02				
AOI-49	Zone1	SVOC	Dimethylphthalate	131-11-3	TOTAL	D	2				7.60E-04	7.60E-04	2.1E+02	4.2E+03	1.5E+08			
AOI-49	Zone1	SVOC	Di-n-butylphthalate	84-74-2	TOTAL	D	2				6.70E-04	6.70E-04	2.5E+00	1.1E+01	1.4E+09			
AOI-49	Zone1	SVOC	4,6-Dinitro-2-methylphenol	534-52-1	TOTAL		2				1.30E-03	1.30E-03	2.0E-02	9.5E+00				
AOI-49	Zone1	SVOC	2,4-Dinitrophenol	51-28-5	TOTAL		2				3.00E-03	3.00E-03						
AOI-49	Zone1	SVOC	2,4-Dinitrotoluene	121-14-2	TOTAL	B2	2				7.90E-04	7.90E-04	3.2E-02	8.6E+00				
AOI-49	Zone1	SVOC	2,6-Dinitrotoluene	606-20-2	TOTAL	B2	2				5.70E-04	5.70E-04						
AOI-49	Zone1	SVOC	Di-n-octylphthalate	117-84-0	TOTAL		2				1.10E-03	1.10E-03	3.8E-01	4.0E-01				
AOI-49	Zone1	SVOC	Fluoranthene	206-44-0	TOTAL	D	2				4.60E-05	4.60E-05	2.1E-01	2.1E-01				
AOI-49	Zone1	SVOC	Fluorene	86-73-7	TOTAL	D	2				1.00E-03	1.00E-03	2.0E+00	2.0E+00				
AOI-49	Zone1	SVOC	Hexachlorobenzene	118-74-1	TOTAL	B2	2				7.40E-04	7.40E-04	1.0E-03	4.6E-03	9.1E+00			

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-49	Zone1	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	2				7.30E-04	7.30E-04	4.2E-02	4.0E-01	3.0E+01			
AOI-49	Zone1	SVOC	Hexachlorocyclopentadiene	77-47-4	TOTAL	E	2				1.10E-03	1.10E-03	5.0E-02	1.6E+00	1.1E+02			
AOI-49	Zone1	SVOC	Hexachloroethane	67-72-1	TOTAL	C	2				7.40E-04	7.40E-04	2.1E-02	1.9E+00	5.8E+04			
AOI-49	Zone1	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	TOTAL	B2	2				4.00E-05	4.00E-05	2.0E-03	2.0E-03				
AOI-49	Zone1	SVOC	Isophorone	78-59-1	TOTAL	C	2				6.30E-04	6.30E-04	3.1E+00	9.9E+02	1.2E+07			
AOI-49	Zone1	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	2				6.40E-04	6.40E-04	7.5E-01	2.5E+01				
AOI-49	Zone1	SVOC	Methylphenol (total)	1319-77-3	TOTAL		2				1.30E-03	1.30E-03	1.0E+00	8.1E+02	8.2E+07			
AOI-49	Zone1	SVOC	Naphthalene	91-20-3	TOTAL	C	2				7.50E-04	7.50E-04	1.5E+00	3.1E+01	4.7E+05			
AOI-49	Zone1	SVOC	2-Nitroaniline	88-74-4	TOTAL		2				7.00E-04	7.00E-04						
AOI-49	Zone1	SVOC	3-Nitroaniline	99-09-2	TOTAL	C	2				7.10E-04	7.10E-04						
AOI-49	Zone1	SVOC	4-Nitroaniline	100-01-6	TOTAL	C	2				1.30E-03	1.30E-03			6.7E+08			
AOI-49	Zone1	SVOC	Nitrobenzene	98-95-3	TOTAL	D	2				4.00E-05	4.00E-05	9.6E-03	1.1E+01	7.2E+05			
AOI-49	Zone1	SVOC	2-Nitrophenol	88-75-5	TOTAL		2				2.10E-03	2.10E-03	5.8E-02	7.9E+01				
AOI-49	Zone1	SVOC	4-Nitrophenol	100-02-7	TOTAL		2				1.90E-03	1.90E-03						
AOI-49	Zone1	SVOC	N-Nitrosodiphenylamine	86-30-6	TOTAL	B2	2				1.40E-03	1.40E-03	1.1E+00	3.5E+01				
AOI-49	Zone1	SVOC	N-Nitroso-di-n-propylamine	621-64-7	TOTAL	B2	2				6.70E-04	6.70E-04	5.0E-03	3.6E-01				
AOI-49	Zone1	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	TOTAL	C	2				7.80E-04	7.80E-04						
AOI-49	Zone1	SVOC	Pentachlorophenol	87-86-5	TOTAL	B2	2				1.30E-04	1.30E-04	1.0E-03	2.0E-01	6.1E+07			
AOI-49	Zone1	SVOC	Phenanthrene	85-01-8	TOTAL	D	2				8.20E-04	8.20E-04	1.5E-01	1.0E+00				
AOI-49	Zone1	SVOC	Phenol	108-95-2	TOTAL	ID	2				2.60E-03	2.60E-03	1.3E+01	2.9E+04	1.5E+08			
AOI-49	Zone1	SVOC	Pyrene	129-00-0	TOTAL	D	2				1.10E-03	1.10E-03	1.4E-01	1.4E-01				
AOI-49	Zone1	SVOC	2,4,5-Trichlorophenol	95-95-4	TOTAL		2				1.20E-03	1.20E-03	2.1E+00	1.7E+02				
AOI-49	Zone1	SVOC	2,4,6-Trichlorophenol	88-06-2	TOTAL	B2	2				1.70E-03	1.70E-03	4.7E-01	1.0E+01				
AOI-49	Zone1	P/PCB	PCBs (total)	1336-36-3	TOTAL	B2	2				8.20E-05	8.20E-05	5.0E-04	3.3E-03	1.1E+03			
AOI-49	Zone1	INORG	Aluminum	7429-90-5	TOTAL	D	2	2	1.90E+00	2.70E+00			4.1E+00	6.4E+04		6.6E-01	4.2E-05	
AOI-49	Zone1	INORG	Antimony	7440-36-0	TOTAL		2				3.40E-03	3.40E-03	6.0E-03	6.8E+01				
AOI-49	Zone1	INORG	Arsenic	7440-38-2	TOTAL	A	2	2	1.20E-02	1.40E-02			5.0E-02	4.3E+00		2.8E-01	3.3E-03	
AOI-49	Zone1	INORG	Barium	7440-39-3	TOTAL	D	2	2	2.00E-01	2.20E-01			2.0E+00	1.4E+04		1.1E-01	1.6E-05	
AOI-49	Zone1	INORG	Beryllium	7440-41-7	TOTAL	B1	2				6.00E-04	6.00E-04	4.0E-03	2.9E+02				
AOI-49	Zone1	INORG	Cadmium	7440-43-9	TOTAL	B1	2	2	3.90E-04	5.20E-04			5.0E-03	1.9E+02		1.0E-01	2.7E-06	
AOI-49	Zone1	INORG	Calcium	7440-70-2	TOTAL		2	2	1.05E+02	1.15E+02								
AOI-49	Zone1	INORG	Chromium III	16065-83-1	TOTAL	D	2	2	1.90E-03	2.90E-03			1.1E+02	2.9E+05		2.6E-05	1.0E-08	
AOI-49	Zone1	INORG	Chromium VI	18540-29-9	TOTAL	A	2				5.00E-03	5.00E-03	1.0E-01	4.6E+02				
AOI-49	Zone1	INORG	Cobalt	7440-48-4	TOTAL	B1	2	2	1.60E-02	1.80E-02			1.0E-01	2.4E+03		1.8E-01	7.5E-06	
AOI-49	Zone1	INORG	Copper	7440-50-8	TOTAL	D	2	2	4.20E-03	5.80E-03			4.0E+00	7.4E+03		1.5E-03	7.8E-07	
AOI-49	Zone1	INORG	Cyanide (total)	57-12-5	TOTAL	D	2				1.80E-03	1.80E-03	2.0E-01	5.7E+01				
AOI-49	Zone1	INORG	Iron	7439-89-6	TOTAL	D	2	2	3.00E+00	4.20E+00			5.6E+00	5.8E+04		7.5E-01	7.2E-05	
AOI-49	Zone1	INORG	Lead	7439-92-1	TOTAL	B2	2	1	2.20E-03	2.20E-03	1.60E-03	1.60E-03	4.0E-03			5.5E-01		
AOI-49	Zone1	INORG	Magnesium	7439-95-4	TOTAL		2	2	8.60E+01	9.17E+01			1.1E+03	1.0E+06		8.3E-02	9.2E-05	
AOI-49	Zone1	INORG	Manganese	7439-96-5	TOTAL	D	2	2	6.70E-01	7.30E-01			2.5E+00	9.1E+03		2.9E-01	8.0E-05	
AOI-49	Zone1	INORG	Mercury	7439-97-6	TOTAL	D	2				8.70E-05	8.70E-05	2.0E-03	5.6E-02	4.6E+01			
AOI-49	Zone1	INORG	Nickel	7440-02-0	TOTAL	A	2	2	4.10E-02	4.40E-02			1.0E-01	7.4E+04		4.4E-01	5.9E-07	
AOI-49	Zone1	INORG	Potassium	7440-09-7	TOTAL		2	2	2.00E+00	2.30E+00								
AOI-49	Zone1	INORG	Selenium	7782-49-2	TOTAL	D	2				4.70E-03	4.70E-03	5.0E-02	9.7E+02				
AOI-49	Zone1	INORG	Silver	7440-22-4	TOTAL	D	2				1.30E-04	1.30E-04	9.8E-02	1.5E+03				
AOI-49	Zone1	INORG	Sodium	7440-23-5	TOTAL		2	2	1.47E+02	1.50E+02			3.5E+02	1.0E+06		4.3E-01	1.5E-04	
AOI-49	Zone1	INORG	Thallium	7440-28-0	TOTAL		2				3.30E-05	3.30E-05	2.0E-03	1.3E+01				
AOI-49	Zone1	INORG	Vanadium	7440-62-2	TOTAL		2	2	3.60E-03	5.00E-03			6.2E-02	9.7E+02		8.1E-02	5.2E-06	
AOI-49	Zone1	INORG	Zinc	7440-66-6	TOTAL	D	2	2	4.50E-01	4.70E-01			5.0E+00	1.1E+05		9.4E-02	4.3E-06	
AOI-49	Zone2	VOC	Acetone	67-64-1	TOTAL	ID	2				5.10E-04	1.10E-03	2.1E+00	3.1E+04	1.6E+08			
AOI-49	Zone2	VOC	Benzene	71-43-2	TOTAL	A	2				1.60E-04	3.70E-04	5.0E-03	1.1E+01	4.3E+03			
AOI-49	Zone2	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	2				1.70E-04	3.20E-04	1.0E-01	1.4E+01				

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-49	Zone2	VOC	Bromoform	75-25-2	TOTAL	B2	2				1.80E-04	3.70E-04	1.0E-01	1.4E+02	5.2E+04			
AOI-49	Zone2	VOC	Bromomethane	74-83-9	TOTAL	D	2				2.00E-04	3.00E-04	2.9E-02	7.0E+01	4.7E+03			
AOI-49	Zone2	VOC	2-Butanone	78-93-3	TOTAL	ID	2				4.10E-04	5.90E-04	3.8E+01	2.4E+05	3.7E+07			
AOI-49	Zone2	VOC	Carbon Disulfide	75-15-0	TOTAL		2				2.00E-04	2.40E-04	2.3E+00	1.2E+03	6.8E+03			
AOI-49	Zone2	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	2				1.20E-04	3.70E-04	5.0E-03	4.6E+00	8.2E+03			
AOI-49	Zone2	VOC	Chlorobenzene	108-90-7	TOTAL	D	2				1.40E-04	3.80E-04	1.0E-01	8.6E+01	6.6E+05			
AOI-49	Zone2	VOC	Chloroethane	75-00-3	TOTAL		2				2.60E-04	2.90E-04	1.7E+00	4.4E+02	7.6E+06			
AOI-49	Zone2	VOC	Chloroform	67-66-3	TOTAL	B2	2				1.40E-04	3.50E-04	1.0E-01	1.5E+02	1.7E+04			
AOI-49	Zone2	VOC	Chloromethane	74-87-3	TOTAL	D	2				1.30E-04	4.90E-04	1.1E+00	4.9E+02	8.7E+04			
AOI-49	Zone2	VOC	Cumene	98-82-8	TOTAL	D	2				1.20E-04	3.90E-04	2.3E+00	5.6E+01	6.9E+04			
AOI-49	Zone2	VOC	Cyclohexane	110-82-7	TOTAL	ID	2				1.30E-04	3.30E-04			3.5E+05			
AOI-49	Zone2	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	2				6.20E-04	8.20E-04	2.0E-04	3.9E-01				
AOI-49	Zone2	VOC	Dibromochloromethane	124-48-1	TOTAL	C	2				2.60E-04	3.70E-04	1.0E-01	1.8E+01				
AOI-49	Zone2	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	2				2.20E-04	3.40E-04	1.0E-03	2.5E-02				
AOI-49	Zone2	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	2				1.10E-04	3.80E-04	6.0E-01	1.6E+02	4.7E+05			
AOI-49	Zone2	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	2				1.50E-04	3.80E-04	1.9E-02	2.0E+00				
AOI-49	Zone2	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	2				1.70E-04	3.80E-04	7.5E-02	6.4E+00	1.2E+06			
AOI-49	Zone2	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		2				2.60E-04	4.90E-04	4.8E+00	3.0E+02	1.6E+06			
AOI-49	Zone2	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	2	2	3.60E-03	5.00E-03			2.5E+00	2.4E+03	5.4E+05	2.0E-03	2.1E-06	9.2E-09
AOI-49	Zone2	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	2				2.10E-04	2.80E-04	5.0E-03	1.9E+01	1.8E+04			
AOI-49	Zone2	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	2				2.40E-04	3.10E-04	7.0E-03	1.1E+01	1.2E+04			
AOI-49	Zone2	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	2				2.20E-04	3.50E-04	7.0E-02	2.0E+02	1.3E+06			
AOI-49	Zone2	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		2				1.50E-04	3.30E-04	1.0E-01	2.2E+02	7.7E+05			
AOI-49	Zone2	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	2				1.70E-04	4.10E-04	5.0E-03	1.6E+01	7.8E+05			
AOI-49	Zone2	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	2				2.70E-04	3.50E-04	3.5E-02	5.5E+00	4.0E+03			
AOI-49	Zone2	VOC	Ethyl Benzene	100-41-4	TOTAL	D	2				1.20E-04	4.10E-04	7.0E-01	1.7E+02	5.6E+05			
AOI-49	Zone2	VOC	2-Hexanone	591-78-6	TOTAL		2				4.60E-04	5.80E-04	2.9E+00	5.2E+03				
AOI-49	Zone2	VOC	Methyl Acetate	79-20-9	TOTAL		2				4.10E-04	5.40E-04			2.5E+07			
AOI-49	Zone2	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		2				1.30E-04	2.70E-04	6.9E-01	6.1E+02	6.3E+05			
AOI-49	Zone2	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	2				2.30E-04	2.60E-04	5.2E+00	1.3E+04	1.1E+07			
AOI-49	Zone2	VOC	Methylcyclohexane	108-87-2	TOTAL		2				1.50E-04	4.20E-04			1.5E+06			
AOI-49	Zone2	VOC	Methylene Chloride	75-09-2	TOTAL	B2	2				2.90E-04	3.40E-04	5.0E-03	2.2E+02	2.1E+05			
AOI-49	Zone2	VOC	Styrene	100-42-5	TOTAL		2				1.50E-04	3.50E-04	1.0E-01	9.7E+00	5.1E+05			
AOI-49	Zone2	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	2				2.50E-04	3.60E-04	3.5E-02	4.7E+00	8.5E+04			
AOI-49	Zone2	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	2				2.30E-04	4.20E-04	5.0E-03	1.2E+01	1.4E+05			
AOI-49	Zone2	VOC	Toluene	108-88-3	TOTAL	D	2				1.80E-04	3.90E-04	1.0E+00	5.3E+02	4.9E+05			
AOI-49	Zone2	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	2				1.70E-04	4.00E-04	7.0E-02	1.9E+01				
AOI-49	Zone2	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	2	2	1.80E-03	2.40E-03			2.0E-01	1.3E+03	1.6E+06	1.2E-02	1.8E-06	1.5E-09
AOI-49	Zone2	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	2				3.00E-04	3.60E-04	5.0E-03	2.1E+01	2.3E+05			
AOI-49	Zone2	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	2				1.40E-04	4.20E-04	5.0E-03	2.2E+01	2.8E+05			
AOI-49	Zone2	VOC	Trichlorofluoromethane	75-69-4	TOTAL		2				2.80E-04	5.40E-04	7.3E+00	1.1E+03	2.3E+06			
AOI-49	Zone2	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	TOTAL		2				3.20E-04	3.20E-04	1.7E+02	1.7E+02	2.4E+06			
AOI-49	Zone2	VOC	Vinyl Chloride	75-01-4	TOTAL	A	2	2	2.20E-03	5.30E-03			2.0E-03	1.0E+00	1.3E+03	2.7E+00	5.3E-03	4.0E-06
AOI-49	Zone2	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	2				3.30E-04	4.40E-04	1.0E+01	1.9E+02	5.7E+05			
AOI-49	Zone2	SVOC	Acenaphthene	83-32-9	TOTAL		1				8.00E-04	8.00E-04	3.8E+00	4.2E+00				
AOI-49	Zone2	SVOC	Acenaphthylene	208-96-8	TOTAL	D	1				7.10E-04	7.10E-04	1.5E-01	3.9E+00				
AOI-49	Zone2	SVOC	Acetophenone	98-86-2	TOTAL	D	1				2.60E-03	2.60E-03	4.4E+00	6.1E+03	1.5E+07			
AOI-49	Zone2	SVOC	Anthracene	120-12-7	TOTAL	D	1				6.80E-04	6.80E-04	4.3E-02	4.3E-02				
AOI-49	Zone2	SVOC	Atrazine	1912-24-9	TOTAL	C	1				2.50E-03	2.50E-03	3.0E-03	5.4E+00	1.7E+09			
AOI-49	Zone2	SVOC	Benzaldehyde	100-52-7	TOTAL		1				2.80E-03	2.80E-03						
AOI-49	Zone2	SVOC	Benzo(a)anthracene	56-55-3	TOTAL	B2	1				7.00E-04	7.00E-04	8.5E-03	9.4E-03				
AOI-49	Zone2	SVOC	Benzo(a)pyrene	50-32-8	TOTAL	B2	1				4.90E-05	4.90E-05	5.0E-03	2.0E-03				

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-49	Zone2	SVOC	Benzo(b)fluoranthene	205-99-2	TOTAL	B2	1				9.40E-04	9.40E-04	2.0E-03	2.0E-03				
AOI-49	Zone2	SVOC	Benzo(g,h,i)perylene	191-24-2	TOTAL	D	1				1.40E-05	1.40E-05	5.0E-03	5.0E-03				
AOI-49	Zone2	SVOC	Benzo(k)fluoranthene	207-08-9	TOTAL	B2	1				4.30E-05	4.30E-05	5.0E-03	5.0E-03				
AOI-49	Zone2	SVOC	Biphenyl	92-52-4	TOTAL	D	1				2.60E-03	2.60E-03						
AOI-49	Zone2	SVOC	bis(2-Chloroethoxy)methane	111-91-1	TOTAL	D	1				8.70E-04	8.70E-04						
AOI-49	Zone2	SVOC	bis(2-Chloroethyl) ether	111-44-4	TOTAL	B2	1				2.80E-05	2.80E-05	8.3E-03	5.7E+00	5.6E+06			
AOI-49	Zone2	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	TOTAL	B2	1				2.70E-03	2.70E-03	6.0E-03	3.2E-01	1.6E+08			
AOI-49	Zone2	SVOC	4-Bromophenyl-phenyl ether	101-55-3	TOTAL	D	1				8.80E-04	8.80E-04						
AOI-49	Zone2	SVOC	Butylbenzylphthalate	85-68-7	TOTAL	C	1				8.80E-04	8.80E-04	2.7E+00	2.7E+00				
AOI-49	Zone2	SVOC	Caprolactam	105-60-2	TOTAL		1				2.50E-03	2.50E-03	1.7E+01	3.9E+05				
AOI-49	Zone2	SVOC	Carbazole	86-74-8	TOTAL	B2	1				8.20E-04	8.20E-04	3.5E-01	7.4E+00				
AOI-49	Zone2	SVOC	4-Chloro-3-methylphenol	59-50-7	TOTAL		1				9.90E-04	9.90E-04	4.2E-01	7.9E+01				
AOI-49	Zone2	SVOC	4-Chloroaniline	106-47-8	TOTAL		1				6.10E-04	6.10E-04						
AOI-49	Zone2	SVOC	2-Chloronaphthalene	91-58-7	TOTAL		1				8.50E-04	8.50E-04	5.2E+00	6.7E+00				
AOI-49	Zone2	SVOC	2-Chlorophenol	95-57-8	TOTAL		1				1.00E-03	1.00E-03	1.3E-01	9.4E+01				
AOI-49	Zone2	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3	TOTAL		1				7.90E-04	7.90E-04						
AOI-49	Zone2	SVOC	Chrysene	218-01-9	TOTAL	B2	1				4.20E-05	4.20E-05	5.0E-03	5.0E-03				
AOI-49	Zone2	SVOC	Dibenz(a,h)anthracene	53-70-3	TOTAL	B2	1				7.90E-04	7.90E-04	2.0E-03	2.0E-03				
AOI-49	Zone2	SVOC	Dibenzofuran	132-64-9	TOTAL	D	1				1.10E-03	1.10E-03						
AOI-49	Zone2	SVOC	3,3'-Dichlorobenzidine	91-94-1	TOTAL	B2	1				2.40E-05	2.40E-05	4.3E-03	1.8E-01				
AOI-49	Zone2	SVOC	2,4-Dichlorophenol	120-83-2	TOTAL		1				8.50E-04	8.50E-04	2.1E-01	4.8E+01				
AOI-49	Zone2	SVOC	Diethylphthalate	84-66-2	TOTAL	D	1				6.50E-04	6.50E-04	1.6E+01	1.1E+03	3.6E+07			
AOI-49	Zone2	SVOC	2,4-Dimethylphenol	105-67-9	TOTAL		1				8.50E-04	8.50E-04	1.0E+00	5.2E+02				
AOI-49	Zone2	SVOC	Dimethylphthalate	131-11-3	TOTAL	D	1				7.60E-04	7.60E-04	2.1E+02	4.2E+03	1.5E+08			
AOI-49	Zone2	SVOC	Di-n-butylphthalate	84-74-2	TOTAL	D	1				6.70E-04	6.70E-04	2.5E+00	1.1E+01	1.4E+09			
AOI-49	Zone2	SVOC	4,6-Dinitro-2-methylphenol	534-52-1	TOTAL		1				1.30E-03	1.30E-03	2.0E-02	9.5E+00				
AOI-49	Zone2	SVOC	2,4-Dinitrophenol	51-28-5	TOTAL		1				3.00E-03	3.00E-03						
AOI-49	Zone2	SVOC	2,4-Dinitrotoluene	121-14-2	TOTAL	B2	1				7.90E-04	7.90E-04	3.2E-02	8.6E+00				
AOI-49	Zone2	SVOC	2,6-Dinitrotoluene	606-20-2	TOTAL	B2	1				5.70E-04	5.70E-04						
AOI-49	Zone2	SVOC	Di-n-octylphthalate	117-84-0	TOTAL		1				1.10E-03	1.10E-03	3.8E-01	4.0E-01				
AOI-49	Zone2	SVOC	Fluoranthene	206-44-0	TOTAL	D	1				2.00E-04	2.00E-04	2.1E-01	2.1E-01				
AOI-49	Zone2	SVOC	Fluorene	86-73-7	TOTAL	D	1				1.00E-03	1.00E-03	2.0E+00	2.0E+00				
AOI-49	Zone2	SVOC	Hexachlorobenzene	118-74-1	TOTAL	B2	1				7.40E-04	7.40E-04	1.0E-03	4.6E-03	9.1E+00			
AOI-49	Zone2	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	1				7.30E-04	7.30E-04	4.2E-02	4.0E-01	3.0E+01			
AOI-49	Zone2	SVOC	Hexachlorocyclopentadiene	77-47-4	TOTAL	E	1				1.10E-03	1.10E-03	5.0E-02	1.6E+00	1.1E+02			
AOI-49	Zone2	SVOC	Hexachloroethane	67-72-1	TOTAL	C	1				7.40E-04	7.40E-04	2.1E-02	1.9E+00	5.8E+04			
AOI-49	Zone2	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	TOTAL	B2	1				4.00E-05	4.00E-05	2.0E-03	2.0E-03				
AOI-49	Zone2	SVOC	Isophorone	78-59-1	TOTAL	C	1				6.30E-04	6.30E-04	3.1E+00	9.9E+02	1.2E+07			
AOI-49	Zone2	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	1				6.40E-04	6.40E-04	7.5E-01	2.5E+01				
AOI-49	Zone2	SVOC	Methylphenol (total)	1319-77-3	TOTAL		1				1.30E-03	1.30E-03	1.0E+00	8.1E+02	8.2E+07			
AOI-49	Zone2	SVOC	Naphthalene	91-20-3	TOTAL	C	1				7.50E-04	7.50E-04	1.5E+00	3.1E+01	4.7E+05			
AOI-49	Zone2	SVOC	2-Nitroaniline	88-74-4	TOTAL		1				7.00E-04	7.00E-04						
AOI-49	Zone2	SVOC	3-Nitroaniline	99-09-2	TOTAL	C	1				7.10E-04	7.10E-04						
AOI-49	Zone2	SVOC	4-Nitroaniline	100-01-6	TOTAL	C	1				1.30E-03	1.30E-03			6.7E+08			
AOI-49	Zone2	SVOC	Nitrobenzene	98-95-3	TOTAL	D	1				4.00E-05	4.00E-05	9.6E-03	1.1E+01	7.2E+05			
AOI-49	Zone2	SVOC	2-Nitrophenol	88-75-5	TOTAL		1				2.10E-03	2.10E-03	5.8E-02	7.9E+01				
AOI-49	Zone2	SVOC	4-Nitrophenol	100-02-7	TOTAL		1				1.90E-03	1.90E-03						
AOI-49	Zone2	SVOC	N-Nitrosodiphenylamine	86-30-6	TOTAL	B2	1				1.40E-03	1.40E-03	1.1E+00	3.5E+01				
AOI-49	Zone2	SVOC	N-Nitroso-di-n-propylamine	621-64-7	TOTAL	B2	1				6.70E-04	6.70E-04	5.0E-03	3.6E-01				
AOI-49	Zone2	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	TOTAL	C	1				7.80E-04	7.80E-04						
AOI-49	Zone2	SVOC	Pentachlorophenol	87-86-5	TOTAL	B2	1				1.30E-04	1.30E-04	1.0E-03	2.0E-01	6.1E+07			
AOI-49	Zone2	SVOC	Phenanthrene	85-01-8	TOTAL	D	1				8.20E-04	8.20E-04	1.5E-01	1.0E+00				

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-49	Zone2	SVOC	Phenol	108-95-2	TOTAL	ID	1				2.60E-03	2.60E-03	1.3E+01	2.9E+04	1.5E+08			
AOI-49	Zone2	SVOC	Pyrene	129-00-0	TOTAL	D	1				1.10E-03	1.10E-03	1.4E-01	1.4E-01				
AOI-49	Zone2	SVOC	2,4,5-Trichlorophenol	95-95-4	TOTAL		1				1.20E-03	1.20E-03	2.1E+00	1.7E+02				
AOI-49	Zone2	SVOC	2,4,6-Trichlorophenol	88-06-2	TOTAL	B2	1				1.70E-03	1.70E-03	4.7E-01	1.0E+01				
AOI-49	Zone2	P/PCB	PCBs (total)	1336-36-3	TOTAL	B2	1				8.20E-05	8.20E-05	5.0E-04	3.3E-03	1.1E+03			
AOI-49	Zone2	INORG	Aluminum	7429-90-5	TOTAL	D	1	1	1.20E+00	1.20E+00			4.1E+00	6.4E+04		2.9E-01	1.9E-05	
AOI-49	Zone2	INORG	Antimony	7440-36-0	TOTAL		1				3.40E-03	3.40E-03	6.0E-03	6.8E+01				
AOI-49	Zone2	INORG	Arsenic	7440-38-2	TOTAL	A	1	1	2.60E-03	2.60E-03			5.0E-02	4.3E+00		5.2E-02	6.0E-04	
AOI-49	Zone2	INORG	Barium	7440-39-3	TOTAL	D	1	1	1.20E-01	1.20E-01			2.0E+00	1.4E+04		6.0E-02	8.6E-06	
AOI-49	Zone2	INORG	Beryllium	7440-41-7	TOTAL	B1	1				6.00E-04	6.00E-04	4.0E-03	2.9E+02				
AOI-49	Zone2	INORG	Cadmium	7440-43-9	TOTAL	B1	1				2.80E-04	2.80E-04	5.0E-03	1.9E+02				
AOI-49	Zone2	INORG	Calcium	7440-70-2	TOTAL		1	1	7.74E+01	7.74E+01								
AOI-49	Zone2	INORG	Chromium III	16065-83-1	TOTAL	D	1	1	2.50E-03	2.50E-03			1.1E+02	2.9E+05		2.3E-05	8.6E-09	
AOI-49	Zone2	INORG	Chromium VI	18540-29-9	TOTAL	A	1				5.00E-03	5.00E-03	1.0E-01	4.6E+02				
AOI-49	Zone2	INORG	Cobalt	7440-48-4	TOTAL	B1	1	1	1.80E-03	1.80E-03			1.0E-01	2.4E+03		1.8E-02	7.5E-07	
AOI-49	Zone2	INORG	Copper	7440-50-8	TOTAL	D	1				1.70E-03	1.70E-03	4.0E+00	7.4E+03			*	
AOI-49	Zone2	INORG	Cyanide (total)	57-12-5	TOTAL	D	1				1.80E-03	1.80E-03	2.0E-01	5.7E+01				
AOI-49	Zone2	INORG	Iron	7439-89-6	TOTAL	D	1	1	3.40E+00	3.40E+00			5.6E+00	5.8E+04		6.1E-01	5.9E-05	
AOI-49	Zone2	INORG	Lead	7439-92-1	TOTAL	B2	1				1.60E-03	1.60E-03	4.0E-03					
AOI-49	Zone2	INORG	Magnesium	7439-95-4	TOTAL		1	1	4.38E+01	4.38E+01			1.1E+03	1.0E+06		4.0E-02	4.4E-05	
AOI-49	Zone2	INORG	Manganese	7439-96-5	TOTAL	D	1	1	7.40E-02	7.40E-02			2.5E+00	9.1E+03		3.0E-02	8.1E-06	
AOI-49	Zone2	INORG	Mercury	7439-97-6	TOTAL	D	1				8.70E-05	8.70E-05	2.0E-03	5.6E-02	4.6E+01			
AOI-49	Zone2	INORG	Nickel	7440-02-0	TOTAL	A	1	1	3.90E-03	3.90E-03			1.0E-01	7.4E+04		3.9E-02	5.3E-08	
AOI-49	Zone2	INORG	Potassium	7440-09-7	TOTAL		1	1	6.20E+00	6.20E+00								
AOI-49	Zone2	INORG	Selenium	7782-49-2	TOTAL	D	1				4.70E-03	4.70E-03	5.0E-02	9.7E+02				
AOI-49	Zone2	INORG	Silver	7440-22-4	TOTAL	D	1				1.30E-04	1.30E-04	9.8E-02	1.5E+03				
AOI-49	Zone2	INORG	Sodium	7440-23-5	TOTAL		1	1	9.24E+01	9.24E+01			3.5E+02	1.0E+06		2.6E-01	9.2E-05	
AOI-49	Zone2	INORG	Thallium	7440-28-0	TOTAL		1				3.30E-05	3.30E-05	2.0E-03	1.3E+01				
AOI-49	Zone2	INORG	Vanadium	7440-62-2	TOTAL		1	1	2.60E-03	2.60E-03			6.2E-02	9.7E+02		4.2E-02	2.7E-06	
AOI-49	Zone2	INORG	Zinc	7440-66-6	TOTAL	D	1				1.40E-02	1.40E-02	5.0E+00	1.1E+05				
AOI-50	Zone1	VOC	Acetone	67-64-1	TOTAL	ID	5				2.20E-03	2.20E-01	2.1E+00	3.1E+04	1.6E+08			
AOI-50	Zone1	VOC	Benzene	71-43-2	TOTAL	A	5	2	7.40E-04	2.00E-01	7.40E-04	5.30E-03	5.0E-03	1.1E+01	4.3E+03	**4.0E+01**	1.8E-02	4.6E-05
AOI-50	Zone1	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	5				6.40E-04	6.40E-02	1.0E-01	1.4E+01				
AOI-50	Zone1	VOC	Bromoform	75-25-2	TOTAL	B2	5				7.40E-04	7.40E-02	1.0E-01	1.4E+02	5.2E+04			
AOI-50	Zone1	VOC	Bromomethane	74-83-9	TOTAL	D	5				6.00E-04	6.00E-02	2.9E-02	7.0E+01	4.7E+03			
AOI-50	Zone1	VOC	2-Butanone	78-93-3	TOTAL	ID	5				1.20E-03	1.20E-01	3.8E+01	2.4E+05	3.7E+07			
AOI-50	Zone1	VOC	Carbon Disulfide	75-15-0	TOTAL		5				4.80E-04	4.80E-02	2.3E+00	1.2E+03	6.8E+03			
AOI-50	Zone1	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	5				7.40E-04	7.40E-02	5.0E-03	4.6E+00	8.2E+03			
AOI-50	Zone1	VOC	Chlorobenzene	108-90-7	TOTAL	D	5				7.60E-04	7.60E-02	1.0E-01	8.6E+01	6.6E+05			
AOI-50	Zone1	VOC	Chloroethane	75-00-3	TOTAL		5	2	7.60E-04	1.60E-03	5.80E-04	5.80E-02	1.7E+00	4.4E+02	7.6E+06	9.4E-04	3.6E-06	2.1E-10
AOI-50	Zone1	VOC	Chloroform	67-66-3	TOTAL	B2	5	1	5.60E-03	5.60E-03	7.00E-04	7.00E-02	1.0E-01	1.5E+02	1.7E+04	5.6E-02	3.7E-05	3.4E-07
AOI-50	Zone1	VOC	Chloromethane	74-87-3	TOTAL	D	5				9.80E-04	9.80E-02	1.1E+00	4.9E+02	8.7E+04			
AOI-50	Zone1	VOC	Cumene	98-82-8	TOTAL	D	5				7.80E-04	7.80E-02	2.3E+00	5.6E+01	6.9E+04			
AOI-50	Zone1	VOC	Cyclohexane	110-82-7	TOTAL	ID	5				6.60E-04	6.60E-02			3.5E+05			
AOI-50	Zone1	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	5				1.60E-03	1.60E-01	2.0E-04	3.9E-01				
AOI-50	Zone1	VOC	Dibromochloromethane	124-48-1	TOTAL	C	5				7.40E-04	7.40E-02	1.0E-01	1.8E+01				
AOI-50	Zone1	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	5				6.80E-04	6.80E-02	1.0E-03	2.5E-02				
AOI-50	Zone1	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	5				7.60E-04	7.60E-02	6.0E-01	1.6E+02	4.7E+05			
AOI-50	Zone1	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	5				7.60E-04	7.60E-02	1.9E-02	2.0E+00				
AOI-50	Zone1	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	5				7.60E-04	7.60E-02	7.5E-02	6.4E+00	1.2E+06			
AOI-50	Zone1	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		5				9.80E-04	9.80E-02	4.8E+00	3.0E+02	1.6E+06			
AOI-50	Zone1	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	5	5	5.50E-02	6.10E+00			2.5E+00	2.4E+03	5.4E+05	**2.4E+00**	2.5E-03	1.1E-05

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-50	Zone1	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	5				5.60E-04	5.60E-02	5.0E-03	1.9E+01	1.8E+04			
AOI-50	Zone1	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	5	5	2.90E-02	6.30E+00			7.0E-03	1.1E+01	1.2E+04	9.0E+02	5.7E-01	5.3E-04
AOI-50	Zone1	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	5	5	5.40E-02	8.00E+00			7.0E-02	2.0E+02	1.3E+06	1.1E+02	4.0E-02	6.3E-06
AOI-50	Zone1	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		5	5	3.10E-03	1.00E-01			1.0E-01	2.2E+02	7.7E+05	1.0E+00	4.5E-04	1.3E-07
AOI-50	Zone1	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	5				8.20E-04	8.20E-02	5.0E-03	1.6E+01	7.8E+05			
AOI-50	Zone1	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	5				7.00E-04	7.00E-02	3.5E-02	5.5E+00	4.0E+03			
AOI-50	Zone1	VOC	Ethyl Benzene	100-41-4	TOTAL	D	5				8.20E-04	8.20E-02	7.0E-01	1.7E+02	5.6E+05			
AOI-50	Zone1	VOC	2-Hexanone	591-78-6	TOTAL		5				1.20E-03	1.20E-01	2.9E+00	5.2E+03				
AOI-50	Zone1	VOC	Methyl Acetate	79-20-9	TOTAL		5				1.10E-03	1.10E-01			2.5E+07			
AOI-50	Zone1	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		5				5.40E-04	5.40E-02	6.9E-01	6.1E+02	6.3E+05			
AOI-50	Zone1	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	5				5.20E-04	5.20E-02	5.2E+00	1.3E+04	1.1E+07			
AOI-50	Zone1	VOC	Methylcyclohexane	108-87-2	TOTAL		5				8.40E-04	8.40E-02			1.5E+06			
AOI-50	Zone1	VOC	Methylene Chloride	75-09-2	TOTAL	B2	5				5.80E-04	5.80E-02	5.0E-03	2.2E+02	2.1E+05			
AOI-50	Zone1	VOC	Styrene	100-42-5	TOTAL		5				7.00E-04	7.00E-02	1.0E-01	9.7E+00	5.1E+05			
AOI-50	Zone1	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	5				7.20E-04	7.20E-02	3.5E-02	4.7E+00	8.5E+04			
AOI-50	Zone1	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	5				8.40E-04	8.40E-02	5.0E-03	1.2E+01	1.4E+05			
AOI-50	Zone1	VOC	Toluene	108-88-3	TOTAL	D	5				7.80E-04	7.80E-02	1.0E+00	5.3E+02	4.9E+05			
AOI-50	Zone1	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	5				8.00E-04	8.00E-02	7.0E-02	1.9E+01				
AOI-50	Zone1	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	5	3	9.40E-03	2.60E-01	7.80E-04	7.80E-04	2.0E-01	1.3E+03	1.6E+06	1.3E+00	2.0E-04	1.7E-07
AOI-50	Zone1	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	5				7.20E-04	7.20E-02	5.0E-03	2.1E+01	2.3E+05			
AOI-50	Zone1	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	5	3	3.70E-02	2.20E-01	8.40E-04	8.40E-04	5.0E-03	2.2E+01	2.8E+05	4.4E+01	1.0E-02	8.0E-07
AOI-50	Zone1	VOC	Trichlorofluoromethane	75-69-4	TOTAL		5				1.10E-03	1.10E-01	7.3E+00	1.1E+03	2.3E+06			
AOI-50	Zone1	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	TOTAL		5				6.40E-04	6.40E-02	1.7E+02	1.7E+02	2.4E+06			
AOI-50	Zone1	VOC	Vinyl Chloride	75-01-4	TOTAL	A	5	5	3.20E-03	1.50E+00			2.0E-03	1.0E+00	1.3E+03	7.5E+02	1.5E+00	1.1E-03
AOI-50	Zone1	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	5				8.80E-04	8.80E-02	1.0E+01	1.9E+02	5.7E+05			
AOI-50	Zone1	SVOC	Acenaphthene	83-32-9	TOTAL		5				6.90E-04	6.90E-04	3.8E+00	4.2E+00				
AOI-50	Zone1	SVOC	Acenaphthylene	208-96-8	TOTAL	D	5				4.10E-04	4.10E-04	1.5E-01	3.9E+00				
AOI-50	Zone1	SVOC	Acetophenone	98-86-2	TOTAL	D	5				6.50E-04	6.50E-04	4.4E+00	6.1E+03	1.5E+07			
AOI-50	Zone1	SVOC	Anthracene	120-12-7	TOTAL	D	5				5.90E-04	5.90E-04	4.3E-02	4.3E-02				
AOI-50	Zone1	SVOC	Atrazine	1912-24-9	TOTAL	C	5				3.50E-04	3.50E-04	3.0E-03	5.4E+00	1.7E+09			
AOI-50	Zone1	SVOC	Benzaldehyde	100-52-7	TOTAL		5				5.90E-04	5.90E-04						
AOI-50	Zone1	SVOC	Benzo(a)anthracene	56-55-3	TOTAL	B2	5				6.80E-04	6.80E-04	8.5E-03	9.4E-03				
AOI-50	Zone1	SVOC	Benzo(a)pyrene	50-32-8	TOTAL	B2	5				5.30E-04	5.30E-04	5.0E-03	2.0E-03				
AOI-50	Zone1	SVOC	Benzo(b)fluoranthene	205-99-2	TOTAL	B2	5				7.10E-04	7.10E-04	2.0E-03	2.0E-03				
AOI-50	Zone1	SVOC	Benzo(g,h,i)perylene	191-24-2	TOTAL	D	5				7.00E-04	7.00E-04	5.0E-03	5.0E-03				
AOI-50	Zone1	SVOC	Benzo(k)fluoranthene	207-08-9	TOTAL	B2	5				6.40E-04	6.40E-04	5.0E-03	5.0E-03				
AOI-50	Zone1	SVOC	Biphenyl	92-52-4	TOTAL	D	5				6.50E-04	6.50E-04						
AOI-50	Zone1	SVOC	bis(2-Chloroethoxy)methane	111-91-1	TOTAL	D	5				1.00E-03	1.00E-03						
AOI-50	Zone1	SVOC	bis(2-Chloroethyl) ether	111-44-4	TOTAL	B2	5				1.70E-03	1.70E-03	8.3E-03	5.7E+00	5.6E+06			
AOI-50	Zone1	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	TOTAL	B2	5				2.00E-04	2.00E-04	6.0E-03	3.2E-01	1.6E+08			
AOI-50	Zone1	SVOC	4-Bromophenyl-phenyl ether	101-55-3	TOTAL	D	5				7.80E-04	7.80E-04						
AOI-50	Zone1	SVOC	Butylbenzylphthalate	85-68-7	TOTAL	C	5				2.30E-04	2.30E-04	2.7E+00	2.7E+00				
AOI-50	Zone1	SVOC	Caprolactam	105-60-2	TOTAL		5	4	1.80E-03	8.80E-02	4.50E-04	4.50E-04	1.7E+01	3.9E+05		5.2E-03	2.3E-07	
AOI-50	Zone1	SVOC	Carbazole	86-74-8	TOTAL	B2	5				6.10E-04	6.10E-04	3.5E-01	7.4E+00				
AOI-50	Zone1	SVOC	4-Chloro-3-methylphenol	59-50-7	TOTAL		5				5.50E-04	5.50E-04	4.2E-01	7.9E+01				
AOI-50	Zone1	SVOC	4-Chloroaniline	106-47-8	TOTAL		5				9.00E-04	9.00E-04						
AOI-50	Zone1	SVOC	2-Chloronaphthalene	91-58-7	TOTAL		5				7.30E-04	7.30E-04	5.2E+00	6.7E+00				
AOI-50	Zone1	SVOC	2-Chlorophenol	95-57-8	TOTAL		5				1.30E-03	1.30E-03	1.3E-01	9.4E+01				
AOI-50	Zone1	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3	TOTAL		5				6.60E-04	6.60E-04						
AOI-50	Zone1	SVOC	Chrysene	218-01-9	TOTAL	B2	5				6.70E-04	6.70E-04	5.0E-03	5.0E-03				

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-50	Zone1	SVOC	Dibenz(a,h)anthracene	53-70-3	TOTAL	B2	5				6.80E-04	6.80E-04	2.0E-03	2.0E-03				
AOI-50	Zone1	SVOC	Dibenzofuran	132-64-9	TOTAL	D	5				6.60E-04	6.60E-04						
AOI-50	Zone1	SVOC	3,3'-Dichlorobenzidine	91-94-1	TOTAL	B2	5				4.70E-04	4.70E-04	4.3E-03	1.8E-01				
AOI-50	Zone1	SVOC	2,4-Dichlorophenol	120-83-2	TOTAL		5				7.00E-04	7.00E-04	2.1E-01	4.8E+01				
AOI-50	Zone1	SVOC	Diethylphthalate	84-66-2	TOTAL	D	5				2.50E-04	2.50E-04	1.6E+01	1.1E+03	3.6E+07			
AOI-50	Zone1	SVOC	2,4-Dimethylphenol	105-67-9	TOTAL		5				1.00E-03	1.00E-03	1.0E+00	5.2E+02				
AOI-50	Zone1	SVOC	Dimethylphthalate	131-11-3	TOTAL	D	5				2.00E-04	2.00E-04	2.1E+02	4.2E+03	1.5E+08			
AOI-50	Zone1	SVOC	Di-n-butylphthalate	84-74-2	TOTAL	D	5	1	4.30E-04	4.30E-04	3.70E-04	3.70E-04	2.5E+00	1.1E+01	1.4E+09	1.7E-04	3.9E-05	3.0E-13
AOI-50	Zone1	SVOC	4,6-Dinitro-2-methylphenol	534-52-1	TOTAL		5				2.10E-03	2.10E-03	2.0E-02	9.5E+00				
AOI-50	Zone1	SVOC	2,4-Dinitrophenol	51-28-5	TOTAL		5				3.30E-03	3.30E-03						
AOI-50	Zone1	SVOC	2,4-Dinitrotoluene	121-14-2	TOTAL	B2	5				4.60E-04	4.60E-04	3.2E-02	8.6E+00				
AOI-50	Zone1	SVOC	2,6-Dinitrotoluene	606-20-2	TOTAL	B2	5				7.10E-04	7.10E-04						
AOI-50	Zone1	SVOC	Di-n-octylphthalate	117-84-0	TOTAL		5				6.90E-04	6.90E-04	3.8E-01	4.0E-01				
AOI-50	Zone1	SVOC	Fluoranthene	206-44-0	TOTAL	D	5				7.10E-04	7.10E-04	2.1E-01	2.1E-01				
AOI-50	Zone1	SVOC	Fluorene	86-73-7	TOTAL	D	5				7.50E-04	7.50E-04	2.0E+00	2.0E+00				
AOI-50	Zone1	SVOC	Hexachlorobenzene	118-74-1	TOTAL	B2	5				7.70E-04	7.70E-04	1.0E-03	4.6E-03	9.1E+00			
AOI-50	Zone1	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	5				1.50E-03	1.50E-03	4.2E-02	4.0E-01	3.0E+01			
AOI-50	Zone1	SVOC	Hexachlorocyclopentadiene	77-47-4	TOTAL	E	5				1.10E-03	1.10E-03	5.0E-02	1.6E+00	1.1E+02			
AOI-50	Zone1	SVOC	Hexachloroethane	67-72-1	TOTAL	C	5				1.60E-03	1.60E-03	2.1E-02	1.9E+00	5.8E+04			
AOI-50	Zone1	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	TOTAL	B2	5				6.90E-04	6.90E-04	2.0E-03	2.0E-03				
AOI-50	Zone1	SVOC	Isophorone	78-59-1	TOTAL	C	5				8.60E-04	8.60E-04	3.1E+00	9.9E+02	1.2E+07			
AOI-50	Zone1	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	5				9.30E-04	9.30E-04	7.5E-01	2.5E+01				
AOI-50	Zone1	SVOC	Methylphenol (total)	1319-77-3	TOTAL		5				7.10E-04	7.10E-04	1.0E+00	8.1E+02	8.2E+07			
AOI-50	Zone1	SVOC	Naphthalene	91-20-3	TOTAL	C	5				1.30E-03	1.30E-03	1.5E+00	3.1E+01	4.7E+05			
AOI-50	Zone1	SVOC	2-Nitroaniline	88-74-4	TOTAL		5				4.90E-04	4.90E-04						
AOI-50	Zone1	SVOC	3-Nitroaniline	99-09-2	TOTAL	C	5				4.80E-04	4.80E-04						
AOI-50	Zone1	SVOC	4-Nitroaniline	100-01-6	TOTAL	C	5				5.90E-04	5.90E-04			6.7E+08			
AOI-50	Zone1	SVOC	Nitrobenzene	98-95-3	TOTAL	D	5				1.30E-03	1.30E-03	9.6E-03	1.1E+01	7.2E+05			
AOI-50	Zone1	SVOC	2-Nitrophenol	88-75-5	TOTAL		5				9.50E-04	9.50E-04	5.8E-02	7.9E+01				
AOI-50	Zone1	SVOC	4-Nitrophenol	100-02-7	TOTAL		5				3.50E-03	3.50E-03						
AOI-50	Zone1	SVOC	N-Nitrosodiphenylamine	86-30-6	TOTAL	B2	5				6.40E-04	6.40E-04	1.1E+00	3.5E+01				
AOI-50	Zone1	SVOC	N-Nitroso-di-n-propylamine	621-64-7	TOTAL	B2	5				1.10E-03	1.10E-03	5.0E-03	3.6E-01				
AOI-50	Zone1	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	TOTAL	C	5				1.80E-03	1.80E-03						
AOI-50	Zone1	SVOC	Pentachlorophenol	87-86-5	TOTAL	B2	5				2.60E-03	2.60E-03	1.0E-03	2.0E-01	6.1E+07			
AOI-50	Zone1	SVOC	Phenanthrene	85-01-8	TOTAL	D	5				6.80E-04	6.80E-04	1.5E-01	1.0E+00				
AOI-50	Zone1	SVOC	Phenol	108-95-2	TOTAL	ID	5				1.30E-03	1.30E-03	1.3E+01	2.9E+04	1.5E+08			
AOI-50	Zone1	SVOC	Pyrene	129-00-0	TOTAL	D	5				6.30E-04	6.30E-04	1.4E-01	1.4E-01				
AOI-50	Zone1	SVOC	2,4,5-Trichlorophenol	95-95-4	TOTAL		5				8.60E-04	8.60E-04	2.1E+00	1.7E+02				
AOI-50	Zone1	SVOC	2,4,6-Trichlorophenol	88-06-2	TOTAL	B2	5				7.10E-04	7.10E-04	4.7E-01	1.0E+01				
AOI-50	Zone1	P/PCB	PCBs (total)	1336-36-3	TOTAL	B2	5				8.20E-05	8.20E-05	5.0E-04	3.3E-03	1.1E+03			
AOI-50	Zone2	VOC	Acetone	67-64-1	TOTAL	ID	1				5.10E-04	5.10E-04	2.1E+00	3.1E+04	1.6E+08			
AOI-50	Zone2	VOC	Benzene	71-43-2	TOTAL	A	1				1.60E-04	1.60E-04	5.0E-03	1.1E+01	4.3E+03			
AOI-50	Zone2	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	1				1.70E-04	1.70E-04	1.0E-01	1.4E+01				
AOI-50	Zone2	VOC	Bromoform	75-25-2	TOTAL	B2	1				1.80E-04	1.80E-04	1.0E-01	1.4E+02	5.2E+04			
AOI-50	Zone2	VOC	Bromomethane	74-83-9	TOTAL	D	1				2.00E-04	2.00E-04	2.9E-02	7.0E+01	4.7E+03			
AOI-50	Zone2	VOC	2-Butanone	78-93-3	TOTAL	ID	1				4.10E-04	4.10E-04	3.8E+01	2.4E+05	3.7E+07			
AOI-50	Zone2	VOC	Carbon Disulfide	75-15-0	TOTAL		1				2.00E-04	2.00E-04	2.3E+00	1.2E+03	6.8E+03			
AOI-50	Zone2	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	1				1.20E-04	1.20E-04	5.0E-03	4.6E+00	8.2E+03			
AOI-50	Zone2	VOC	Chlorobenzene	108-90-7	TOTAL	D	1				1.40E-04	1.40E-04	1.0E-01	8.6E+01	6.6E+05			
AOI-50	Zone2	VOC	Chloroethane	75-00-3	TOTAL		1				2.60E-04	2.60E-04	1.7E+00	4.4E+02	7.6E+06			
AOI-50	Zone2	VOC	Chloroform	67-66-3	TOTAL	B2	1	1	5.60E-04	5.60E-04			1.0E-01	1.5E+02	1.7E+04	5.6E-03	3.7E-06	3.4E-08
AOI-50	Zone2	VOC	Chloromethane	74-87-3	TOTAL	D	1				1.30E-04	1.30E-04	1.1E+00	4.9E+02	8.7E+04			

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-50	Zone2	VOC	Cumene	98-82-8	TOTAL	D	1				1.20E-04	1.20E-04	2.3E+00	5.6E+01	6.9E+04			
AOI-50	Zone2	VOC	Cyclohexane	110-82-7	TOTAL	ID	1				1.30E-04	1.30E-04			3.5E+05			
AOI-50	Zone2	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	1				6.20E-04	6.20E-04	2.0E-04	3.9E-01				
AOI-50	Zone2	VOC	Dibromochloromethane	124-48-1	TOTAL	C	1				2.60E-04	2.60E-04	1.0E-01	1.8E+01				
AOI-50	Zone2	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	1				2.20E-04	2.20E-04	1.0E-03	2.5E-02				
AOI-50	Zone2	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	1				1.10E-04	1.10E-04	6.0E-01	1.6E+02	4.7E+05			
AOI-50	Zone2	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	1				1.50E-04	1.50E-04	1.9E-02	2.0E+00				
AOI-50	Zone2	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	1				1.70E-04	1.70E-04	7.5E-02	6.4E+00	1.2E+06			
AOI-50	Zone2	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		1				2.60E-04	2.60E-04	4.8E+00	3.0E+02	1.6E+06			
AOI-50	Zone2	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	1	1	8.70E-04	8.70E-04			2.5E+00	2.4E+03	5.4E+05	3.5E-04	3.6E-07	1.6E-09
AOI-50	Zone2	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	1				2.10E-04	2.10E-04	5.0E-03	1.9E+01	1.8E+04			
AOI-50	Zone2	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	1				2.40E-04	2.40E-04	7.0E-03	1.1E+01	1.2E+04			
AOI-50	Zone2	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	1	1	1.80E-03	1.80E-03			7.0E-02	2.0E+02	1.3E+06	2.6E-02	9.0E-06	1.4E-09
AOI-50	Zone2	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		1				1.50E-04	1.50E-04	1.0E-01	2.2E+02	7.7E+05			
AOI-50	Zone2	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	1				1.70E-04	1.70E-04	5.0E-03	1.6E+01	7.8E+05			
AOI-50	Zone2	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	1				2.70E-04	2.70E-04	3.5E-02	5.5E+00	4.0E+03			
AOI-50	Zone2	VOC	Ethyl Benzene	100-41-4	TOTAL	D	1				1.20E-04	1.20E-04	7.0E-01	1.7E+02	5.6E+05			
AOI-50	Zone2	VOC	2-Hexanone	591-78-6	TOTAL		1				4.60E-04	4.60E-04	2.9E+00	5.2E+03				
AOI-50	Zone2	VOC	Methyl Acetate	79-20-9	TOTAL		1				4.10E-04	4.10E-04			2.5E+07			
AOI-50	Zone2	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		1				1.30E-04	1.30E-04	6.9E-01	6.1E+02	6.3E+05			
AOI-50	Zone2	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	1				2.30E-04	2.30E-04	5.2E+00	1.3E+04	1.1E+07			
AOI-50	Zone2	VOC	Methylcyclohexane	108-87-2	TOTAL		1				1.50E-04	1.50E-04			1.5E+06			
AOI-50	Zone2	VOC	Methylene Chloride	75-09-2	TOTAL	B2	1				3.40E-04	3.40E-04	5.0E-03	2.2E+02	2.1E+05			
AOI-50	Zone2	VOC	Styrene	100-42-5	TOTAL		1				1.50E-04	1.50E-04	1.0E-01	9.7E+00	5.1E+05			
AOI-50	Zone2	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	1				2.50E-04	2.50E-04	3.5E-02	4.7E+00	8.5E+04			
AOI-50	Zone2	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	1				2.30E-04	2.30E-04	5.0E-03	1.2E+01	1.4E+05			
AOI-50	Zone2	VOC	Toluene	108-88-3	TOTAL	D	1	1	3.10E-04	3.10E-04			1.0E+00	5.3E+02	4.9E+05	3.1E-04	5.8E-07	6.4E-10
AOI-50	Zone2	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	1				1.70E-04	1.70E-04	7.0E-02	1.9E+01				
AOI-50	Zone2	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	1	1	5.10E-04	5.10E-04			2.0E-01	1.3E+03	1.6E+06	2.6E-03	3.9E-07	3.3E-10
AOI-50	Zone2	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	1				3.00E-04	3.00E-04	5.0E-03	2.1E+01	2.3E+05			
AOI-50	Zone2	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	1	1	1.10E-03	1.10E-03			5.0E-03	2.2E+01	2.8E+05	2.2E-01	5.0E-05	4.0E-09
AOI-50	Zone2	VOC	Trichlorofluoromethane	75-69-4	TOTAL		1				2.80E-04	2.80E-04	7.3E+00	1.1E+03	2.3E+06			
AOI-50	Zone2	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	TOTAL		1				3.20E-04	3.20E-04	1.7E+02	1.7E+02	2.4E+06			
AOI-50	Zone2	VOC	Vinyl Chloride	75-01-4	TOTAL	A	1				1.50E-04	1.50E-04	2.0E-03	1.0E+00	1.3E+03			
AOI-50	Zone2	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	1				3.30E-04	3.30E-04	1.0E+01	1.9E+02	5.7E+05			
AOI-50	Zone2	SVOC	Acenaphthene	83-32-9	TOTAL		1				8.00E-04	8.00E-04	3.8E+00	4.2E+00				
AOI-50	Zone2	SVOC	Acenaphthylene	208-96-8	TOTAL	D	1				7.10E-04	7.10E-04	1.5E-01	3.9E+00				
AOI-50	Zone2	SVOC	Acetophenone	98-86-2	TOTAL	D	1				2.60E-03	2.60E-03	4.4E+00	6.1E+03	1.5E+07			
AOI-50	Zone2	SVOC	Anthracene	120-12-7	TOTAL	D	1				6.80E-04	6.80E-04	4.3E-02	4.3E-02				
AOI-50	Zone2	SVOC	Atrazine	1912-24-9	TOTAL	C	1				2.50E-03	2.50E-03	3.0E-03	5.4E+00	1.7E+09			
AOI-50	Zone2	SVOC	Benzaldehyde	100-52-7	TOTAL		1				2.80E-03	2.80E-03						
AOI-50	Zone2	SVOC	Benzo(a)anthracene	56-55-3	TOTAL	B2	1				7.00E-04	7.00E-04	8.5E-03	9.4E-03				
AOI-50	Zone2	SVOC	Benzo(a)pyrene	50-32-8	TOTAL	B2	1				4.90E-05	4.90E-05	5.0E-03	2.0E-03				
AOI-50	Zone2	SVOC	Benzo(b)fluoranthene	205-99-2	TOTAL	B2	1				9.40E-04	9.40E-04	2.0E-03	2.0E-03				
AOI-50	Zone2	SVOC	Benzo(g,h,i)perylene	191-24-2	TOTAL	D	1				1.40E-05	1.40E-05	5.0E-03	5.0E-03				
AOI-50	Zone2	SVOC	Benzo(k)fluoranthene	207-08-9	TOTAL	B2	1				4.30E-05	4.30E-05	5.0E-03	5.0E-03				
AOI-50	Zone2	SVOC	Biphenyl	92-52-4	TOTAL	D	1				2.60E-03	2.60E-03						
AOI-50	Zone2	SVOC	bis(2-Chloroethoxy)methane	111-91-1	TOTAL	D	1				8.70E-04	8.70E-04						
AOI-50	Zone2	SVOC	bis(2-Chloroethyl) ether	111-44-4	TOTAL	B2	1				2.80E-05	2.80E-05	8.3E-03	5.7E+00	5.6E+06			
AOI-50	Zone2	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	TOTAL	B2	1				2.70E-03	2.70E-03	6.0E-03	3.2E-01	1.6E+08			
AOI-50	Zone2	SVOC	4-Bromophenyl-phenyl ether	101-55-3	TOTAL	D	1				8.80E-04	8.80E-04						
AOI-50	Zone2	SVOC	Butylbenzylphthalate	85-68-7	TOTAL	C	1				8.80E-04	8.80E-04	2.7E+00	2.7E+00				

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-50	Zone2	SVOC	Caprolactam	105-60-2	TOTAL		1				2.50E-03	2.50E-03	1.7E+01	3.9E+05				
AOI-50	Zone2	SVOC	Carbazole	86-74-8	TOTAL	B2	1				8.20E-04	8.20E-04	3.5E-01	7.4E+00				
AOI-50	Zone2	SVOC	4-Chloro-3-methylphenol	59-50-7	TOTAL		1				9.90E-04	9.90E-04	4.2E-01	7.9E+01				
AOI-50	Zone2	SVOC	4-Chloroaniline	106-47-8	TOTAL		1				6.10E-04	6.10E-04						
AOI-50	Zone2	SVOC	2-Chloronaphthalene	91-58-7	TOTAL		1				8.50E-04	8.50E-04	5.2E+00	6.7E+00				
AOI-50	Zone2	SVOC	2-Chlorophenol	95-57-8	TOTAL		1				1.00E-03	1.00E-03	1.3E-01	9.4E+01				
AOI-50	Zone2	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3	TOTAL		1				7.90E-04	7.90E-04						
AOI-50	Zone2	SVOC	Chrysene	218-01-9	TOTAL	B2	1				4.20E-05	4.20E-05	5.0E-03	5.0E-03				
AOI-50	Zone2	SVOC	Dibenz(a,h)anthracene	53-70-3	TOTAL	B2	1				7.90E-04	7.90E-04	2.0E-03	2.0E-03				
AOI-50	Zone2	SVOC	Dibenzofuran	132-64-9	TOTAL	D	1				1.10E-03	1.10E-03						
AOI-50	Zone2	SVOC	3,3'-Dichlorobenzidine	91-94-1	TOTAL	B2	1				2.40E-05	2.40E-05	4.3E-03	1.8E-01				
AOI-50	Zone2	SVOC	2,4-Dichlorophenol	120-83-2	TOTAL		1				8.50E-04	8.50E-04	2.1E-01	4.8E+01				
AOI-50	Zone2	SVOC	Diethylphthalate	84-66-2	TOTAL	D	1				6.50E-04	6.50E-04	1.6E+01	1.1E+03	3.6E+07			
AOI-50	Zone2	SVOC	2,4-Dimethylphenol	105-67-9	TOTAL		1				8.50E-04	8.50E-04	1.0E+00	5.2E+02				
AOI-50	Zone2	SVOC	Dimethylphthalate	131-11-3	TOTAL	D	1				7.60E-04	7.60E-04	2.1E+02	4.2E+03	1.5E+08			
AOI-50	Zone2	SVOC	Di-n-butylphthalate	84-74-2	TOTAL	D	1				6.70E-04	6.70E-04	2.5E+00	1.1E+01	1.4E+09			
AOI-50	Zone2	SVOC	4,6-Dinitro-2-methylphenol	534-52-1	TOTAL		1				1.30E-03	1.30E-03	2.0E-02	9.5E+00				
AOI-50	Zone2	SVOC	2,4-Dinitrophenol	51-28-5	TOTAL		1				3.00E-03	3.00E-03						
AOI-50	Zone2	SVOC	2,4-Dinitrotoluene	121-14-2	TOTAL	B2	1				7.90E-04	7.90E-04	3.2E-02	8.6E+00				
AOI-50	Zone2	SVOC	2,6-Dinitrotoluene	606-20-2	TOTAL	B2	1				5.70E-04	5.70E-04						
AOI-50	Zone2	SVOC	Di-n-octylphthalate	117-84-0	TOTAL		1				1.10E-03	1.10E-03	3.8E-01	4.0E-01				
AOI-50	Zone2	SVOC	Fluoranthene	206-44-0	TOTAL	D	1				4.60E-05	4.60E-05	2.1E-01	2.1E-01				
AOI-50	Zone2	SVOC	Fluorene	86-73-7	TOTAL	D	1				1.00E-03	1.00E-03	2.0E+00	2.0E+00				
AOI-50	Zone2	SVOC	Hexachlorobenzene	118-74-1	TOTAL	B2	1				7.40E-04	7.40E-04	1.0E-03	4.6E-03	9.1E+00			
AOI-50	Zone2	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	1				7.30E-04	7.30E-04	4.2E-02	4.0E-01	3.0E+01			
AOI-50	Zone2	SVOC	Hexachlorocyclopentadiene	77-47-4	TOTAL	E	1				1.10E-03	1.10E-03	5.0E-02	1.6E+00	1.1E+02			
AOI-50	Zone2	SVOC	Hexachloroethane	67-72-1	TOTAL	C	1				7.40E-04	7.40E-04	2.1E-02	1.9E+00	5.8E+04			
AOI-50	Zone2	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	TOTAL	B2	1				4.00E-05	4.00E-05	2.0E-03	2.0E-03				
AOI-50	Zone2	SVOC	Isophorone	78-59-1	TOTAL	C	1				6.30E-04	6.30E-04	3.1E+00	9.9E+02	1.2E+07			
AOI-50	Zone2	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	1				6.40E-04	6.40E-04	7.5E-01	2.5E+01				
AOI-50	Zone2	SVOC	Methylphenol (total)	1319-77-3	TOTAL		1				1.30E-03	1.30E-03	1.0E+00	8.1E+02	8.2E+07			
AOI-50	Zone2	SVOC	Naphthalene	91-20-3	TOTAL	C	1				7.50E-04	7.50E-04	1.5E+00	3.1E+01	4.7E+05			
AOI-50	Zone2	SVOC	2-Nitroaniline	88-74-4	TOTAL		1				7.00E-04	7.00E-04						
AOI-50	Zone2	SVOC	3-Nitroaniline	99-09-2	TOTAL	C	1				7.10E-04	7.10E-04						
AOI-50	Zone2	SVOC	4-Nitroaniline	100-01-6	TOTAL	C	1				1.30E-03	1.30E-03			6.7E+08			
AOI-50	Zone2	SVOC	Nitrobenzene	98-95-3	TOTAL	D	1				4.00E-05	4.00E-05	9.6E-03	1.1E+01	7.2E+05			
AOI-50	Zone2	SVOC	2-Nitrophenol	88-75-5	TOTAL		1				2.10E-03	2.10E-03	5.8E-02	7.9E+01				
AOI-50	Zone2	SVOC	4-Nitrophenol	100-02-7	TOTAL		1				1.90E-03	1.90E-03						
AOI-50	Zone2	SVOC	N-Nitrosodiphenylamine	86-30-6	TOTAL	B2	1				1.40E-03	1.40E-03	1.1E+00	3.5E+01				
AOI-50	Zone2	SVOC	N-Nitroso-di-n-propylamine	621-64-7	TOTAL	B2	1				6.70E-04	6.70E-04	5.0E-03	3.6E-01				
AOI-50	Zone2	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	TOTAL	C	1				7.80E-04	7.80E-04						
AOI-50	Zone2	SVOC	Pentachlorophenol	87-86-5	TOTAL	B2	1				1.30E-04	1.30E-04	1.0E-03	2.0E-01	6.1E+07			
AOI-50	Zone2	SVOC	Phenanthrene	85-01-8	TOTAL	D	1				8.20E-04	8.20E-04	1.5E-01	1.0E+00				
AOI-50	Zone2	SVOC	Phenol	108-95-2	TOTAL	ID	1				2.60E-03	2.60E-03	1.3E+01	2.9E+04	1.5E+08			
AOI-50	Zone2	SVOC	Pyrene	129-00-0	TOTAL	D	1				1.10E-03	1.10E-03	1.4E-01	1.4E-01				
AOI-50	Zone2	SVOC	2,4,5-Trichlorophenol	95-95-4	TOTAL		1				1.20E-03	1.20E-03	2.1E+00	1.7E+02				
AOI-50	Zone2	SVOC	2,4,6-Trichlorophenol	88-06-2	TOTAL	B2	1				1.70E-03	1.70E-03	4.7E-01	1.0E+01				
AOI-50	Zone2	P/PCB	PCBs (total)	1336-36-3	TOTAL	B2	1				8.20E-05	8.20E-05	5.0E-04	3.3E-03	1.1E+03			
AOI-50	Zone2	INORG	Aluminum	7429-90-5	TOTAL	D	1	1	5.60E-01	5.60E-01			4.1E+00	6.4E+04		1.4E-01	8.8E-06	
AOI-50	Zone2	INORG	Antimony	7440-36-0	TOTAL		1				3.40E-03	3.40E-03	6.0E-03	6.8E+01				
AOI-50	Zone2	INORG	Arsenic	7440-38-2	TOTAL	A	1	1	2.80E-02	2.80E-02			5.0E-02	4.3E+00		5.6E-01	6.5E-03	
AOI-50	Zone2	INORG	Barium	7440-39-3	TOTAL	D	1	1	6.90E-02	6.90E-02			2.0E+00	1.4E+04		3.5E-02	4.9E-06	

Table C-2a: On-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-50	Zone2	INORG	Beryllium	7440-41-7	TOTAL	B1	1				6.00E-04	6.00E-04	4.0E-03	2.9E+02				
AOI-50	Zone2	INORG	Cadmium	7440-43-9	TOTAL	B1	1				2.80E-04	2.80E-04	5.0E-03	1.9E+02				
AOI-50	Zone2	INORG	Calcium	7440-70-2	TOTAL		1	1	4.30E+01	4.30E+01								
AOI-50	Zone2	INORG	Chromium (total)	7440-47-3	TOTAL		1	1	2.10E-03	2.10E-03			1.0E-01	4.6E+02		2.1E-02	4.6E-06	
AOI-50	Zone2	INORG	Cobalt	7440-48-4	TOTAL	B1	1				7.40E-04	7.40E-04	1.0E-01	2.4E+03				
AOI-50	Zone2	INORG	Copper	7440-50-8	TOTAL	D	1				1.70E-03	1.70E-03	4.0E+00	7.4E+03				
AOI-50	Zone2	INORG	Cyanide (total)	57-12-5	TOTAL	D	1				1.80E-03	1.80E-03	2.0E-01	5.7E+01				
AOI-50	Zone2	INORG	Iron	7439-89-6	TOTAL	D	1	1	6.20E-01	6.20E-01			5.6E+00	5.8E+04		1.1E-01	1.1E-05	
AOI-50	Zone2	INORG	Lead	7439-92-1	TOTAL	B2	1				1.60E-03	1.60E-03	4.0E-03					
AOI-50	Zone2	INORG	Magnesium	7439-95-4	TOTAL		1	1	7.90E+00	7.90E+00			1.1E+03	1.0E+06		7.2E-03	7.9E-06	
AOI-50	Zone2	INORG	Manganese	7439-96-5	TOTAL	D	1	1	1.30E-02	1.30E-02			2.5E+00	9.1E+03		5.2E-03	1.4E-06	
AOI-50	Zone2	INORG	Mercury	7439-97-6	TOTAL	D	1				8.70E-05	8.70E-05	2.0E-03	5.6E-02	4.6E+01			
AOI-50	Zone2	INORG	Nickel	7440-02-0	TOTAL	A	1				2.90E-03	2.90E-03	1.0E-01	7.4E+04				
AOI-50	Zone2	INORG	Potassium	7440-09-7	TOTAL		1	1	6.00E+00	6.00E+00								
AOI-50	Zone2	INORG	Selenium	7782-49-2	TOTAL	D	1				4.70E-03	4.70E-03	5.0E-02	9.7E+02				
AOI-50	Zone2	INORG	Silver	7440-22-4	TOTAL	D	1				1.30E-04	1.30E-04	9.8E-02	1.5E+03				
AOI-50	Zone2	INORG	Sodium	7440-23-5	TOTAL		1	1	2.60E+01	2.60E+01			3.5E+02	1.0E+06		7.4E-02	2.6E-05	
AOI-50	Zone2	INORG	Thallium	7440-28-0	TOTAL		1				3.30E-05	3.30E-05	2.0E-03	1.3E+01				
AOI-50	Zone2	INORG	Vanadium	7440-62-2	TOTAL		1	1	1.40E-02	1.40E-02			6.2E-02	9.7E+02		2.3E-01	1.4E-05	
AOI-50	Zone2	INORG	Zinc	7440-66-6	TOTAL	D	1				1.40E-02	1.40E-02	5.0E+00	1.1E+05				

Notes:

The Screening Criteria are MDEQ Part 201 Generic Screening Values (MDEQ 2002) or site-specific industrial criteria for the indoor air pathway.

The Screening Criteria for Chromium VI is used as a surrogate for Chromium (total).

The concentrations for the Methylphenol (2, 3, & 4) were summed before comparing to the Screening Criteria for 4-Methylphenol.

The concentrations for all PCB isomers were summed before comparing to the Screening Criteria.

The concentrations for the Xylene isomers (m/p and o) were summed before comparing to the Screening Criteria.

The concentrations for the 1,3-Dichloropropene isomers (cis and trans) were summed before comparing to the Screening Criteria.

The toxicity values that MDEQ used to calculate its screening criteria for 1,1-Dichloroethene (1,1-DCE) are different from the toxicity values for 1,1-DCE published in IRIS (January, 2003). The updated screening criteria for 1,1-DCE, based on IRIS toxicity values, are: 1.04 mg/L (industrial drinking water), 797 mg/L (groundwater contact).

The first (shallow) saturated zone beneath the Facility (depth to groundwater of 4 - 16 ft) is called "Zone 1,"
except in the northwest corner of the property, where "Zone 1" is absent.
In the northwest corner of the property, there is only one water-bearing zone identified, and water levels in the area
are consistent with "Zone 2" (see below). In this area, the upper half of the first and only saturated zone
encountered is identified as "Zone1/Zone2," and the lower half is identified as "Zone 2."
The second (deeper) saturated zone beneath the Facility (depth to groundwater of 15 - 25 ft) is called "Zone 2."

Chem Group - Chemical Group
Meas Basis - Measured Basis; T = Total, D = Dissolved
Carc Class - EPA Weight-of-Evidence Cancer Classification
A = Known Human Carcinogen-sufficient evidence of carcinogenicity in humans; B1 = Human Carcinogen-limited evidence of carcinogenicity in humans;
B2 = Probable Human Carcinogen-sufficient evidence of carcinogenicity in animals with inadequate or lack of evidence in humans; C = Possible Human Carcinogen-
limited evidence of carcinogenicity in animals and inadequate or lack of evidence in humans; D = Not classifiable as to human carcinogenicity;
ID = Data Are Inadequate for An Assessment of Human Carcinogenic Potential
Min QL - Minimum Quantitation Limit
Max QL - Maximum Quantitation Limit

Table C-2b: Off-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Residential Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Residential GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Residential Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Residential GW Volatilization to Indoor Air Criteria
AOI-48	Zone1	VOC	Acetone	67-64-1	TOTAL	ID	1				5.10E-04	5.10E-04	7.3E-01	3.1E+04	3.4E+04			
AOI-48	Zone1	VOC	Benzene	71-43-2	TOTAL	A	1				1.60E-04	1.60E-04	5.0E-03	1.1E+01	3.4E+00			
AOI-48	Zone1	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	1				1.70E-04	1.70E-04	1.0E-01	1.4E+01	4.2E+00			
AOI-48	Zone1	VOC	Bromoform	75-25-2	TOTAL	B2	1				1.80E-04	1.80E-04	1.0E-01	1.4E+02	1.8E+02			
AOI-48	Zone1	VOC	Bromomethane	74-83-9	TOTAL	D	1				2.00E-04	2.00E-04	1.0E-02	7.0E+01	5.0E+00			
AOI-48	Zone1	VOC	2-Butanone	78-93-3	TOTAL	ID	1				4.10E-04	4.10E-04	1.3E+01	2.4E+05	6.8E+04			
AOI-48	Zone1	VOC	Carbon Disulfide	75-15-0	TOTAL		1				2.00E-04	2.00E-04	8.0E-01	1.2E+03	2.8E+02			
AOI-48	Zone1	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	1				1.20E-04	1.20E-04	5.0E-03	4.6E+00	7.1E-01			
AOI-48	Zone1	VOC	Chlorobenzene	108-90-7	TOTAL	D	1				1.40E-04	1.40E-04	1.0E-01	8.6E+01	9.6E+01			
AOI-48	Zone1	VOC	Chloroethane	75-00-3	TOTAL		1				2.60E-04	2.60E-04	4.3E-01	4.4E+02	2.0E+04			
AOI-48	Zone1	VOC	Chloroform	67-66-3	TOTAL	B2	1				1.40E-04	1.40E-04	1.0E-01	1.5E+02	1.5E+00			
AOI-48	Zone1	VOC	Chloromethane	74-87-3	TOTAL	D	1				1.30E-04	1.30E-04	2.6E-01	4.9E+02	6.4E+01			
AOI-48	Zone1	VOC	Cumene	98-82-8	TOTAL	D	1				1.20E-04	1.20E-04	8.0E-01	5.6E+01	7.0E+01			
AOI-48	Zone1	VOC	Cyclohexane	110-82-7	TOTAL	ID	1				1.30E-04	1.30E-04			4.3E+03			
AOI-48	Zone1	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	1				6.20E-04	6.20E-04	2.0E-04	3.9E-01	5.3E+00			
AOI-48	Zone1	VOC	Dibromochloromethane	124-48-1	TOTAL	C	1				2.60E-04	2.60E-04	1.0E-01	1.8E+01	5.9E+00			
AOI-48	Zone1	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	1				2.20E-04	2.20E-04	1.0E-03	2.5E-02	5.5E-03			
AOI-48	Zone1	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	1				1.10E-04	1.10E-04	6.0E-01	1.6E+02	5.5E+02			
AOI-48	Zone1	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	1				1.50E-04	1.50E-04	6.6E-03	2.0E+00	2.7E+02			
AOI-48	Zone1	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	1				1.70E-04	1.70E-04	7.5E-02	6.4E+00	8.4E+00			
AOI-48	Zone1	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		1				2.60E-04	2.60E-04	1.7E+00	3.0E+02	4.0E+01			
AOI-48	Zone1	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	1				1.60E-04	1.60E-04	8.8E-01	2.4E+03	5.6E+02			
AOI-48	Zone1	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	1				2.10E-04	2.10E-04	5.0E-03	1.9E+01	4.0E+00			
AOI-48	Zone1	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	1				2.40E-04	2.40E-04	7.0E-03	1.1E+01	8.7E+01			
AOI-48	Zone1	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	1				2.20E-04	2.20E-04	7.0E-02	2.0E+02	4.9E+01			
AOI-48	Zone1	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		1				1.50E-04	1.50E-04	1.0E-01	2.2E+02	5.3E+01			
AOI-48	Zone1	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	1				1.70E-04	1.70E-04	5.0E-03	1.6E+01	2.3E+00			
AOI-48	Zone1	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	1				2.70E-04	2.70E-04	8.5E-03	5.5E+00	3.4E+00			
AOI-48	Zone1	VOC	Ethyl Benzene	100-41-4	TOTAL	D	1				1.20E-04	1.20E-04	7.0E-01	1.7E+02	9.9E+02			
AOI-48	Zone1	VOC	2-Hexanone	591-78-6	TOTAL		1				4.60E-04	4.60E-04	1.0E+00	5.2E+03				
AOI-48	Zone1	VOC	Methyl Acetate	79-20-9	TOTAL		1				4.10E-04	4.10E-04			1.5E+05			
AOI-48	Zone1	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		1				1.30E-04	1.30E-04	2.4E-01	6.1E+02	7.9E+02			
AOI-48	Zone1	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	1				2.30E-04	2.30E-04	1.8E+00	1.3E+04	8.6E+04			
AOI-48	Zone1	VOC	Methylcyclohexane	108-87-2	TOTAL		1				1.50E-04	1.50E-04			1.6E+03			
AOI-48	Zone1	VOC	Methylene Chloride	75-09-2	TOTAL	B2	1				3.40E-04	3.40E-04	5.0E-03	2.2E+02	1.1E+02			
AOI-48	Zone1	VOC	Styrene	100-42-5	TOTAL		1				1.50E-04	1.50E-04	1.0E-01	9.7E+00	2.0E+03			
AOI-48	Zone1	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	1				2.50E-04	2.50E-04	8.5E-03	4.7E+00	4.9E+00			
AOI-48	Zone1	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	1				2.30E-04	2.30E-04	5.0E-03	1.2E+01	4.6E+00			
AOI-48	Zone1	VOC	Toluene	108-88-3	TOTAL	D	1				1.80E-04	1.80E-04	1.0E+00	5.3E+02	4.2E+02			
AOI-48	Zone1	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	1				1.70E-04	1.70E-04	7.0E-02	1.9E+01	7.5E+02			
AOI-48	Zone1	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	1				1.50E-04	1.50E-04	2.0E-01	1.3E+03	1.3E+03			
AOI-48	Zone1	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	1				3.00E-04	3.00E-04	5.0E-03	2.1E+01	7.2E+00			
AOI-48	Zone1	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	1				1.40E-04	1.40E-04	5.0E-03	2.2E+01	1.1E+01			
AOI-48	Zone1	VOC	Trichlorofluoromethane	75-69-4	TOTAL		1				2.80E-04	2.80E-04	2.6E+00	1.1E+03	1.9E+02			
AOI-48	Zone1	VOC	1,1,2-Trichloro-1,2,2-trifluoroe	76-13-1	TOTAL		1				3.20E-04	3.20E-04	1.7E+02	1.7E+02	2.1E+04			
AOI-48	Zone1	VOC	Vinyl Chloride	75-01-4	TOTAL	A	1				1.50E-04	1.50E-04	2.0E-03	1.0E+00	1.0E+00			
AOI-48	Zone1	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	1				3.30E-04	3.30E-04	1.0E+01	1.9E+02	1.0E+02			

Table C-2b: Off-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Residential Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Residential GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Residential Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Residential GW Volatilization to Indoor Air Criteria
AOI-48	Zone1	SVOC	Acenaphthene	83-32-9	TOTAL		1				8.00E-04	8.00E-04	1.3E+00	4.2E+00	5.4E+03			
AOI-48	Zone1	SVOC	Acenaphthylene	208-96-8	TOTAL	D	1				7.10E-04	7.10E-04	5.2E-02	3.9E+00				
AOI-48	Zone1	SVOC	Acetophenone	98-86-2	TOTAL	D	1				2.60E-03	2.60E-03	1.5E+00	6.1E+03	1.2E+05			
AOI-48	Zone1	SVOC	Anthracene	120-12-7	TOTAL	D	1				6.80E-04	6.80E-04	4.3E-02	4.3E-02				
AOI-48	Zone1	SVOC	Atrazine	1912-24-9	TOTAL	C	1				2.50E-03	2.50E-03	3.0E-03	5.4E+00	5.1E+06			
AOI-48	Zone1	SVOC	Benzaldehyde	100-52-7	TOTAL		1				2.80E-03	2.80E-03			3.2E+04			
AOI-48	Zone1	SVOC	Benzo(a)anthracene	56-55-3	TOTAL	B2	1				7.00E-04	7.00E-04	2.1E-03	9.4E-03	1.2E+02			
AOI-48	Zone1	SVOC	Benzo(a)pyrene	50-32-8	TOTAL	B2	1				4.90E-05	4.90E-05	5.0E-03	2.0E-03	8.6E+01			
AOI-48	Zone1	SVOC	Benzo(b)fluoranthene	205-99-2	TOTAL	B2	1				9.40E-04	9.40E-04	2.0E-03	2.0E-03	4.1E+00			
AOI-48	Zone1	SVOC	Benzo(g,h,i)perylene	191-24-2	TOTAL	D	1				1.40E-05	1.40E-05	5.0E-03	5.0E-03	4.7E+05			
AOI-48	Zone1	SVOC	Benzo(k)fluoranthene	207-08-9	TOTAL	B2	1				4.30E-05	4.30E-05	5.0E-03	5.0E-03	5.0E+03			
AOI-48	Zone1	SVOC	Biphenyl	92-52-4	TOTAL	D	1				2.60E-03	2.60E-03						
AOI-48	Zone1	SVOC	bis(2-Chloroethoxy)methane	111-91-1	TOTAL	D	1				8.70E-04	8.70E-04						
AOI-48	Zone1	SVOC	bis(2-Chloroethyl) ether	111-44-4	TOTAL	B2	1				2.80E-05	2.80E-05	2.0E-03	5.7E+00	1.5E+01			
AOI-48	Zone1	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	TOTAL	B2	1				2.70E-03	2.70E-03	6.0E-03	3.2E-01	1.8E+05			
AOI-48	Zone1	SVOC	4-Bromophenyl-phenyl ether	101-55-3	TOTAL	D	1				8.80E-04	8.80E-04						
AOI-48	Zone1	SVOC	Butylbenzylphthalate	85-68-7	TOTAL	C	1				8.80E-04	8.80E-04	1.2E+00	2.7E+00	2.0E+06			
AOI-48	Zone1	SVOC	Caprolactam	105-60-2	TOTAL		1				2.50E-03	2.50E-03	5.8E+00	3.9E+05				
AOI-48	Zone1	SVOC	Carbazole	86-74-8	TOTAL	B2	1				8.20E-04	8.20E-04	8.5E-02	7.4E+00	1.4E+05			
AOI-48	Zone1	SVOC	4-Chloro-3-methylphenol	59-50-7	TOTAL		1				9.90E-04	9.90E-04	1.5E-01	7.9E+01				
AOI-48	Zone1	SVOC	4-Chloroaniline	106-47-8	TOTAL		1				6.10E-04	6.10E-04			1.4E+05			
AOI-48	Zone1	SVOC	2-Chloronaphthalene	91-58-7	TOTAL		1				8.50E-04	8.50E-04	1.8E+00	6.7E+00	3.8E+03			
AOI-48	Zone1	SVOC	2-Chlorophenol	95-57-8	TOTAL		1				1.00E-03	1.00E-03	4.5E-02	9.4E+01	1.9E+02			
AOI-48	Zone1	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3	TOTAL		1				7.90E-04	7.90E-04						
AOI-48	Zone1	SVOC	Chrysene	218-01-9	TOTAL	B2	1				4.20E-05	4.20E-05	5.0E-03	5.0E-03	4.7E+02			
AOI-48	Zone1	SVOC	Dibenz(a,h)anthracene	53-70-3	TOTAL	B2	1				7.90E-04	7.90E-04	2.0E-03	2.0E-03	5.0E+02			
AOI-48	Zone1	SVOC	Dibenzofuran	132-64-9	TOTAL	D	1				1.10E-03	1.10E-03			2.1E+03			
AOI-48	Zone1	SVOC	3,3'-Dichlorobenzidine	91-94-1	TOTAL	B2	1				2.40E-05	2.40E-05	1.1E-03	1.8E-01	6.7E+03			
AOI-48	Zone1	SVOC	2,4-Dichlorophenol	120-83-2	TOTAL		1				8.50E-04	8.50E-04	7.3E-02	4.8E+01	1.2E+04			
AOI-48	Zone1	SVOC	Diethylphthalate	84-66-2	TOTAL	D	1				6.50E-04	6.50E-04	5.5E+00	1.1E+03	2.3E+07			
AOI-48	Zone1	SVOC	2,4-Dimethylphenol	105-67-9	TOTAL		1				8.50E-04	8.50E-04	3.7E-01	5.2E+02	1.3E+05			
AOI-48	Zone1	SVOC	Dimethylphthalate	131-11-3	TOTAL	D	1				7.60E-04	7.60E-04	7.3E+01	4.2E+03				
AOI-48	Zone1	SVOC	Di-n-butylphthalate	84-74-2	TOTAL	D	1				6.70E-04	6.70E-04	8.8E-01	1.1E+01				
AOI-48	Zone1	SVOC	4,6-Dinitro-2-methylphenol	534-52-1	TOTAL		1				1.30E-03	1.30E-03	2.0E-02	9.5E+00				
AOI-48	Zone1	SVOC	2,4-Dinitrophenol	51-28-5	TOTAL		1				3.00E-03	3.00E-03						
AOI-48	Zone1	SVOC	2,4-Dinitrotoluene	121-14-2	TOTAL	B2	1				7.90E-04	7.90E-04	7.7E-03	8.6E+00	2.8E+03			
AOI-48	Zone1	SVOC	2,6-Dinitrotoluene	606-20-2	TOTAL	B2	1				5.70E-04	5.70E-04			5.9E+02			
AOI-48	Zone1	SVOC	Di-n-octylphthalate	117-84-0	TOTAL		1				1.10E-03	1.10E-03	1.3E-01	4.0E-01	4.3E+03			
AOI-48	Zone1	SVOC	Fluoranthene	206-44-0	TOTAL	D	1				2.00E-04	2.00E-04	2.1E-01	2.1E-01	3.3E+04			
AOI-48	Zone1	SVOC	Fluorene	86-73-7	TOTAL	D	1				1.00E-03	1.00E-03	8.8E-01	2.0E+00	8.5E+03			
AOI-48	Zone1	SVOC	Hexachlorobenzene	118-74-1	TOTAL	B2	1				7.40E-04	7.40E-04	1.0E-03	4.6E-03	2.0E-01			
AOI-48	Zone1	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	1				7.30E-04	7.30E-04	1.5E-02	4.0E-01	7.8E-01			
AOI-48	Zone1	SVOC	Hexachlorocyclopentadiene	77-47-4	TOTAL	E	1				1.10E-03	1.10E-03	5.0E-02	1.6E+00	1.5E-01			
AOI-48	Zone1	SVOC	Hexachloroethane	67-72-1	TOTAL	C	1				7.40E-04	7.40E-04	7.3E-03	1.9E+00	1.1E+01			
AOI-48	Zone1	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	TOTAL	B2	1				4.00E-05	4.00E-05	2.0E-03	2.0E-03	2.6E+02			
AOI-48	Zone1	SVOC	Isophorone	78-59-1	TOTAL	C	1				6.30E-04	6.30E-04	7.7E-01	9.9E+02	4.8E+04			
AOI-48	Zone1	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	1				6.40E-04	6.40E-04	2.6E-01	2.5E+01	2.6E+01			

Table C-2b: Off-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Residential Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Residential GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Residential Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Residential GW Volatilization to Indoor Air Criteria
AOI-48	Zone1	SVOC	Methylphenol (total)	1319-77-3	TOTAL		1				1.30E-03	1.30E-03	3.7E-01	8.1E+02				
AOI-48	Zone1	SVOC	Naphthalene	91-20-3	TOTAL	C	1				7.50E-04	7.50E-04	5.2E-01	3.1E+01	2.7E+01			
AOI-48	Zone1	SVOC	2-Nitroaniline	88-74-4	TOTAL		1				7.00E-04	7.00E-04			7.9E+00			
AOI-48	Zone1	SVOC	3-Nitroaniline	99-09-2	TOTAL	C	1				7.10E-04	7.10E-04			1.8E+04			
AOI-48	Zone1	SVOC	4-Nitroaniline	100-01-6	TOTAL	C	1				1.30E-03	1.30E-03			1.0E+05			
AOI-48	Zone1	SVOC	Nitrobenzene	98-95-3	TOTAL	D	1				4.00E-05	4.00E-05	3.4E-03	1.1E+01	3.1E+02			
AOI-48	Zone1	SVOC	2-Nitrophenol	88-75-5	TOTAL		1				2.10E-03	2.10E-03	2.0E-02	7.9E+01				
AOI-48	Zone1	SVOC	4-Nitrophenol	100-02-7	TOTAL		1				1.90E-03	1.90E-03			7.4E+05			
AOI-48	Zone1	SVOC	N-Nitrosodiphenylamine	86-30-6	TOTAL	B2	1				1.40E-03	1.40E-03	2.7E-01	3.5E+01	1.2E+04			
AOI-48	Zone1	SVOC	N-Nitroso-di-n-propylamine	621-64-7	TOTAL	B2	1				6.70E-04	6.70E-04	5.0E-03	3.6E-01	1.9E+01			
AOI-48	Zone1	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	TOTAL	C	1				7.80E-04	7.80E-04			7.9E+01			
AOI-48	Zone1	SVOC	Pentachlorophenol	87-86-5	TOTAL	B2	1				1.30E-04	1.30E-04	1.0E-03	2.0E-01	2.5E+04			
AOI-48	Zone1	SVOC	Phenanthrene	85-01-8	TOTAL	D	1				8.20E-04	8.20E-04	5.2E-02	1.0E+00	1.7E+04			
AOI-48	Zone1	SVOC	Phenol	108-95-2	TOTAL	ID	1				2.60E-03	2.60E-03	4.4E+00	2.9E+04				
AOI-48	Zone1	SVOC	Pyrene	129-00-0	TOTAL	D	1				1.10E-03	1.10E-03	1.4E-01	1.4E-01	3.5E+04			
AOI-48	Zone1	SVOC	2,4,5-Trichlorophenol	95-95-4	TOTAL		1				1.20E-03	1.20E-03	7.3E-01	1.7E+02				
AOI-48	Zone1	SVOC	2,4,6-Trichlorophenol	88-06-2	TOTAL	B2	1				1.70E-03	1.70E-03	1.2E-01	1.0E+01	3.6E+03			
AOI-48	Zone1	P/PCB	PCBs (total)	1336-36-3	TOTAL	B2	1				8.20E-05	8.20E-05	5.0E-04	3.3E-03	8.2E-02			
AOI-48	Zone1	INORG	Aluminum	7429-90-5	TOTAL	D	1	1	5.10E+00	5.10E+00			3.0E-01	6.4E+04		**1.7E+01**	8.0E-05	
AOI-48	Zone1	INORG	Antimony	7440-36-0	TOTAL		1				3.40E-03	3.40E-03	6.0E-03	6.8E+01				
AOI-48	Zone1	INORG	Arsenic	7440-38-2	TOTAL	A	1	1	3.00E-03	3.00E-03			5.0E-02	4.3E+00		6.0E-02	7.0E-04	
AOI-48	Zone1	INORG	Barium	7440-39-3	TOTAL	D	1	1	6.00E-02	6.00E-02			2.0E+00	1.4E+04		3.0E-02	4.3E-06	
AOI-48	Zone1	INORG	Beryllium	7440-41-7	TOTAL	B1	1				6.00E-04	6.00E-04	4.0E-03	2.9E+02				
AOI-48	Zone1	INORG	Cadmium	7440-43-9	TOTAL	B1	1				2.80E-04	2.80E-04	5.0E-03	1.9E+02				
AOI-48	Zone1	INORG	Chromium (total)	7440-47-3	TOTAL		1	1	7.10E-03	7.10E-03			1.0E-01	4.6E+02		7.1E-02	1.5E-05	
AOI-48	Zone1	INORG	Cobalt	7440-48-4	TOTAL	B1	1	1	3.20E-03	3.20E-03			4.0E-02	2.4E+03		8.0E-02	1.3E-06	
AOI-48	Zone1	INORG	Copper	7440-50-8	TOTAL	D	1	1	1.30E-02	1.30E-02			1.4E+00	7.4E+03		9.3E-03	1.8E-06	
AOI-48	Zone1	INORG	Cyanide (total)	57-12-5	TOTAL	D	1				1.80E-03	1.80E-03	2.0E-01	5.7E+01				
AOI-48	Zone1	INORG	Iron	7439-89-6	TOTAL	D	1	1	6.60E+00	6.60E+00			2.0E+00	5.8E+04		**3.3E+00**	1.1E-04	
AOI-48	Zone1	INORG	Lead	7439-92-1	TOTAL	B2	1	1	6.50E-03	6.50E-03			4.0E-03			**1.6E+00**		
AOI-48	Zone1	INORG	Magnesium	7439-95-4	TOTAL		1	1	1.62E+01	1.62E+01			4.0E+02	1.0E+06		4.1E-02	1.6E-05	
AOI-48	Zone1	INORG	Manganese	7439-96-5	TOTAL	D	1	1	6.40E-01	6.40E-01			8.6E-01	9.1E+03		7.4E-01	7.0E-05	
AOI-48	Zone1	INORG	Mercury	7439-97-6	TOTAL	D	1	1	1.30E-04	1.30E-04			2.0E-03	5.6E-02	4.0E-01	6.5E-02	2.3E-03	3.3E-04
AOI-48	Zone1	INORG	Nickel	7440-02-0	TOTAL	A	1	1	1.00E-02	1.00E-02			1.0E-01	7.4E+04		1.0E-01	1.4E-07	
AOI-48	Zone1	INORG	Selenium	7782-49-2	TOTAL	D	1				4.70E-03	4.70E-03	5.0E-02	9.7E+02				
AOI-48	Zone1	INORG	Silver	7440-22-4	TOTAL	D	1				1.30E-04	1.30E-04	3.4E-02	1.5E+03				
AOI-48	Zone1	INORG	Sodium	7440-23-5	TOTAL		1	1	2.18E+02	2.18E+02			1.2E+02	1.0E+06		**1.8E+00**	2.2E-04	
AOI-48	Zone1	INORG	Thallium	7440-28-0	TOTAL		1				3.30E-05	3.30E-05	2.0E-03	1.3E+01				
AOI-48	Zone1	INORG	Vanadium	7440-62-2	TOTAL		1	1	9.70E-03	9.70E-03			4.5E-03	9.7E+02		**2.2E+00**	1.0E-05	
AOI-48	Zone1	INORG	Zinc	7440-66-6	TOTAL	D	1	1	1.10E-01	1.10E-01			2.4E+00	1.1E+05		4.6E-02	1.0E-06	
AOI-48	Zone2	VOC	Acetone	67-64-1	TOTAL	ID	1				5.10E-04	5.10E-04	7.3E-01	3.1E+04	3.4E+04			
AOI-48	Zone2	VOC	Benzene	71-43-2	TOTAL	A	1				1.60E-04	1.60E-04	5.0E-03	1.1E+01	3.4E+00			
AOI-48	Zone2	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	1				1.70E-04	1.70E-04	1.0E-01	1.4E+01	4.2E+00			
AOI-48	Zone2	VOC	Bromoform	75-25-2	TOTAL	B2	1				1.80E-04	1.80E-04	1.0E-01	1.4E+02	1.8E+02			
AOI-48	Zone2	VOC	Bromomethane	74-83-9	TOTAL	D	1				2.00E-04	2.00E-04	1.0E-02	7.0E+01	5.0E+00			
AOI-48	Zone2	VOC	2-Butanone	78-93-3	TOTAL	ID	1				4.10E-04	4.10E-04	1.3E+01	2.4E+05	6.8E+04			
AOI-48	Zone2	VOC	Carbon Disulfide	75-15-0	TOTAL		1				2.00E-04	2.00E-04	8.0E-01	1.2E+03	2.8E+02			

Table C-2b: Off-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Residential Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Residential GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Residential Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Residential GW Volatilization to Indoor Air Criteria
AOI-48	Zone2	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	1				1.20E-04	1.20E-04	5.0E-03	4.6E+00	7.1E-01			
AOI-48	Zone2	VOC	Chlorobenzene	108-90-7	TOTAL	D	1				1.40E-04	1.40E-04	1.0E-01	8.6E+01	9.6E+01			
AOI-48	Zone2	VOC	Chloroethane	75-00-3	TOTAL		1				2.60E-04	2.60E-04	4.3E-01	4.4E+02	2.0E+04			
AOI-48	Zone2	VOC	Chloroform	67-66-3	TOTAL	B2	1				1.40E-04	1.40E-04	1.0E-01	1.5E+02	1.5E+00			
AOI-48	Zone2	VOC	Chloromethane	74-87-3	TOTAL	D	1				1.30E-04	1.30E-04	2.6E-01	4.9E+02	6.4E+01			
AOI-48	Zone2	VOC	Cumene	98-82-8	TOTAL	D	1				1.20E-04	1.20E-04	8.0E-01	5.6E+01	7.0E+01			
AOI-48	Zone2	VOC	Cyclohexane	110-82-7	TOTAL	ID	1				1.30E-04	1.30E-04			4.3E+03			
AOI-48	Zone2	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	1				6.20E-04	6.20E-04	2.0E-04	3.9E-01	5.3E+00			
AOI-48	Zone2	VOC	Dibromochloromethane	124-48-1	TOTAL	C	1				2.60E-04	2.60E-04	1.0E-01	1.8E+01	5.9E+00			
AOI-48	Zone2	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	1				2.20E-04	2.20E-04	1.0E-03	2.5E-02	5.5E-03			
AOI-48	Zone2	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	1				1.10E-04	1.10E-04	6.0E-01	1.6E+02	5.5E+02			
AOI-48	Zone2	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	1				1.50E-04	1.50E-04	6.6E-03	2.0E+00	2.7E+02			
AOI-48	Zone2	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	1				1.70E-04	1.70E-04	7.5E-02	6.4E+00	8.4E+00			
AOI-48	Zone2	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		1				2.60E-04	2.60E-04	1.7E+00	3.0E+02	4.0E+01			
AOI-48	Zone2	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	1				1.60E-04	1.60E-04	8.8E-01	2.4E+03	5.6E+02			
AOI-48	Zone2	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	1				2.10E-04	2.10E-04	5.0E-03	1.9E+01	4.0E+00			
AOI-48	Zone2	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	1				2.40E-04	2.40E-04	7.0E-03	1.1E+01	8.7E+01			
AOI-48	Zone2	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	1				2.20E-04	2.20E-04	7.0E-02	2.0E+02	4.9E+01			
AOI-48	Zone2	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		1				1.50E-04	1.50E-04	1.0E-01	2.2E+02	5.3E+01			
AOI-48	Zone2	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	1				1.70E-04	1.70E-04	5.0E-03	1.6E+01	2.3E+00			
AOI-48	Zone2	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	1				2.70E-04	2.70E-04	8.5E-03	5.5E+00	3.4E+00			
AOI-48	Zone2	VOC	Ethyl Benzene	100-41-4	TOTAL	D	1				1.20E-04	1.20E-04	7.0E-01	1.7E+02	9.9E+02			
AOI-48	Zone2	VOC	2-Hexanone	591-78-6	TOTAL		1				4.60E-04	4.60E-04	1.0E+00	5.2E+03				
AOI-48	Zone2	VOC	Methyl Acetate	79-20-9	TOTAL		1				4.10E-04	4.10E-04			1.5E+05			
AOI-48	Zone2	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		1				1.30E-04	1.30E-04	2.4E-01	6.1E+02	7.9E+02			
AOI-48	Zone2	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	1				2.30E-04	2.30E-04	1.8E+00	1.3E+04	8.6E+04			
AOI-48	Zone2	VOC	Methylcyclohexane	108-87-2	TOTAL		1				1.50E-04	1.50E-04			1.6E+03			
AOI-48	Zone2	VOC	Methylene Chloride	75-09-2	TOTAL	B2	1				3.40E-04	3.40E-04	5.0E-03	2.2E+02	1.1E+02			
AOI-48	Zone2	VOC	Styrene	100-42-5	TOTAL		1				1.50E-04	1.50E-04	1.0E-01	9.7E+00	2.0E+03			
AOI-48	Zone2	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	1				2.50E-04	2.50E-04	8.5E-03	4.7E+00	4.9E+00			
AOI-48	Zone2	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	1				2.30E-04	2.30E-04	5.0E-03	1.2E+01	4.6E+00			
AOI-48	Zone2	VOC	Toluene	108-88-3	TOTAL	D	1				1.80E-04	1.80E-04	1.0E+00	5.3E+02	4.2E+02			
AOI-48	Zone2	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	1				1.70E-04	1.70E-04	7.0E-02	1.9E+01	7.5E+02			
AOI-48	Zone2	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	1				1.50E-04	1.50E-04	2.0E-01	1.3E+03	1.3E+03			
AOI-48	Zone2	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	1				3.00E-04	3.00E-04	5.0E-03	2.1E+01	7.2E+00			
AOI-48	Zone2	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	1				1.40E-04	1.40E-04	5.0E-03	2.2E+01	1.1E+01			
AOI-48	Zone2	VOC	Trichlorofluoromethane	75-69-4	TOTAL		1				2.80E-04	2.80E-04	2.6E+00	1.1E+03	1.9E+02			
AOI-48	Zone2	VOC	1,1,2-Trichloro-1,2,2-trifluoroe	76-13-1	TOTAL		1				3.20E-04	3.20E-04	1.7E+02	1.7E+02	2.1E+04			
AOI-48	Zone2	VOC	Vinyl Chloride	75-01-4	TOTAL	A	1				1.50E-04	1.50E-04	2.0E-03	1.0E+00	1.0E+00			
AOI-48	Zone2	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	1				3.30E-04	3.30E-04	1.0E+01	1.9E+02	1.0E+02			
AOI-48	Zone2	SVOC	Acenaphthene	83-32-9	TOTAL		1				8.00E-04	8.00E-04	1.3E+00	4.2E+00	5.4E+03			
AOI-48	Zone2	SVOC	Acenaphthylene	208-96-8	TOTAL	D	1				7.10E-04	7.10E-04	5.2E-02	3.9E+00				
AOI-48	Zone2	SVOC	Acetophenone	98-86-2	TOTAL	D	1				2.60E-03	2.60E-03	1.5E+00	6.1E+03	1.2E+05			
AOI-48	Zone2	SVOC	Anthracene	120-12-7	TOTAL	D	1				6.80E-04	6.80E-04	4.3E-02	4.3E-02				
AOI-48	Zone2	SVOC	Atrazine	1912-24-9	TOTAL	C	1				2.50E-03	2.50E-03	3.0E-03	5.4E+00	5.1E+06			
AOI-48	Zone2	SVOC	Benzaldehyde	100-52-7	TOTAL		1				2.80E-03	2.80E-03			3.2E+04			
AOI-48	Zone2	SVOC	Benzo(a)anthracene	56-55-3	TOTAL	B2	1				7.00E-04	7.00E-04	2.1E-03	9.4E-03	1.2E+02			

Table C-2b: Off-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Residential Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Residential GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Residential Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Residential GW Volatilization to Indoor Air Criteria
AOI-48	Zone2	SVOC	Benzo(a)pyrene	50-32-8	TOTAL	B2	1				4.90E-05	4.90E-05	5.0E-03	2.0E-03	8.6E+01			
AOI-48	Zone2	SVOC	Benzo(b)fluoranthene	205-99-2	TOTAL	B2	1				9.40E-04	9.40E-04	2.0E-03	2.0E-03	4.1E+00			
AOI-48	Zone2	SVOC	Benzo(g,h,i)perylene	191-24-2	TOTAL	D	1				1.40E-05	1.40E-05	5.0E-03	5.0E-03	4.7E+05			
AOI-48	Zone2	SVOC	Benzo(k)fluoranthene	207-08-9	TOTAL	B2	1				4.30E-05	4.30E-05	5.0E-03	5.0E-03	5.0E+03			
AOI-48	Zone2	SVOC	Biphenyl	92-52-4	TOTAL	D	1				2.60E-03	2.60E-03						
AOI-48	Zone2	SVOC	bis(2-Chloroethoxy)methane	111-91-1	TOTAL	D	1				8.70E-04	8.70E-04						
AOI-48	Zone2	SVOC	bis(2-Chloroethyl) ether	111-44-4	TOTAL	B2	1				2.80E-05	2.80E-05	2.0E-03	5.7E+00	1.5E+01			
AOI-48	Zone2	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	TOTAL	B2	1				2.70E-03	2.70E-03	6.0E-03	3.2E-01	1.8E+05			
AOI-48	Zone2	SVOC	4-Bromophenyl-phenyl ether	101-55-3	TOTAL	D	1				8.80E-04	8.80E-04						
AOI-48	Zone2	SVOC	Butylbenzylphthalate	85-68-7	TOTAL	C	1				8.80E-04	8.80E-04	1.2E+00	2.7E+00	2.0E+06			
AOI-48	Zone2	SVOC	Caprolactam	105-60-2	TOTAL		1				2.50E-03	2.50E-03	5.8E+00	3.9E+05				
AOI-48	Zone2	SVOC	Carbazole	86-74-8	TOTAL	B2	1				8.20E-04	8.20E-04	8.5E-02	7.4E+00	1.4E+05			
AOI-48	Zone2	SVOC	4-Chloro-3-methylphenol	59-50-7	TOTAL		1				9.90E-04	9.90E-04	1.5E-01	7.9E+01				
AOI-48	Zone2	SVOC	4-Chloroaniline	106-47-8	TOTAL		1				6.10E-04	6.10E-04			1.4E+05			
AOI-48	Zone2	SVOC	2-Chloronaphthalene	91-58-7	TOTAL		1				8.50E-04	8.50E-04	1.8E+00	6.7E+00	3.8E+03			
AOI-48	Zone2	SVOC	2-Chlorophenol	95-57-8	TOTAL		1				1.00E-03	1.00E-03	4.5E-02	9.4E+01	1.9E+02			
AOI-48	Zone2	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3	TOTAL		1				7.90E-04	7.90E-04						
AOI-48	Zone2	SVOC	Chrysene	218-01-9	TOTAL	B2	1				4.20E-05	4.20E-05	5.0E-03	5.0E-03	4.7E+02			
AOI-48	Zone2	SVOC	Dibenz(a,h)anthracene	53-70-3	TOTAL	B2	1				7.90E-04	7.90E-04	2.0E-03	2.0E-03	5.0E+02			
AOI-48	Zone2	SVOC	Dibenzofuran	132-64-9	TOTAL	D	1				1.10E-03	1.10E-03			2.1E+03			
AOI-48	Zone2	SVOC	3,3'-Dichlorobenzidine	91-94-1	TOTAL	B2	1				2.40E-05	2.40E-05	1.1E-03	1.8E-01	6.7E+03			
AOI-48	Zone2	SVOC	2,4-Dichlorophenol	120-83-2	TOTAL		1				8.50E-04	8.50E-04	7.3E-02	4.8E+01	1.2E+04			
AOI-48	Zone2	SVOC	Diethylphthalate	84-66-2	TOTAL	D	1				6.50E-04	6.50E-04	5.5E+00	1.1E+03	2.3E+07			
AOI-48	Zone2	SVOC	2,4-Dimethylphenol	105-67-9	TOTAL		1				8.50E-04	8.50E-04	3.7E-01	5.2E+02	1.3E+05			
AOI-48	Zone2	SVOC	Dimethylphthalate	131-11-3	TOTAL	D	1				7.60E-04	7.60E-04	7.3E+01	4.2E+03				
AOI-48	Zone2	SVOC	Di-n-butylphthalate	84-74-2	TOTAL	D	1				6.70E-04	6.70E-04	8.8E-01	1.1E+01				
AOI-48	Zone2	SVOC	4,6-Dinitro-2-methylphenol	534-52-1	TOTAL		1				1.30E-03	1.30E-03	2.0E-02	9.5E+00				
AOI-48	Zone2	SVOC	2,4-Dinitrophenol	51-28-5	TOTAL		1				3.00E-03	3.00E-03						
AOI-48	Zone2	SVOC	2,4-Dinitrotoluene	121-14-2	TOTAL	B2	1				7.90E-04	7.90E-04	7.7E-03	8.6E+00	2.8E+03			
AOI-48	Zone2	SVOC	2,6-Dinitrotoluene	606-20-2	TOTAL	B2	1				5.70E-04	5.70E-04			5.9E+02			
AOI-48	Zone2	SVOC	Di-n-octylphthalate	117-84-0	TOTAL		1				1.10E-03	1.10E-03	1.3E-01	4.0E-01	4.3E+03			
AOI-48	Zone2	SVOC	Fluoranthene	206-44-0	TOTAL	D	1				2.00E-04	2.00E-04	2.1E-01	2.1E-01	3.3E+04			
AOI-48	Zone2	SVOC	Fluorene	86-73-7	TOTAL	D	1				1.00E-03	1.00E-03	8.8E-01	2.0E+00	8.5E+03			
AOI-48	Zone2	SVOC	Hexachlorobenzene	118-74-1	TOTAL	B2	1				7.40E-04	7.40E-04	1.0E-03	4.6E-03	2.0E-01			
AOI-48	Zone2	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	1				7.30E-04	7.30E-04	1.5E-02	4.0E-01	7.8E-01			
AOI-48	Zone2	SVOC	Hexachlorocyclopentadiene	77-47-4	TOTAL	E	1				1.10E-03	1.10E-03	5.0E-02	1.6E+00	1.5E-01			
AOI-48	Zone2	SVOC	Hexachloroethane	67-72-1	TOTAL	C	1				7.40E-04	7.40E-04	7.3E-03	1.9E+00	1.1E+01			
AOI-48	Zone2	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	TOTAL	B2	1				4.00E-05	4.00E-05	2.0E-03	2.0E-03	2.6E+02			
AOI-48	Zone2	SVOC	Isophorone	78-59-1	TOTAL	C	1				6.30E-04	6.30E-04	7.7E-01	9.9E+02	4.8E+04			
AOI-48	Zone2	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	1				6.40E-04	6.40E-04	2.6E-01	2.5E+01	2.6E+01			
AOI-48	Zone2	SVOC	Methylphenol (total)	1319-77-3	TOTAL		1				1.30E-03	1.30E-03	3.7E-01	8.1E+02				
AOI-48	Zone2	SVOC	Naphthalene	91-20-3	TOTAL	C	1				7.50E-04	7.50E-04	5.2E-01	3.1E+01	2.7E+01			
AOI-48	Zone2	SVOC	2-Nitroaniline	88-74-4	TOTAL		1				7.00E-04	7.00E-04			7.9E+00			
AOI-48	Zone2	SVOC	3-Nitroaniline	99-09-2	TOTAL	C	1				7.10E-04	7.10E-04			1.8E+04			
AOI-48	Zone2	SVOC	4-Nitroaniline	100-01-6	TOTAL	C	1				1.30E-03	1.30E-03			1.0E+05			
AOI-48	Zone2	SVOC	Nitrobenzene	98-95-3	TOTAL	D	1				4.00E-05	4.00E-05	3.4E-03	1.1E+01	3.1E+02			
AOI-48	Zone2	SVOC	2-Nitrophenol	88-75-5	TOTAL		1				2.10E-03	2.10E-03	2.0E-02	7.9E+01				

Table C-2b: Off-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Residential Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Residential GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Residential Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Residential GW Volatilization to Indoor Air Criteria
AOI-48	Zone2	SVOC	4-Nitrophenol	100-02-7	TOTAL		1				1.90E-03	1.90E-03			7.4E+05			
AOI-48	Zone2	SVOC	N-Nitrosodiphenylamine	86-30-6	TOTAL	B2	1				1.40E-03	1.40E-03	2.7E-01	3.5E+01	1.2E+04			
AOI-48	Zone2	SVOC	N-Nitroso-di-n-propylamine	621-64-7	TOTAL	B2	1				6.70E-04	6.70E-04	5.0E-03	3.6E-01	1.9E+01			
AOI-48	Zone2	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	TOTAL	C	1				7.80E-04	7.80E-04			7.9E+01			
AOI-48	Zone2	SVOC	Pentachlorophenol	87-86-5	TOTAL	B2	1				1.30E-04	1.30E-04	1.0E-03	2.0E-01	2.5E+04			
AOI-48	Zone2	SVOC	Phenanthrene	85-01-8	TOTAL	D	1				8.20E-04	8.20E-04	5.2E-02	1.0E+00	1.7E+04			
AOI-48	Zone2	SVOC	Phenol	108-95-2	TOTAL	ID	1				2.60E-03	2.60E-03	4.4E+00	2.9E+04				
AOI-48	Zone2	SVOC	Pyrene	129-00-0	TOTAL	D	1				1.10E-03	1.10E-03	1.4E-01	1.4E-01	3.5E+04			
AOI-48	Zone2	SVOC	2,4,5-Trichlorophenol	95-95-4	TOTAL		1				1.20E-03	1.20E-03	7.3E-01	1.7E+02				
AOI-48	Zone2	SVOC	2,4,6-Trichlorophenol	88-06-2	TOTAL	B2	1				1.70E-03	1.70E-03	1.2E-01	1.0E+01	3.6E+03			
AOI-48	Zone2	P/PCB	PCBs (total)	1336-36-3	TOTAL	B2	1				8.20E-05	8.20E-05	5.0E-04	3.3E-03	8.2E-02			
AOI-48	Zone2	INORG	Aluminum	7429-90-5	TOTAL	D	1	1	8.70E-02	8.70E-02			3.0E-01	6.4E+04		2.9E-01	1.4E-06	
AOI-48	Zone2	INORG	Antimony	7440-36-0	TOTAL		1				3.40E-03	3.40E-03	6.0E-03	6.8E+01				
AOI-48	Zone2	INORG	Arsenic	7440-38-2	TOTAL	A	1				2.10E-03	2.10E-03	5.0E-02	4.3E+00				
AOI-48	Zone2	INORG	Barium	7440-39-3	TOTAL	D	1	1	4.70E-02	4.70E-02			2.0E+00	1.4E+04		2.4E-02	3.4E-06	
AOI-48	Zone2	INORG	Beryllium	7440-41-7	TOTAL	B1	1				6.00E-04	6.00E-04	4.0E-03	2.9E+02				
AOI-48	Zone2	INORG	Cadmium	7440-43-9	TOTAL	B1	1				2.80E-04	2.80E-04	5.0E-03	1.9E+02				
AOI-48	Zone2	INORG	Chromium (total)	7440-47-3	TOTAL		1				1.50E-03	1.50E-03	1.0E-01	4.6E+02				
AOI-48	Zone2	INORG	Cobalt	7440-48-4	TOTAL	B1	1	1	1.30E-03	1.30E-03			4.0E-02	2.4E+03		3.3E-02	5.4E-07	
AOI-48	Zone2	INORG	Copper	7440-50-8	TOTAL	D	1				1.70E-03	1.70E-03	1.4E+00	7.4E+03				
AOI-48	Zone2	INORG	Cyanide (total)	57-12-5	TOTAL	D	1				1.80E-03	1.80E-03	2.0E-01	5.7E+01				
AOI-48	Zone2	INORG	Iron	7439-89-6	TOTAL	D	1	1	6.90E-01	6.90E-01			2.0E+00	5.8E+04		3.5E-01	1.2E-05	
AOI-48	Zone2	INORG	Lead	7439-92-1	TOTAL	B2	1				1.60E-03	1.60E-03	4.0E-03					
AOI-48	Zone2	INORG	Magnesium	7439-95-4	TOTAL		1	1	6.70E+01	6.70E+01			4.0E+02	1.0E+06		1.7E-01	6.7E-05	
AOI-48	Zone2	INORG	Manganese	7439-96-5	TOTAL	D	1	1	3.40E-01	3.40E-01			8.6E-01	9.1E+03		4.0E-01	3.7E-05	
AOI-48	Zone2	INORG	Mercury	7439-97-6	TOTAL	D	1				8.70E-05	8.70E-05	2.0E-03	5.6E-02	4.0E-01			
AOI-48	Zone2	INORG	Nickel	7440-02-0	TOTAL	A	1				2.90E-03	2.90E-03	1.0E-01	7.4E+04				
AOI-48	Zone2	INORG	Selenium	7782-49-2	TOTAL	D	1				4.70E-03	4.70E-03	5.0E-02	9.7E+02				
AOI-48	Zone2	INORG	Silver	7440-22-4	TOTAL	D	1				1.30E-04	1.30E-04	3.4E-02	1.5E+03				
AOI-48	Zone2	INORG	Sodium	7440-23-5	TOTAL		1	1	1.61E+02	1.61E+02			1.2E+02	1.0E+06		**1.3E+00**	1.6E-04	
AOI-48	Zone2	INORG	Thallium	7440-28-0	TOTAL		1	1	1.40E-04	1.40E-04			2.0E-03	1.3E+01		7.0E-02	1.1E-05	
AOI-48	Zone2	INORG	Vanadium	7440-62-2	TOTAL		1				3.40E-04	3.40E-04	4.5E-03	9.7E+02				
AOI-48	Zone2	INORG	Zinc	7440-66-6	TOTAL	D	1	1	1.90E-01	1.90E-01			2.4E+00	1.1E+05		7.9E-02	1.7E-06	
AOI-48 (NW)	Zone1	VOC	Acetone	67-64-1	TOTAL	ID	3				1.10E-03	2.80E-03	7.3E-01	3.1E+04	3.4E+04			
AOI-48 (NW)	Zone1	VOC	Benzene	71-43-2	TOTAL	A	3				3.70E-04	9.20E-04	5.0E-03	1.1E+01	3.4E+00			
AOI-48 (NW)	Zone1	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	3				3.20E-04	8.00E-04	1.0E-01	1.4E+01	4.2E+00			
AOI-48 (NW)	Zone1	VOC	Bromoform	75-25-2	TOTAL	B2	3				3.70E-04	9.20E-04	1.0E-01	1.4E+02	1.8E+02			
AOI-48 (NW)	Zone1	VOC	Bromomethane	74-83-9	TOTAL	D	3				3.00E-04	7.50E-04	1.0E-02	7.0E+01	5.0E+00			
AOI-48 (NW)	Zone1	VOC	2-Butanone	78-93-3	TOTAL	ID	3				5.90E-04	1.50E-03	1.3E+01	2.4E+05	6.8E+04			
AOI-48 (NW)	Zone1	VOC	Carbon Disulfide	75-15-0	TOTAL		3				2.40E-04	6.00E-04	8.0E-01	1.2E+03	2.8E+02			
AOI-48 (NW)	Zone1	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	3				3.70E-04	9.20E-04	5.0E-03	4.6E+00	7.1E-01			
AOI-48 (NW)	Zone1	VOC	Chlorobenzene	108-90-7	TOTAL	D	3				3.80E-04	9.50E-04	1.0E-01	8.6E+01	9.6E+01			
AOI-48 (NW)	Zone1	VOC	Chloroethane	75-00-3	TOTAL		3				2.90E-04	7.20E-04	4.3E-01	4.4E+02	2.0E+04			
AOI-48 (NW)	Zone1	VOC	Chloroform	67-66-3	TOTAL	B2	3				3.50E-04	8.80E-04	1.0E-01	1.5E+02	1.5E+00			
AOI-48 (NW)	Zone1	VOC	Chloromethane	74-87-3	TOTAL	D	3				4.90E-04	1.20E-03	2.6E-01	4.9E+02	6.4E+01			
AOI-48 (NW)	Zone1	VOC	Cumene	98-82-8	TOTAL	D	3				3.90E-04	9.80E-04	8.0E-01	5.6E+01	7.0E+01			
AOI-48 (NW)	Zone1	VOC	Cyclohexane	110-82-7	TOTAL	ID	3				3.30E-04	8.20E-04			4.3E+03			

Table C-2b: Off-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Residential Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Residential GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Residential Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Residential GW Volatilization to Indoor Air Criteria
AOI-48 (NW)	Zone1	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	3				8.20E-04	2.00E-03	2.0E-04	3.9E-01	5.3E+00			
AOI-48 (NW)	Zone1	VOC	Dibromochloromethane	124-48-1	TOTAL	C	3				3.70E-04	9.20E-04	1.0E-01	1.8E+01	5.9E+00			
AOI-48 (NW)	Zone1	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	3				3.40E-04	8.50E-04	1.0E-03	2.5E-02	5.5E-03			
AOI-48 (NW)	Zone1	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	3				3.80E-04	9.50E-04	6.0E-01	1.6E+02	5.5E+02			
AOI-48 (NW)	Zone1	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	3				3.80E-04	9.50E-04	6.6E-03	2.0E+00	2.7E+02			
AOI-48 (NW)	Zone1	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	3				3.80E-04	9.50E-04	7.5E-02	6.4E+00	8.4E+00			
AOI-48 (NW)	Zone1	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		3				4.90E-04	1.20E-03	1.7E+00	3.0E+02	4.0E+01			
AOI-48 (NW)	Zone1	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	3				3.00E-04	7.50E-04	8.8E-01	2.4E+03	5.6E+02			
AOI-48 (NW)	Zone1	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	3				2.80E-04	7.00E-04	5.0E-03	1.9E+01	4.0E+00			
AOI-48 (NW)	Zone1	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	3				3.10E-04	7.80E-04	7.0E-03	1.1E+01	8.7E+01			
AOI-48 (NW)	Zone1	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	3	1	8.30E-02	8.30E-02	3.50E-04	3.50E-04	7.0E-02	2.0E+02	4.9E+01	**1.2E+00**	4.2E-04	1.7E-03
AOI-48 (NW)	Zone1	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		3	1	1.20E-03	1.20E-03	3.30E-04	3.30E-04	1.0E-01	2.2E+02	5.3E+01	1.2E-02	5.5E-06	2.2E-05
AOI-48 (NW)	Zone1	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	3				4.10E-04	1.00E-03	5.0E-03	1.6E+01	2.3E+00			
AOI-48 (NW)	Zone1	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	3				3.50E-04	8.80E-04	8.5E-03	5.5E+00	3.4E+00			
AOI-48 (NW)	Zone1	VOC	Ethyl Benzene	100-41-4	TOTAL	D	3				4.10E-04	1.00E-03	7.0E-01	1.7E+02	9.9E+02			
AOI-48 (NW)	Zone1	VOC	2-Hexanone	591-78-6	TOTAL		3				5.80E-04	1.40E-03	1.0E+00	5.2E+03				
AOI-48 (NW)	Zone1	VOC	Methyl Acetate	79-20-9	TOTAL		3				5.40E-04	1.40E-03			1.5E+05			
AOI-48 (NW)	Zone1	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		3				2.70E-04	6.80E-04	2.4E-01	6.1E+02	7.9E+02			
AOI-48 (NW)	Zone1	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	3				2.60E-04	6.50E-04	1.8E+00	1.3E+04	8.6E+04			
AOI-48 (NW)	Zone1	VOC	Methylcyclohexane	108-87-2	TOTAL		3				4.20E-04	1.00E-03			1.6E+03			
AOI-48 (NW)	Zone1	VOC	Methylene Chloride	75-09-2	TOTAL	B2	3				2.90E-04	7.20E-04	5.0E-03	2.2E+02	1.1E+02			
AOI-48 (NW)	Zone1	VOC	Styrene	100-42-5	TOTAL		3				3.50E-04	8.80E-04	1.0E-01	9.7E+00	2.0E+03			
AOI-48 (NW)	Zone1	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	3				3.60E-04	9.00E-04	8.5E-03	4.7E+00	4.9E+00			
AOI-48 (NW)	Zone1	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	3				4.20E-04	1.00E-03	5.0E-03	1.2E+01	4.6E+00			
AOI-48 (NW)	Zone1	VOC	Toluene	108-88-3	TOTAL	D	3				3.90E-04	9.80E-04	1.0E+00	5.3E+02	4.2E+02			
AOI-48 (NW)	Zone1	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	3				4.00E-04	1.00E-03	7.0E-02	1.9E+01	7.5E+02			
AOI-48 (NW)	Zone1	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	3				3.90E-04	9.80E-04	2.0E-01	1.3E+03	1.3E+03			
AOI-48 (NW)	Zone1	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	3				3.60E-04	9.00E-04	5.0E-03	2.1E+01	7.2E+00			
AOI-48 (NW)	Zone1	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	3	1	4.20E-02	4.20E-02	4.20E-04	4.20E-04	5.0E-03	2.2E+01	1.1E+01	**8.4E+00**	1.9E-03	3.9E-03
AOI-48 (NW)	Zone1	VOC	Trichlorofluoromethane	75-69-4	TOTAL		3				5.40E-04	1.40E-03	2.6E+00	1.1E+03	1.9E+02			
AOI-48 (NW)	Zone1	VOC	1,1,2-Trichloro-1,2,2-trifluoroe	76-13-1	TOTAL		3				3.20E-04	8.00E-04	1.7E+02	1.7E+02	2.1E+04			
AOI-48 (NW)	Zone1	VOC	Vinyl Chloride	75-01-4	TOTAL	A	3	1	2.00E-03	2.00E-03	3.60E-04	3.60E-04	2.0E-03	1.0E+00	1.0E+00	1.0E+00	2.0E-03	2.0E-03
AOI-48 (NW)	Zone1	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	3				4.40E-04	1.10E-03	1.0E+01	1.9E+02	1.0E+02			
AOI-48 (NW)	Zone1/Zone2	VOC	Acetone	67-64-1	TOTAL	ID	2				1.10E-03	1.10E-03	7.3E-01	3.1E+04	3.4E+04			
AOI-48 (NW)	Zone1/Zone2	VOC	Benzene	71-43-2	TOTAL	A	2				3.70E-04	3.70E-04	5.0E-03	1.1E+01	3.4E+00			
AOI-48 (NW)	Zone1/Zone2	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	2				3.20E-04	3.20E-04	1.0E-01	1.4E+01	4.2E+00			
AOI-48 (NW)	Zone1/Zone2	VOC	Bromoform	75-25-2	TOTAL	B2	2				3.70E-04	3.70E-04	1.0E-01	1.4E+02	1.8E+02			
AOI-48 (NW)	Zone1/Zone2	VOC	Bromomethane	74-83-9	TOTAL	D	2				3.00E-04	3.00E-04	1.0E-02	7.0E+01	5.0E+00			
AOI-48 (NW)	Zone1/Zone2	VOC	2-Butanone	78-93-3	TOTAL	ID	2				5.90E-04	5.90E-04	1.3E+01	2.4E+05	6.8E+04			
AOI-48 (NW)	Zone1/Zone2	VOC	Carbon Disulfide	75-15-0	TOTAL		2				2.40E-04	2.40E-04	8.0E-01	1.2E+03	2.8E+02			
AOI-48 (NW)	Zone1/Zone2	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	2				3.70E-04	3.70E-04	5.0E-03	4.6E+00	7.1E-01			
AOI-48 (NW)	Zone1/Zone2	VOC	Chlorobenzene	108-90-7	TOTAL	D	2				3.80E-04	3.80E-04	1.0E-01	8.6E+01	9.6E+01			
AOI-48 (NW)	Zone1/Zone2	VOC	Chloroethane	75-00-3	TOTAL		2				2.90E-04	2.90E-04	4.3E-01	4.4E+02	2.0E+04			
AOI-48 (NW)	Zone1/Zone2	VOC	Chloroform	67-66-3	TOTAL	B2	2	1	4.60E-04	4.60E-04	3.50E-04	3.50E-04	1.0E-01	1.5E+02	1.5E+00	4.6E-03	3.1E-06	3.0E-04
AOI-48 (NW)	Zone1/Zone2	VOC	Chloromethane	74-87-3	TOTAL	D	2				4.90E-04	4.90E-04	2.6E-01	4.9E+02	6.4E+01			
AOI-48 (NW)	Zone1/Zone2	VOC	Cumene	98-82-8	TOTAL	D	2				3.90E-04	3.90E-04	8.0E-01	5.6E+01	7.0E+01			
AOI-48 (NW)	Zone1/Zone2	VOC	Cyclohexane	110-82-7	TOTAL	ID	2				3.30E-04	3.30E-04			4.3E+03			

Table C-2b: Off-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Residential Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Residential GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Residential Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Residential GW Volatilization to Indoor Air Criteria
AOI-48 (NW)	Zone1/Zone2	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	2				8.20E-04	8.20E-04	2.0E-04	3.9E-01	5.3E+00			
AOI-48 (NW)	Zone1/Zone2	VOC	Dibromochloromethane	124-48-1	TOTAL	C	2				3.70E-04	3.70E-04	1.0E-01	1.8E+01	5.9E+00			
AOI-48 (NW)	Zone1/Zone2	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	2				3.40E-04	3.40E-04	1.0E-03	2.5E-02	5.5E-03			
AOI-48 (NW)	Zone1/Zone2	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	2				3.80E-04	3.80E-04	6.0E-01	1.6E+02	5.5E+02			
AOI-48 (NW)	Zone1/Zone2	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	2				3.80E-04	3.80E-04	6.6E-03	2.0E+00	2.7E+02			
AOI-48 (NW)	Zone1/Zone2	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	2				3.80E-04	3.80E-04	7.5E-02	6.4E+00	8.4E+00			
AOI-48 (NW)	Zone1/Zone2	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		2				4.90E-04	4.90E-04	1.7E+00	3.0E+02	4.0E+01			
AOI-48 (NW)	Zone1/Zone2	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	2				3.00E-04	3.00E-04	8.8E-01	2.4E+03	5.6E+02			
AOI-48 (NW)	Zone1/Zone2	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	2				2.80E-04	2.80E-04	5.0E-03	1.9E+01	4.0E+00			
AOI-48 (NW)	Zone1/Zone2	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	2				3.10E-04	3.10E-04	7.0E-03	1.1E+01	8.7E+01			
AOI-48 (NW)	Zone1/Zone2	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	2				3.50E-04	3.50E-04	7.0E-02	2.0E+02	4.9E+01			
AOI-48 (NW)	Zone1/Zone2	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		2				3.30E-04	3.30E-04	1.0E-01	2.2E+02	5.3E+01			
AOI-48 (NW)	Zone1/Zone2	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	2				4.10E-04	4.10E-04	5.0E-03	1.6E+01	2.3E+00			
AOI-48 (NW)	Zone1/Zone2	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	2				3.50E-04	3.50E-04	8.5E-03	5.5E+00	3.4E+00			
AOI-48 (NW)	Zone1/Zone2	VOC	Ethyl Benzene	100-41-4	TOTAL	D	2				4.10E-04	4.10E-04	7.0E-01	1.7E+02	9.9E+02			
AOI-48 (NW)	Zone1/Zone2	VOC	2-Hexanone	591-78-6	TOTAL		2				5.80E-04	5.80E-04	1.0E+00	5.2E+03				
AOI-48 (NW)	Zone1/Zone2	VOC	Methyl Acetate	79-20-9	TOTAL		2				5.40E-04	5.40E-04			1.5E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		2				2.70E-04	2.70E-04	2.4E-01	6.1E+02	7.9E+02			
AOI-48 (NW)	Zone1/Zone2	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	2				2.60E-04	2.60E-04	1.8E+00	1.3E+04	8.6E+04			
AOI-48 (NW)	Zone1/Zone2	VOC	Methylcyclohexane	108-87-2	TOTAL		2				4.20E-04	4.20E-04			1.6E+03			
AOI-48 (NW)	Zone1/Zone2	VOC	Methylene Chloride	75-09-2	TOTAL	B2	2				2.90E-04	2.90E-04	5.0E-03	2.2E+02	1.1E+02			
AOI-48 (NW)	Zone1/Zone2	VOC	Styrene	100-42-5	TOTAL		2				3.50E-04	3.50E-04	1.0E-01	9.7E+00	2.0E+03			
AOI-48 (NW)	Zone1/Zone2	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	2				3.60E-04	3.60E-04	8.5E-03	4.7E+00	4.9E+00			
AOI-48 (NW)	Zone1/Zone2	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	2				4.20E-04	4.20E-04	5.0E-03	1.2E+01	4.6E+00			
AOI-48 (NW)	Zone1/Zone2	VOC	Toluene	108-88-3	TOTAL	D	2				3.90E-04	3.90E-04	1.0E+00	5.3E+02	4.2E+02			
AOI-48 (NW)	Zone1/Zone2	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	2				4.00E-04	4.00E-04	7.0E-02	1.9E+01	7.5E+02			
AOI-48 (NW)	Zone1/Zone2	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	2				3.90E-04	3.90E-04	2.0E-01	1.3E+03	1.3E+03			
AOI-48 (NW)	Zone1/Zone2	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	2				3.60E-04	3.60E-04	5.0E-03	2.1E+01	7.2E+00			
AOI-48 (NW)	Zone1/Zone2	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	2	1	4.80E-03	4.80E-03	4.20E-04	4.20E-04	5.0E-03	2.2E+01	1.1E+01	9.6E-01	2.2E-04	4.4E-04
AOI-48 (NW)	Zone1/Zone2	VOC	Trichlorofluoromethane	75-69-4	TOTAL		2				5.40E-04	5.40E-04	2.6E+00	1.1E+03	1.9E+02			
AOI-48 (NW)	Zone1/Zone2	VOC	1,1,2-Trichloro-1,2,2-trifluoroe	76-13-1	TOTAL		2				3.20E-04	3.20E-04	1.7E+02	1.7E+02	2.1E+04			
AOI-48 (NW)	Zone1/Zone2	VOC	Vinyl Chloride	75-01-4	TOTAL	A	2				3.60E-04	3.60E-04	2.0E-03	1.0E+00	1.0E+00			
AOI-48 (NW)	Zone1/Zone2	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	2				4.40E-04	4.40E-04	1.0E+01	1.9E+02	1.0E+02			
AOI-48 (NW)	Zone2	VOC	Acetone	67-64-1	TOTAL	ID	7				1.10E-03	1.80E-02	7.3E-01	3.1E+04	3.4E+04			
AOI-48 (NW)	Zone2	VOC	Benzene	71-43-2	TOTAL	A	7				3.70E-04	6.20E-03	5.0E-03	1.1E+01	3.4E+00			
AOI-48 (NW)	Zone2	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	7				3.20E-04	5.30E-03	1.0E-01	1.4E+01	4.2E+00			
AOI-48 (NW)	Zone2	VOC	Bromoform	75-25-2	TOTAL	B2	7				3.70E-04	6.20E-03	1.0E-01	1.4E+02	1.8E+02			
AOI-48 (NW)	Zone2	VOC	Bromomethane	74-83-9	TOTAL	D	7				3.00E-04	5.00E-03	1.0E-02	7.0E+01	5.0E+00			
AOI-48 (NW)	Zone2	VOC	2-Butanone	78-93-3	TOTAL	ID	7				5.90E-04	9.80E-03	1.3E+01	2.4E+05	6.8E+04			
AOI-48 (NW)	Zone2	VOC	Carbon Disulfide	75-15-0	TOTAL		7				2.40E-04	4.00E-03	8.0E-01	1.2E+03	2.8E+02			
AOI-48 (NW)	Zone2	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	7				3.70E-04	6.20E-03	5.0E-03	4.6E+00	7.1E-01			
AOI-48 (NW)	Zone2	VOC	Chlorobenzene	108-90-7	TOTAL	D	7				3.80E-04	6.30E-03	1.0E-01	8.6E+01	9.6E+01			
AOI-48 (NW)	Zone2	VOC	Chloroethane	75-00-3	TOTAL		7				2.90E-04	4.80E-03	4.3E-01	4.4E+02	2.0E+04			
AOI-48 (NW)	Zone2	VOC	Chloroform	67-66-3	TOTAL	B2	7				3.50E-04	5.80E-03	1.0E-01	1.5E+02	1.5E+00			
AOI-48 (NW)	Zone2	VOC	Chloromethane	74-87-3	TOTAL	D	7				4.90E-04	8.20E-03	2.6E-01	4.9E+02	6.4E+01			
AOI-48 (NW)	Zone2	VOC	Cumene	98-82-8	TOTAL	D	7				3.90E-04	6.50E-03	8.0E-01	5.6E+01	7.0E+01			
AOI-48 (NW)	Zone2	VOC	Cyclohexane	110-82-7	TOTAL	ID	7				3.30E-04	5.50E-03			4.3E+03			

Table C-2b: Off-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Residential Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Residential GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Residential Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Residential GW Volatilization to Indoor Air Criteria
AOI-48 (NW)	Zone2	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	7				8.20E-04	1.40E-02	2.0E-04	3.9E-01	5.3E+00			
AOI-48 (NW)	Zone2	VOC	Dibromochloromethane	124-48-1	TOTAL	C	7				3.70E-04	6.20E-03	1.0E-01	1.8E+01	5.9E+00			
AOI-48 (NW)	Zone2	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	7				3.40E-04	5.70E-03	1.0E-03	2.5E-02	5.5E-03			
AOI-48 (NW)	Zone2	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	7				3.80E-04	6.30E-03	6.0E-01	1.6E+02	5.5E+02			
AOI-48 (NW)	Zone2	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	7				3.80E-04	6.30E-03	6.6E-03	2.0E+00	2.7E+02			
AOI-48 (NW)	Zone2	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	7				3.80E-04	6.30E-03	7.5E-02	6.4E+00	8.4E+00			
AOI-48 (NW)	Zone2	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		7				4.90E-04	8.20E-03	1.7E+00	3.0E+02	4.0E+01			
AOI-48 (NW)	Zone2	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	7				3.00E-04	5.00E-03	8.8E-01	2.4E+03	5.6E+02			
AOI-48 (NW)	Zone2	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	7				2.80E-04	4.70E-03	5.0E-03	1.9E+01	4.0E+00			
AOI-48 (NW)	Zone2	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	7				3.10E-04	5.20E-03	7.0E-03	1.1E+01	8.7E+01			
AOI-48 (NW)	Zone2	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	7	1	9.00E-03	9.00E-03	3.50E-04	3.50E-04	7.0E-02	2.0E+02	4.9E+01	1.3E-01	4.5E-05	1.9E-04
AOI-48 (NW)	Zone2	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		7				3.30E-04	5.50E-03	1.0E-01	2.2E+02	5.3E+01			
AOI-48 (NW)	Zone2	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	7				4.10E-04	6.80E-03	5.0E-03	1.6E+01	2.3E+00			
AOI-48 (NW)	Zone2	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	7				3.50E-04	5.80E-03	8.5E-03	5.5E+00	3.4E+00			
AOI-48 (NW)	Zone2	VOC	Ethyl Benzene	100-41-4	TOTAL	D	7				4.10E-04	6.80E-03	7.0E-01	1.7E+02	9.9E+02			
AOI-48 (NW)	Zone2	VOC	2-Hexanone	591-78-6	TOTAL		7				5.80E-04	9.70E-03	1.0E+00	5.2E+03				
AOI-48 (NW)	Zone2	VOC	Methyl Acetate	79-20-9	TOTAL		7				5.40E-04	9.00E-03			1.5E+05			
AOI-48 (NW)	Zone2	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		7				2.70E-04	4.50E-03	2.4E-01	6.1E+02	7.9E+02			
AOI-48 (NW)	Zone2	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	7				2.60E-04	4.30E-03	1.8E+00	1.3E+04	8.6E+04			
AOI-48 (NW)	Zone2	VOC	Methylcyclohexane	108-87-2	TOTAL		7				4.20E-04	7.00E-03			1.6E+03			
AOI-48 (NW)	Zone2	VOC	Methylene Chloride	75-09-2	TOTAL	B2	7				2.90E-04	4.80E-03	5.0E-03	2.2E+02	1.1E+02			
AOI-48 (NW)	Zone2	VOC	Styrene	100-42-5	TOTAL		7				3.50E-04	5.80E-03	1.0E-01	9.7E+00	2.0E+03			
AOI-48 (NW)	Zone2	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	7				3.60E-04	6.00E-03	8.5E-03	4.7E+00	4.9E+00			
AOI-48 (NW)	Zone2	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	7				4.20E-04	7.00E-03	5.0E-03	1.2E+01	4.6E+00			
AOI-48 (NW)	Zone2	VOC	Toluene	108-88-3	TOTAL	D	7				3.90E-04	6.50E-03	1.0E+00	5.3E+02	4.2E+02			
AOI-48 (NW)	Zone2	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	7				4.00E-04	6.70E-03	7.0E-02	1.9E+01	7.5E+02			
AOI-48 (NW)	Zone2	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	7				3.90E-04	6.50E-03	2.0E-01	1.3E+03	1.3E+03			
AOI-48 (NW)	Zone2	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	7				3.60E-04	6.00E-03	5.0E-03	2.1E+01	7.2E+00			
AOI-48 (NW)	Zone2	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	7	1	5.10E-01	5.10E-01	4.20E-04	4.20E-04	5.0E-03	2.2E+01	1.1E+01	**1.0E+02**	2.3E-02	4.7E-02
AOI-48 (NW)	Zone2	VOC	Trichlorofluoromethane	75-69-4	TOTAL		7				5.40E-04	9.00E-03	2.6E+00	1.1E+03	1.9E+02			
AOI-48 (NW)	Zone2	VOC	1,1,2-Trichloro-1,2,2-trifluoroe	76-13-1	TOTAL		7				3.20E-04	5.30E-03	1.7E+02	1.7E+02	2.1E+04			
AOI-48 (NW)	Zone2	VOC	Vinyl Chloride	75-01-4	TOTAL	A	7				3.60E-04	6.00E-03	2.0E-03	1.0E+00	1.0E+00			
AOI-48 (NW)	Zone2	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	7				4.40E-04	7.30E-03	1.0E+01	1.9E+02	1.0E+02			
AOI-48 (NW)	Zone2	INORG	Aluminum	7429-90-5	TOTAL	D	2	2	1.60E+00	6.70E+00			3.0E-01	6.4E+04		**2.2E+01**	1.0E-04	
AOI-48 (NW)	Zone2	INORG	Antimony	7440-36-0	TOTAL		2				3.40E-03	3.40E-03	6.0E-03	6.8E+01				
AOI-48 (NW)	Zone2	INORG	Arsenic	7440-38-2	TOTAL	A	2	2	1.80E-02	3.10E-02			5.0E-02	4.3E+00		6.2E-01	7.2E-03	
AOI-48 (NW)	Zone2	INORG	Barium	7440-39-3	TOTAL	D	2	2	2.10E-01	4.20E-01			2.0E+00	1.4E+04		2.1E-01	3.0E-05	
AOI-48 (NW)	Zone2	INORG	Beryllium	7440-41-7	TOTAL	B1	2				6.00E-04	6.00E-04	4.0E-03	2.9E+02				
AOI-48 (NW)	Zone2	INORG	Cadmium	7440-43-9	TOTAL	B1	2	1	4.40E-04	4.40E-04	2.80E-04	2.80E-04	5.0E-03	1.9E+02		8.8E-02	2.3E-06	
AOI-48 (NW)	Zone2	INORG	Chromium (total)	7440-47-3	TOTAL		2	2	2.80E-03	1.00E-02			1.0E-01	4.6E+02		1.0E-01	2.2E-05	
AOI-48 (NW)	Zone2	INORG	Cobalt	7440-48-4	TOTAL	B1	2	2	1.70E-03	3.00E-03			4.0E-02	2.4E+03		7.5E-02	1.3E-06	
AOI-48 (NW)	Zone2	INORG	Copper	7440-50-8	TOTAL	D	2	1	4.80E-03	4.80E-03	1.70E-03	1.70E-03	1.4E+00	7.4E+03		3.4E-03	6.5E-07	
AOI-48 (NW)	Zone2	INORG	Cyanide (total)	57-12-5	TOTAL	D	2				1.80E-03	1.80E-03	2.0E-01	5.7E+01				
AOI-48 (NW)	Zone2	INORG	Iron	7439-89-6	TOTAL	D	2	2	2.70E+00	9.10E+00			2.0E+00	5.8E+04		**4.6E+00**	1.6E-04	
AOI-48 (NW)	Zone2	INORG	Lead	7439-92-1	TOTAL	B2	2	2	1.60E-03	3.80E-03			4.0E-03			9.5E-01		
AOI-48 (NW)	Zone2	INORG	Magnesium	7439-95-4	TOTAL		2	2	3.88E+01	4.44E+01			4.0E+02	1.0E+06		1.1E-01	4.4E-05	
AOI-48 (NW)	Zone2	INORG	Manganese	7439-96-5	TOTAL	D	2	2	1.20E-01	1.90E-01			8.6E-01	9.1E+03		2.2E-01	2.1E-05	

Table C-2b: Off-Site Groundwater Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Residential Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Residential GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Residential Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Residential GW Volatilization to Indoor Air Criteria
AOI-48 (NW)	Zone2	INORG	Mercury	7439-97-6	TOTAL	D	2				8.70E-05	8.70E-05	2.0E-03	5.6E-02	4.0E-01			
AOI-48 (NW)	Zone2	INORG	Nickel	7440-02-0	TOTAL	A	2	2	3.60E-03	7.30E-03			1.0E-01	7.4E+04		7.3E-02	9.9E-08	
AOI-48 (NW)	Zone2	INORG	Selenium	7782-49-2	TOTAL	D	2				4.70E-03	4.70E-03	5.0E-02	9.7E+02				
AOI-48 (NW)	Zone2	INORG	Silver	7440-22-4	TOTAL	D	2				9.80E-04	9.80E-04	3.4E-02	1.5E+03				
AOI-48 (NW)	Zone2	INORG	Sodium	7440-23-5	TOTAL		2	2	1.30E+01	4.22E+01			1.2E+02	1.0E+06		3.5E-01	4.2E-05	
AOI-48 (NW)	Zone2	INORG	Thallium	7440-28-0	TOTAL		2				5.20E-03	5.20E-03	2.0E-03	1.3E+01				
AOI-48 (NW)	Zone2	INORG	Vanadium	7440-62-2	TOTAL		2	2	4.10E-03	1.50E-02			4.5E-03	9.7E+02		3.3E+00	1.5E-05	
AOI-48 (NW)	Zone2	INORG	Zinc	7440-66-6	TOTAL	D	2				1.40E-02	1.40E-02	2.4E+00	1.1E+05				

Notes:

The Screening Criteria are MDEQ Part 201 Generic Cleanup Criteria (MDEQ 2002) or site-specific industrial criteria for the indoor air pathway .

The Screening Criteria for Chromium VI is used as a surrogate for Chromium (total).

The concentrations for the Methylphenol (2, 3, & 4) were summed before comparing to the Screening Criteria for 4-Methylphenol.

The concentrations for all PCB isomers were summed before comparing to the Screening Criteria.

The concentrations for the Xylene isomers (m/p and o) were summed before comparing to the Screening Criteria.

The concentrations for the 1,3-Dichloropropene isomers (cis and trans) were summed before comparing to the Screening Criteria.

The first (shallow) saturated zone beneath the Facility (depth to groundwater of 4 - 16 ft) is called "Zone 1," except in the northwest corner of the property, where "Zone 1" is absent.

In the northwest corner of the property, there is only one water-bearing zone identified, and water levels in the area are consistent with "Zone 2" (see below). In this area, the upper half of the first and only saturated zone encountered is identified as "Zone1/Zone2," and the lower half is identified as "Zone 2."

The second (deeper) saturated zone beneath the Facility (depth to groundwater of 15 - 25 ft) is called "Zone 2."

Chem Group - Chemical Group

Meas Basis - Measured Basis; T = Total, D = Dissolved

Carc Class - EPA Weight-of-Evidence Cancer Classification

A = Known Human Carcinogen-sufficient evidence of carcinogenicity in humans; B1 = Human Carcinogen-limited evidence of carcinogenicity in humans; B2 = Probable Human Carcinogen-sufficient evidence of carcinogenicity in animals with inadequate or lack of evidence in humans; C = Possible Human Carcinogen-limited evidence of carcinogenicity in animals and inadequate or lack of evidence in humans; D = Not classifiable as to human carcinogenicity; ID = Data Are Inadequate for An Assessment of Human Carcinogenic Potential

Min QL - Minimum Quantitation Limit

Max QL - Maximum Quantitation Limit

Table C-3a: On-Site Borehole Water Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-03	Zone1	INORG	Aluminum	7429-90-5	TOTAL	D	1	1	7.60E+01	7.60E+01			4.1E+00	6.4E+04		1.9E+01	1.2E-03	
AOI-03	Zone1	INORG	Antimony	7440-36-0	TOTAL		1				3.40E-03	3.40E-03	6.0E-03	6.8E+01				
AOI-03	Zone1	INORG	Arsenic	7440-38-2	TOTAL	A	1	1	1.80E-01	1.80E-01			5.0E-02	4.3E+00		3.6E+00	4.2E-02	
AOI-03	Zone1	INORG	Barium	7440-39-3	TOTAL	D	1	1	1.00E+00	1.00E+00			2.0E+00	1.4E+04		5.0E-01	7.1E-05	
AOI-03	Zone1	INORG	Beryllium	7440-41-7	TOTAL	B1	1	1	2.40E-03	2.40E-03			4.0E-03	2.9E+02		6.0E-01	8.3E-06	
AOI-03	Zone1	INORG	Cadmium	7440-43-9	TOTAL	B1	1	1	2.90E-03	2.90E-03			5.0E-03	1.9E+02		5.8E-01	1.5E-05	
AOI-03	Zone1	INORG	Calcium	7440-70-2	TOTAL		1	1	5.70E+02	5.70E+02								
AOI-03	Zone1	INORG	Chromium (total)	7440-47-3	TOTAL		1	1	1.30E-01	1.30E-01			1.0E-01	4.6E+02		1.3E+00	2.8E-04	
AOI-03	Zone1	INORG	Cobalt	7440-48-4	TOTAL	B1	1	1	8.30E-02	8.30E-02			1.0E-01	2.4E+03		8.3E-01	3.5E-05	
AOI-03	Zone1	INORG	Copper	7440-50-8	TOTAL	D	1	1	3.40E-01	3.40E-01			4.0E+00	7.4E+03		8.5E-02	4.6E-05	
AOI-03	Zone1	INORG	Cyanide (total)	57-12-5	TOTAL	D	1	1	1.80E-03	1.80E-03			2.0E-01	5.7E+01		9.0E-03	3.2E-05	
AOI-03	Zone1	INORG	Iron	7439-89-6	TOTAL	D	1	1	2.21E+02	2.21E+02			5.6E+00	5.8E+04		3.9E+01	3.8E-03	
AOI-03	Zone1	INORG	Lead	7439-92-1	TOTAL	B2	1	1	1.20E-01	1.20E-01			4.0E-03			3.0E+01		
AOI-03	Zone1	INORG	Magnesium	7439-95-4	TOTAL		1	1	1.47E+02	1.47E+02			1.1E+03	1.0E+06		1.3E-01	1.5E-04	
AOI-03	Zone1	INORG	Manganese	7439-96-5	TOTAL	D	1	1	5.00E+00	5.00E+00			2.5E+00	9.1E+03		2.0E+00	5.5E-04	
AOI-03	Zone1	INORG	Mercury	7439-97-6	TOTAL	D	1	1	2.50E-04	2.50E-04			2.0E-03	5.6E-02	4.6E+01	1.3E-01	4.5E-03	5.5E-06
AOI-03	Zone1	INORG	Nickel	7440-02-0	TOTAL	A	1	1	3.40E-01	3.40E-01			1.0E-01	7.4E+04		3.4E+00	4.6E-06	
AOI-03	Zone1	INORG	Potassium	7440-09-7	TOTAL		1	1	1.78E+01	1.78E+01								
AOI-03	Zone1	INORG	Selenium	7782-49-2	TOTAL	D	1	1	1.00E-02	1.00E-02			5.0E-02	9.7E+02		2.0E-01	1.0E-05	
AOI-03	Zone1	INORG	Silver	7440-22-4	TOTAL	D	1				9.80E-04	9.80E-04	9.8E-02	1.5E+03				
AOI-03	Zone1	INORG	Sodium	7440-23-5	TOTAL		1	1	2.15E+02	2.15E+02			3.5E+02	1.0E+06		6.1E-01	2.2E-04	
AOI-03	Zone1	INORG	Thallium	7440-28-0	TOTAL		1	1	2.10E-02	2.10E-02			2.0E-03	1.3E+01		1.1E+01	1.6E-03	
AOI-03	Zone1	INORG	Vanadium	7440-62-2	TOTAL		1	1	2.70E-01	2.70E-01			6.2E-02	9.7E+02		4.4E+00	2.8E-04	
AOI-03	Zone1	INORG	Zinc	7440-66-6	TOTAL	D	1	1	1.50E+00	1.50E+00			5.0E+00	1.1E+05		3.0E-01	1.4E-05	
AOI-04	Zone1	INORG	Aluminum	7429-90-5	TOTAL	D	1	1	3.63E+01	3.63E+01			4.1E+00	6.4E+04		8.9E+00	5.7E-04	
AOI-04	Zone1	INORG	Antimony	7440-36-0	TOTAL		1				3.40E-03	3.40E-03	6.0E-03	6.8E+01				
AOI-04	Zone1	INORG	Arsenic	7440-38-2	TOTAL	A	1	1	8.70E-02	8.70E-02			5.0E-02	4.3E+00		1.7E+00	2.0E-02	
AOI-04	Zone1	INORG	Barium	7440-39-3	TOTAL	D	1	1	7.20E-01	7.20E-01			2.0E+00	1.4E+04		3.6E-01	5.1E-05	
AOI-04	Zone1	INORG	Beryllium	7440-41-7	TOTAL	B1	1	1	1.90E-03	1.90E-03			4.0E-03	2.9E+02		4.8E-01	6.6E-06	
AOI-04	Zone1	INORG	Cadmium	7440-43-9	TOTAL	B1	1	1	2.40E-03	2.40E-03			5.0E-03	1.9E+02		4.8E-01	1.3E-05	
AOI-04	Zone1	INORG	Calcium	7440-70-2	TOTAL		1	1	5.02E+02	5.02E+02								
AOI-04	Zone1	INORG	Chromium (total)	7440-47-3	TOTAL		1	1	1.50E-01	1.50E-01			1.0E-01	4.6E+02		1.5E+00	3.3E-04	
AOI-04	Zone1	INORG	Cobalt	7440-48-4	TOTAL	B1	1	1	5.90E-02	5.90E-02			1.0E-01	2.4E+03		5.9E-01	2.5E-05	
AOI-04	Zone1	INORG	Copper	7440-50-8	TOTAL	D	1	1	1.40E-01	1.40E-01			4.0E+00	7.4E+03		3.5E-02	1.9E-05	
AOI-04	Zone1	INORG	Cyanide (total)	57-12-5	TOTAL	D	1				1.80E-03	1.80E-03	2.0E-01	5.7E+01				
AOI-04	Zone1	INORG	Iron	7439-89-6	TOTAL	D	1	1	1.13E+02	1.13E+02			5.6E+00	5.8E+04		2.0E+01	1.9E-03	
AOI-04	Zone1	INORG	Lead	7439-92-1	TOTAL	B2	1	1	5.70E-02	5.70E-02			4.0E-03			1.4E+01		
AOI-04	Zone1	INORG	Magnesium	7439-95-4	TOTAL		1	1	1.03E+02	1.03E+02			1.1E+03	1.0E+06		9.4E-02	1.0E-04	
AOI-04	Zone1	INORG	Manganese	7439-96-5	TOTAL	D	1	1	5.70E+00	5.70E+00			2.5E+00	9.1E+03		2.3E+00	6.3E-04	
AOI-04	Zone1	INORG	Mercury	7439-97-6	TOTAL	D	1	1	1.20E-04	1.20E-04			2.0E-03	5.6E-02	4.6E+01	6.0E-02	2.1E-03	2.6E-06
AOI-04	Zone1	INORG	Nickel	7440-02-0	TOTAL	A	1	1	1.40E-01	1.40E-01			1.0E-01	7.4E+04		1.4E+00	1.9E-06	
AOI-04	Zone1	INORG	Potassium	7440-09-7	TOTAL		1	1	1.05E+01	1.05E+01								
AOI-04	Zone1	INORG	Selenium	7782-49-2	TOTAL	D	1				4.70E-03	4.70E-03	5.0E-02	9.7E+02				
AOI-04	Zone1	INORG	Silver	7440-22-4	TOTAL	D	1				9.80E-04	9.80E-04	9.8E-02	1.5E+03				
AOI-04	Zone1	INORG	Sodium	7440-23-5	TOTAL		1	1	5.78E+01	5.78E+01			3.5E+02	1.0E+06		1.7E-01	5.8E-05	
AOI-04	Zone1	INORG	Thallium	7440-28-0	TOTAL		1				5.20E-03	5.20E-03	2.0E-03	1.3E+01				
AOI-04	Zone1	INORG	Vanadium	7440-62-2	TOTAL		1	1	1.10E-01	1.10E-01			6.2E-02	9.7E+02		1.8E+00	1.1E-04	
AOI-04	Zone1	INORG	Zinc	7440-66-6	TOTAL	D	1	1	6.00E-01	6.00E-01			5.0E+00	1.1E+05		1.2E-01	5.5E-06	
AOI-08	Zone1	INORG	Aluminum	7429-90-5	TOTAL	D	4	4	2.95E+01	1.41E+02			4.1E+00	6.4E+04		3.4E+01	2.2E-03	

Table C-3a: On-Site Borehole Water Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-08	Zone1	INORG	Antimony	7440-36-0	TOTAL		4	2	1.60E-02	2.40E-02	3.40E-03	3.40E-03	6.0E-03	6.8E+01		4.0E+00	3.5E-04	
AOI-08	Zone1	INORG	Arsenic	7440-38-2	TOTAL	A	4	4	4.30E-02	3.30E-01			5.0E-02	4.3E+00		6.6E+00	7.7E-02	
AOI-08	Zone1	INORG	Barium	7440-39-3	TOTAL	D	4	4	3.40E-01	1.50E+00			2.0E+00	1.4E+04		7.5E-01	1.1E-04	
AOI-08	Zone1	INORG	Beryllium	7440-41-7	TOTAL	B1	4	4	6.00E-04	3.40E-03			4.0E-03	2.9E+02		8.5E-01	1.2E-05	
AOI-08	Zone1	INORG	Cadmium	7440-43-9	TOTAL	B1	4	4	6.50E-04	4.90E-03			5.0E-03	1.9E+02		9.8E-01	2.6E-05	
AOI-08	Zone1	INORG	Calcium	7440-70-2	TOTAL		4	4	3.29E+02	9.36E+02								
AOI-08	Zone1	INORG	Chromium III	16065-83-1	TOTAL	D	4	4	3.00E-01	1.05E+01			1.1E+02	2.9E+05		9.5E-02	3.6E-05	
AOI-08	Zone1	INORG	Chromium VI	18540-29-9	TOTAL	A	4	3	7.40E-01	1.13E+01	5.00E-03	5.00E-03	1.0E-01	4.6E+02		1.1E+02	2.5E-02	
AOI-08	Zone1	INORG	Cobalt	7440-48-4	TOTAL	B1	4	4	3.40E-02	1.80E-01			1.0E-01	2.4E+03		1.8E+00	7.5E-05	
AOI-08	Zone1	INORG	Copper	7440-50-8	TOTAL	D	4	4	1.00E-01	8.10E-01			4.0E+00	7.4E+03		2.0E-01	1.1E-04	
AOI-08	Zone1	INORG	Cyanide (total)	57-12-5	TOTAL	D	4	1	5.60E-02	5.60E-02	1.80E-03	1.80E-03	2.0E-01	5.7E+01		2.8E-01	9.8E-04	
AOI-08	Zone1	INORG	Iron	7439-89-6	TOTAL	D	4	4	8.32E+01	4.41E+02			5.6E+00	5.8E+04		7.9E+01	7.6E-03	
AOI-08	Zone1	INORG	Lead	7439-92-1	TOTAL	B2	4	4	3.60E-02	3.40E-01			4.0E-03			8.5E+01		
AOI-08	Zone1	INORG	Magnesium	7439-95-4	TOTAL		4	4	1.13E+02	2.79E+02			1.1E+03	1.0E+06		2.5E-01	2.8E-04	
AOI-08	Zone1	INORG	Manganese	7439-96-5	TOTAL	D	4	4	1.90E+00	8.60E+00			2.5E+00	9.1E+03		3.4E+00	9.5E-04	
AOI-08	Zone1	INORG	Mercury	7439-97-6	TOTAL	D	4	4	1.20E-04	7.40E-03			2.0E-03	5.6E-02	4.6E+01	3.7E+00	1.3E-01	1.6E-04
AOI-08	Zone1	INORG	Nickel	7440-02-0	TOTAL	A	4	4	1.60E-01	6.50E-01			1.0E-01	7.4E+04		6.5E+00	8.8E-06	
AOI-08	Zone1	INORG	Potassium	7440-09-7	TOTAL		4	4	1.35E+01	3.45E+01								
AOI-08	Zone1	INORG	Selenium	7782-49-2	TOTAL	D	4	1	1.50E-02	1.50E-02	4.70E-03	4.70E-03	5.0E-02	9.7E+02		3.0E-01	1.5E-05	
AOI-08	Zone1	INORG	Silver	7440-22-4	TOTAL	D	4				9.80E-04	9.80E-04	9.8E-02	1.5E+03				
AOI-08	Zone1	INORG	Sodium	7440-23-5	TOTAL		4	4	8.70E+01	1.12E+02			3.5E+02	1.0E+06		3.2E-01	1.1E-04	
AOI-08	Zone1	INORG	Thallium	7440-28-0	TOTAL		4	1	5.80E-03	5.80E-03	5.20E-03	5.20E-03	2.0E-03	1.3E+01		2.9E+00	4.5E-04	
AOI-08	Zone1	INORG	Vanadium	7440-62-2	TOTAL		4	4	8.60E-02	4.80E-01			6.2E-02	9.7E+02		7.7E+00	4.9E-04	
AOI-08	Zone1	INORG	Zinc	7440-66-6	TOTAL	D	4	4	3.30E-01	3.30E+00			5.0E+00	1.1E+05		6.6E-01	3.0E-05	
AOI-09	Zone1	INORG	Aluminum	7429-90-5	TOTAL	D	1	1	1.63E+02	1.63E+02			4.1E+00	6.4E+04		4.0E+01	2.5E-03	
AOI-09	Zone1	INORG	Antimony	7440-36-0	TOTAL		1	1	1.70E-02	1.70E-02			6.0E-03	6.8E+01		2.8E+00	2.5E-04	
AOI-09	Zone1	INORG	Arsenic	7440-38-2	TOTAL	A	1	1	5.10E-01	5.10E-01			5.0E-02	4.3E+00		1.0E+01	1.2E-01	
AOI-09	Zone1	INORG	Barium	7440-39-3	TOTAL	D	1	1	2.20E+00	2.20E+00			2.0E+00	1.4E+04		1.1E+00	1.6E-04	
AOI-09	Zone1	INORG	Beryllium	7440-41-7	TOTAL	B1	1	1	3.70E-03	3.70E-03			4.0E-03	2.9E+02		9.3E-01	1.3E-05	
AOI-09	Zone1	INORG	Cadmium	7440-43-9	TOTAL	B1	1	1	1.20E-02	1.20E-02			5.0E-03	1.9E+02		2.4E+00	6.3E-05	
AOI-09	Zone1	INORG	Calcium	7440-70-2	TOTAL		1	1	1.40E+03	1.40E+03								
AOI-09	Zone1	INORG	Chromium (total)	7440-47-3	TOTAL		1	1	2.50E+00	2.50E+00			1.0E-01	4.6E+02		2.5E+01	5.4E-03	
AOI-09	Zone1	INORG	Cobalt	7440-48-4	TOTAL	B1	1	1	3.10E-01	3.10E-01			1.0E-01	2.4E+03		3.1E+00	1.3E-04	
AOI-09	Zone1	INORG	Copper	7440-50-8	TOTAL	D	1	1	7.40E-01	7.40E-01			4.0E+00	7.4E+03		1.9E-01	1.0E-04	
AOI-09	Zone1	INORG	Cyanide (total)	57-12-5	TOTAL	D	1	1	1.10E-01	1.10E-01			2.0E-01	5.7E+01		5.5E-01	1.9E-03	
AOI-09	Zone1	INORG	Iron	7439-89-6	TOTAL	D	1	1	4.86E+02	4.86E+02			5.6E+00	5.8E+04		8.7E+01	8.4E-03	
AOI-09	Zone1	INORG	Lead	7439-92-1	TOTAL	B2	1	1	2.80E-01	2.80E-01			4.0E-03			7.0E+01		
AOI-09	Zone1	INORG	Magnesium	7439-95-4	TOTAL		1	1	4.67E+02	4.67E+02			1.1E+03	1.0E+06		4.2E-01	4.7E-04	
AOI-09	Zone1	INORG	Manganese	7439-96-5	TOTAL	D	1	1	1.39E+01	1.39E+01			2.5E+00	9.1E+03		5.6E+00	1.5E-03	
AOI-09	Zone1	INORG	Mercury	7439-97-6	TOTAL	D	1	1	1.40E-03	1.40E-03			2.0E-03	5.6E-02	4.6E+01	7.0E-01	2.5E-02	3.1E-05
AOI-09	Zone1	INORG	Nickel	7440-02-0	TOTAL	A	1	1	1.60E+00	1.60E+00			1.0E-01	7.4E+04		1.6E+01	2.2E-05	
AOI-09	Zone1	INORG	Potassium	7440-09-7	TOTAL		1	1	2.95E+01	2.95E+01								
AOI-09	Zone1	INORG	Selenium	7782-49-2	TOTAL	D	1				4.70E-03	4.70E-03	5.0E-02	9.7E+02				
AOI-09	Zone1	INORG	Silver	7440-22-4	TOTAL	D	1				9.80E-04	9.80E-04	9.8E-02	1.5E+03				
AOI-09	Zone1	INORG	Sodium	7440-23-5	TOTAL		1	1	1.44E+02	1.44E+02			3.5E+02	1.0E+06		4.1E-01	1.4E-04	
AOI-09	Zone1	INORG	Thallium	7440-28-0	TOTAL		1				5.20E-03	5.20E-03	2.0E-03	1.3E+01				
AOI-09	Zone1	INORG	Vanadium	7440-62-2	TOTAL		1	1	5.30E-01	5.30E-01			6.2E-02	9.7E+02		8.5E+00	5.5E-04	
AOI-09	Zone1	INORG	Zinc	7440-66-6	TOTAL	D	1	1	1.90E+00	1.90E+00			5.0E+00	1.1E+05		3.8E-01	1.7E-05	
AOI-17	Zone2	INORG	Aluminum	7429-90-5	TOTAL	D	1	1	1.10E+02	1.10E+02			4.1E+00	6.4E+04		2.7E+01	1.7E-03	

Table C-3a: On-Site Borehole Water Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-17	Zone2	INORG	Antimony	7440-36-0	TOTAL		1	1	7.00E-03	7.00E-03			6.0E-03	6.8E+01		1.2E+00	1.0E-04	
AOI-17	Zone2	INORG	Arsenic	7440-38-2	TOTAL	A	1	1	1.20E-01	1.20E-01			5.0E-02	4.3E+00		2.4E+00	2.8E-02	
AOI-17	Zone2	INORG	Barium	7440-39-3	TOTAL	D	1	1	8.10E-01	8.10E-01			2.0E+00	1.4E+04		4.1E-01	5.8E-05	
AOI-17	Zone2	INORG	Beryllium	7440-41-7	TOTAL	B1	1	1	3.30E-03	3.30E-03			4.0E-03	2.9E+02		8.3E-01	1.1E-05	
AOI-17	Zone2	INORG	Cadmium	7440-43-9	TOTAL	B1	1	1	3.60E-03	3.60E-03			5.0E-03	1.9E+02		7.2E-01	1.9E-05	
AOI-17	Zone2	INORG	Calcium	7440-70-2	TOTAL		1	1	1.24E+03	1.24E+03								
AOI-17	Zone2	INORG	Chromium (total)	7440-47-3	TOTAL		1	1	3.20E-01	3.20E-01			1.0E-01	4.6E+02		3.2E+00	7.0E-04	
AOI-17	Zone2	INORG	Cobalt	7440-48-4	TOTAL	B1	1				7.40E-04	7.40E-04	1.0E-01	2.4E+03				
AOI-17	Zone2	INORG	Copper	7440-50-8	TOTAL	D	1	1	2.60E-01	2.60E-01			4.0E+00	7.4E+03		6.5E-02	3.5E-05	
AOI-17	Zone2	INORG	Cyanide (total)	57-12-5	TOTAL	D	1				1.80E-03	1.80E-03	2.0E-01	5.7E+01				
AOI-17	Zone2	INORG	Iron	7439-89-6	TOTAL	D	1	1	2.60E+02	2.60E+02			5.6E+00	5.8E+04		4.6E+01	4.5E-03	
AOI-17	Zone2	INORG	Lead	7439-92-1	TOTAL	B2	1	1	1.10E-01	1.10E-01			4.0E-03			2.8E+01		
AOI-17	Zone2	INORG	Magnesium	7439-95-4	TOTAL		1	1	3.66E+02	3.66E+02			1.1E+03	1.0E+06		3.3E-01	3.7E-04	
AOI-17	Zone2	INORG	Manganese	7439-96-5	TOTAL	D	1	1	6.50E+00	6.50E+00			2.5E+00	9.1E+03		2.6E+00	7.1E-04	
AOI-17	Zone2	INORG	Mercury	7439-97-6	TOTAL	D	1	1	3.90E-04	3.90E-04			2.0E-03	5.6E-02	4.6E+01	2.0E-01	7.0E-03	8.5E-06
AOI-17	Zone2	INORG	Nickel	7440-02-0	TOTAL	A	1	1	3.50E-01	3.50E-01			1.0E-01	7.4E+04		3.5E+00	4.7E-06	
AOI-17	Zone2	INORG	Potassium	7440-09-7	TOTAL		1	1	3.32E+01	3.32E+01								
AOI-17	Zone2	INORG	Selenium	7782-49-2	TOTAL	D	1	1	8.80E-03	8.80E-03			5.0E-02	9.7E+02		1.8E-01	9.1E-06	
AOI-17	Zone2	INORG	Silver	7440-22-4	TOTAL	D	1				9.80E-04	9.80E-04	9.8E-02	1.5E+03				
AOI-17	Zone2	INORG	Sodium	7440-23-5	TOTAL		1	1	8.03E+02	8.03E+02			3.5E+02	1.0E+06		2.3E+00	8.0E-04	
AOI-17	Zone2	INORG	Thallium	7440-28-0	TOTAL		1	1	1.80E-02	1.80E-02			2.0E-03	1.3E+01		9.0E+00	1.4E-03	
AOI-17	Zone2	INORG	Vanadium	7440-62-2	TOTAL		1	1	2.90E-01	2.90E-01			6.2E-02	9.7E+02		4.7E+00	3.0E-04	
AOI-17	Zone2	INORG	Zinc	7440-66-6	TOTAL	D	1	1	5.70E-01	5.70E-01			5.0E+00	1.1E+05		1.1E-01	5.2E-06	
AOI-27	Zone1	VOC	Acetone	67-64-1	TOTAL	ID	8				1.10E-03	3.70E-03	2.1E+00	3.1E+04	1.6E+08			
AOI-27	Zone1	VOC	Benzene	71-43-2	TOTAL	A	8	1	8.70E-04	8.70E-04	3.70E-04	1.20E-03	5.0E-03	1.1E+01	4.3E+03	1.7E-01	7.9E-05	2.0E-07
AOI-27	Zone1	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	8				3.20E-04	1.10E-03	1.0E-01	1.4E+01				
AOI-27	Zone1	VOC	Bromoform	75-25-2	TOTAL	B2	8				3.70E-04	1.20E-03	1.0E-01	1.4E+02	5.2E+04			
AOI-27	Zone1	VOC	Bromomethane	74-83-9	TOTAL	D	8				3.00E-04	1.00E-03	2.9E-02	7.0E+01	4.7E+03			
AOI-27	Zone1	VOC	2-Butanone	78-93-3	TOTAL	ID	8				5.90E-04	2.00E-03	3.8E+01	2.4E+05	3.7E+07			
AOI-27	Zone1	VOC	Carbon Disulfide	75-15-0	TOTAL		8				2.40E-04	8.00E-04	2.3E+00	1.2E+03	6.8E+03			
AOI-27	Zone1	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	8				3.70E-04	1.20E-03	5.0E-03	4.6E+00	8.2E+03			
AOI-27	Zone1	VOC	Chlorobenzene	108-90-7	TOTAL	D	8	3	1.40E-03	4.20E-03	3.80E-04	3.80E-04	1.0E-01	8.6E+01	6.6E+05	4.2E-02	4.9E-05	6.3E-09
AOI-27	Zone1	VOC	Chloroethane	75-00-3	TOTAL		8				2.90E-04	9.70E-04	1.7E+00	4.4E+02	7.6E+06			
AOI-27	Zone1	VOC	Chloroform	67-66-3	TOTAL	B2	8				3.50E-04	1.20E-03	1.0E-01	1.5E+02	1.7E+04			
AOI-27	Zone1	VOC	Chloromethane	74-87-3	TOTAL	D	8				4.90E-04	1.60E-03	1.1E+00	4.9E+02	8.7E+04			
AOI-27	Zone1	VOC	Cumene	98-82-8	TOTAL	D	8				3.90E-04	1.30E-03	2.3E+00	5.6E+01	6.9E+04			
AOI-27	Zone1	VOC	Cyclohexane	110-82-7	TOTAL	ID	8	1	4.70E-04	4.70E-04	3.30E-04	1.10E-03			3.5E+05			1.3E-09
AOI-27	Zone1	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	8				8.20E-04	2.70E-03	2.0E-04	3.9E-01				
AOI-27	Zone1	VOC	Dibromochloromethane	124-48-1	TOTAL	C	8				3.70E-04	1.20E-03	1.0E-01	1.8E+01				
AOI-27	Zone1	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	8				3.40E-04	1.10E-03	1.0E-03	2.5E-02				
AOI-27	Zone1	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	8				3.80E-04	1.30E-03	6.0E-01	1.6E+02	4.7E+05			
AOI-27	Zone1	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	8				3.80E-04	1.30E-03	1.9E-02	2.0E+00				
AOI-27	Zone1	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	8				3.80E-04	1.30E-03	7.5E-02	6.4E+00	1.2E+06			
AOI-27	Zone1	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		8				4.90E-04	1.60E-03	4.8E+00	3.0E+02	1.6E+06			
AOI-27	Zone1	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	8	5	1.90E-03	1.00E-02	3.00E-04	1.00E-03	2.5E+00	2.4E+03	5.4E+05	4.0E-03	4.2E-06	1.8E-08
AOI-27	Zone1	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	8				2.80E-04	9.30E-04	5.0E-03	1.9E+01	1.8E+04			
AOI-27	Zone1	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	8	1	6.50E-04	6.50E-04	3.10E-04	1.00E-03	7.0E-03	1.1E+01	1.2E+04	9.3E-02	5.9E-05	5.4E-08
AOI-27	Zone1	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	8	5	3.50E-04	1.60E-02	3.50E-04	3.50E-04	7.0E-02	2.0E+02	1.3E+06	2.3E-01	8.0E-05	1.3E-08
AOI-27	Zone1	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		8				3.30E-04	1.10E-03	1.0E-01	2.2E+02	7.7E+05			

Table C-3a: On-Site Borehole Water Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-27	Zone1	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	8				4.10E-04	1.40E-03	5.0E-03	1.6E+01	7.8E+05			
AOI-27	Zone1	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	8				3.50E-04	1.20E-03	3.5E-02	5.5E+00	4.0E+03			
AOI-27	Zone1	VOC	Ethyl Benzene	100-41-4	TOTAL	D	8				4.10E-04	1.40E-03	7.0E-01	1.7E+02	5.6E+05			
AOI-27	Zone1	VOC	2-Hexanone	591-78-6	TOTAL		8				5.80E-04	1.90E-03	2.9E+00	5.2E+03				
AOI-27	Zone1	VOC	Methyl Acetate	79-20-9	TOTAL		8				5.40E-04	1.80E-03			2.5E+07			
AOI-27	Zone1	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		8				2.70E-04	9.00E-04	6.9E-01	6.1E+02	6.3E+05			
AOI-27	Zone1	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	8				2.60E-04	8.70E-04	5.2E+00	1.3E+04	1.1E+07			
AOI-27	Zone1	VOC	Methylcyclohexane	108-87-2	TOTAL		8	1	7.70E-04	7.70E-04	4.20E-04	1.40E-03			1.5E+06			5.3E-10
AOI-27	Zone1	VOC	Methylene Chloride	75-09-2	TOTAL	B2	8				2.90E-04	9.70E-04	5.0E-03	2.2E+02	2.1E+05			
AOI-27	Zone1	VOC	Styrene	100-42-5	TOTAL		8				3.50E-04	1.20E-03	1.0E-01	9.7E+00	5.1E+05			
AOI-27	Zone1	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	8				3.60E-04	1.20E-03	3.5E-02	4.7E+00	8.5E+04			
AOI-27	Zone1	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	8				4.20E-04	1.40E-03	5.0E-03	1.2E+01	1.4E+05			
AOI-27	Zone1	VOC	Toluene	108-88-3	TOTAL	D	8	5	4.30E-04	7.20E-04	3.90E-04	1.30E-03	1.0E+00	5.3E+02	4.9E+05	7.2E-04	1.4E-06	1.5E-09
AOI-27	Zone1	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	8				4.00E-04	1.30E-03	7.0E-02	1.9E+01				
AOI-27	Zone1	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	8	2	1.20E-03	1.90E-03	3.90E-04	1.30E-03	2.0E-01	1.3E+03	1.6E+06	9.5E-03	1.5E-06	1.2E-09
AOI-27	Zone1	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	8				3.60E-04	1.20E-03	5.0E-03	2.1E+01	2.3E+05			
AOI-27	Zone1	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	8	4	1.70E-02	9.00E-02	4.20E-04	4.20E-04	5.0E-03	2.2E+01	2.8E+05	**1.8E+01**	4.1E-03	3.3E-07
AOI-27	Zone1	VOC	Trichlorofluoromethane	75-69-4	TOTAL		8				5.40E-04	1.80E-03	7.3E+00	1.1E+03	2.3E+06			
AOI-27	Zone1	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	TOTAL		8	1	1.70E-03	1.70E-03	3.20E-04	1.10E-03	1.7E+02	1.7E+02	2.4E+06	1.0E-05	1.0E-05	7.1E-10
AOI-27	Zone1	VOC	Vinyl Chloride	75-01-4	TOTAL	A	8	3	1.20E-03	6.90E-03	3.60E-04	3.60E-04	2.0E-03	1.0E+00	1.3E+03	**3.5E+00**	6.9E-03	5.3E-06
AOI-27	Zone1	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	8				4.40E-04	1.50E-03	1.0E+01	1.9E+02	5.7E+05			
AOI-27	Zone1	SVOC	Acenaphthene	83-32-9	TOTAL		8				8.00E-04	8.00E-04	3.8E+00	4.2E+00				
AOI-27	Zone1	SVOC	Acenaphthylene	208-96-8	TOTAL	D	8				7.10E-04	7.10E-04	1.5E-01	3.9E+00				
AOI-27	Zone1	SVOC	Acetophenone	98-86-2	TOTAL	D	8				2.60E-03	2.60E-03	4.4E+00	6.1E+03	1.5E+07			
AOI-27	Zone1	SVOC	Anthracene	120-12-7	TOTAL	D	8				6.80E-04	6.80E-04	4.3E-02	4.3E-02				
AOI-27	Zone1	SVOC	Atrazine	1912-24-9	TOTAL	C	8				2.50E-03	2.50E-03	3.0E-03	5.4E+00	1.7E+09			
AOI-27	Zone1	SVOC	Benzaldehyde	100-52-7	TOTAL		8				2.80E-03	2.80E-03						
AOI-27	Zone1	SVOC	Benzo(a)anthracene	56-55-3	TOTAL	B2	8				7.00E-04	7.00E-04	8.5E-03	9.4E-03				
AOI-27	Zone1	SVOC	Benzo(a)pyrene	50-32-8	TOTAL	B2	8				7.30E-04	7.30E-04	5.0E-03	2.0E-03				
AOI-27	Zone1	SVOC	Benzo(b)fluoranthene	205-99-2	TOTAL	B2	8				9.40E-04	9.40E-04	2.0E-03	2.0E-03				
AOI-27	Zone1	SVOC	Benzo(g,h,i)perylene	191-24-2	TOTAL	D	8				8.50E-04	8.50E-04	5.0E-03	5.0E-03				
AOI-27	Zone1	SVOC	Benzo(k)fluoranthene	207-08-9	TOTAL	B2	8				8.40E-04	8.40E-04	5.0E-03	5.0E-03				
AOI-27	Zone1	SVOC	Biphenyl	92-52-4	TOTAL	D	8				2.60E-03	2.60E-03						
AOI-27	Zone1	SVOC	bis(2-Chloroethoxy)methane	111-91-1	TOTAL	D	8				8.70E-04	8.70E-04						
AOI-27	Zone1	SVOC	bis(2-Chloroethyl) ether	111-44-4	TOTAL	B2	8				9.70E-04	9.70E-04	8.3E-03	5.7E+00	5.6E+06			
AOI-27	Zone1	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	TOTAL	B2	8				2.70E-03	2.70E-03	6.0E-03	3.2E-01	1.6E+08			
AOI-27	Zone1	SVOC	4-Bromophenyl-phenyl ether	101-55-3	TOTAL	D	8				8.80E-04	8.80E-04						
AOI-27	Zone1	SVOC	Butylbenzylphthalate	85-68-7	TOTAL	C	8				8.80E-04	8.80E-04	2.7E+00	2.7E+00				
AOI-27	Zone1	SVOC	Caprolactam	105-60-2	TOTAL		8				2.50E-03	2.50E-03	1.7E+01	3.9E+05				
AOI-27	Zone1	SVOC	Carbazole	86-74-8	TOTAL	B2	8				8.20E-04	8.20E-04	3.5E-01	7.4E+00				
AOI-27	Zone1	SVOC	4-Chloro-3-methylphenol	59-50-7	TOTAL		8				9.90E-04	9.90E-04	4.2E-01	7.9E+01				
AOI-27	Zone1	SVOC	4-Chloroaniline	106-47-8	TOTAL		8				6.10E-04	6.10E-04						
AOI-27	Zone1	SVOC	2-Chloronaphthalene	91-58-7	TOTAL		8				8.50E-04	8.50E-04	5.2E+00	6.7E+00				
AOI-27	Zone1	SVOC	2-Chlorophenol	95-57-8	TOTAL		8				1.00E-03	1.00E-03	1.3E-01	9.4E+01				
AOI-27	Zone1	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3	TOTAL		8				7.90E-04	7.90E-04						
AOI-27	Zone1	SVOC	Chrysene	218-01-9	TOTAL	B2	8				7.50E-04	7.50E-04	5.0E-03	5.0E-03				
AOI-27	Zone1	SVOC	Dibenz(a,h)anthracene	53-70-3	TOTAL	B2	8				7.90E-04	7.90E-04	2.0E-03	2.0E-03				
AOI-27	Zone1	SVOC	Dibenzofuran	132-64-9	TOTAL	D	8				1.10E-03	1.10E-03						
AOI-27	Zone1	SVOC	3,3'-Dichlorobenzidine	91-94-1	TOTAL	B2	8				9.30E-04	9.30E-04	4.3E-03	1.8E-01				

Table C-3a: On-Site Borehole Water Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-27	Zone1	SVOC	2,4-Dichlorophenol	120-83-2	TOTAL		8				8.50E-04	8.50E-04	2.1E-01	4.8E+01				
AOI-27	Zone1	SVOC	Diethylphthalate	84-66-2	TOTAL	D	8	1	6.50E-04	6.50E-04	6.50E-04	6.50E-04	1.6E+01	1.1E+03	3.6E+07	4.1E-05	5.9E-07	1.8E-11
AOI-27	Zone1	SVOC	2,4-Dimethylphenol	105-67-9	TOTAL		8				8.50E-04	8.50E-04	1.0E+00	5.2E+02				
AOI-27	Zone1	SVOC	Dimethylphthalate	131-11-3	TOTAL	D	8				7.60E-04	7.60E-04	2.1E+02	4.2E+03	1.5E+08			
AOI-27	Zone1	SVOC	Di-n-butylphthalate	84-74-2	TOTAL	D	8				6.70E-04	6.70E-04	2.5E+00	1.1E+01	1.4E+09			
AOI-27	Zone1	SVOC	4,6-Dinitro-2-methylphenol	534-52-1	TOTAL		8				1.30E-03	1.30E-03	2.0E-02	9.5E+00				
AOI-27	Zone1	SVOC	2,4-Dinitrophenol	51-28-5	TOTAL		8				3.00E-03	3.00E-03						
AOI-27	Zone1	SVOC	2,4-Dinitrotoluene	121-14-2	TOTAL	B2	8				7.90E-04	7.90E-04	3.2E-02	8.6E+00				
AOI-27	Zone1	SVOC	2,6-Dinitrotoluene	606-20-2	TOTAL	B2	8				5.70E-04	5.70E-04						
AOI-27	Zone1	SVOC	Di-n-octylphthalate	117-84-0	TOTAL		8				1.10E-03	1.10E-03	3.8E-01	4.0E-01				
AOI-27	Zone1	SVOC	Fluoranthene	206-44-0	TOTAL	D	8				8.10E-04	8.10E-04	2.1E-01	2.1E-01				
AOI-27	Zone1	SVOC	Fluorene	86-73-7	TOTAL	D	8				1.00E-03	1.00E-03	2.0E+00	2.0E+00				
AOI-27	Zone1	SVOC	Hexachlorobenzene	118-74-1	TOTAL	B2	8				7.40E-04	7.40E-04	1.0E-03	4.6E-03	9.1E+00			
AOI-27	Zone1	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	8				7.30E-04	7.30E-04	4.2E-02	4.0E-01	3.0E+01			
AOI-27	Zone1	SVOC	Hexachlorocyclopentadiene	77-47-4	TOTAL	E	8				1.10E-03	1.10E-03	5.0E-02	1.6E+00	1.1E+02			
AOI-27	Zone1	SVOC	Hexachloroethane	67-72-1	TOTAL	C	8				7.40E-04	7.40E-04	2.1E-02	1.9E+00	5.8E+04			
AOI-27	Zone1	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	TOTAL	B2	8				6.30E-04	6.30E-04	2.0E-03	2.0E-03				
AOI-27	Zone1	SVOC	Isophorone	78-59-1	TOTAL	C	8				6.30E-04	6.30E-04	3.1E+00	9.9E+02	1.2E+07			
AOI-27	Zone1	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	8				6.40E-04	6.40E-04	7.5E-01	2.5E+01				
AOI-27	Zone1	SVOC	Methylphenol (total)	1319-77-3	TOTAL		8				1.30E-03	1.30E-03	1.0E+00	8.1E+02	8.2E+07			
AOI-27	Zone1	SVOC	Naphthalene	91-20-3	TOTAL	C	8				7.50E-04	7.50E-04	1.5E+00	3.1E+01	4.7E+05			
AOI-27	Zone1	SVOC	2-Nitroaniline	88-74-4	TOTAL		8				7.00E-04	7.00E-04						
AOI-27	Zone1	SVOC	3-Nitroaniline	99-09-2	TOTAL	C	8				7.10E-04	7.10E-04						
AOI-27	Zone1	SVOC	4-Nitroaniline	100-01-6	TOTAL	C	8				1.30E-03	1.30E-03			6.7E+08			
AOI-27	Zone1	SVOC	Nitrobenzene	98-95-3	TOTAL	D	8				8.10E-04	8.10E-04	9.6E-03	1.1E+01	7.2E+05			
AOI-27	Zone1	SVOC	2-Nitrophenol	88-75-5	TOTAL		8				2.10E-03	2.10E-03	5.8E-02	7.9E+01				
AOI-27	Zone1	SVOC	4-Nitrophenol	100-02-7	TOTAL		8				1.90E-03	1.90E-03						
AOI-27	Zone1	SVOC	N-Nitrosodiphenylamine	86-30-6	TOTAL	B2	8				1.40E-03	1.40E-03	1.1E+00	3.5E+01				
AOI-27	Zone1	SVOC	N-Nitroso-di-n-propylamine	621-64-7	TOTAL	B2	8				6.70E-04	6.70E-04	5.0E-03	3.6E-01				
AOI-27	Zone1	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	TOTAL	C	7				7.80E-04	7.80E-04						
AOI-27	Zone1	SVOC	Pentachlorophenol	87-86-5	TOTAL	B2	8				2.40E-03	2.40E-03	1.0E-03	2.0E-01	6.1E+07			
AOI-27	Zone1	SVOC	Phenanthrene	85-01-8	TOTAL	D	8				8.20E-04	8.20E-04	1.5E-01	1.0E+00				
AOI-27	Zone1	SVOC	Phenol	108-95-2	TOTAL	ID	8				2.60E-03	2.60E-03	1.3E+01	2.9E+04	1.5E+08			
AOI-27	Zone1	SVOC	Pyrene	129-00-0	TOTAL	D	8				1.10E-03	1.10E-03	1.4E-01	1.4E-01				
AOI-27	Zone1	SVOC	2,4,5-Trichlorophenol	95-95-4	TOTAL		8				1.20E-03	1.20E-03	2.1E+00	1.7E+02				
AOI-27	Zone1	SVOC	2,4,6-Trichlorophenol	88-06-2	TOTAL	B2	8				1.70E-03	1.70E-03	4.7E-01	1.0E+01				
AOI-27	Zone1	P/PCB	PCBs (total)	1336-36-3	TOTAL	B2	8				8.20E-05	8.20E-05	5.0E-04	3.3E-03	1.1E+03			
AOI-27	Zone1	INORG	Aluminum	7429-90-5	TOTAL	D	8	8	4.50E+00	7.91E+01			4.1E+00	6.4E+04		1.9E+01	1.2E-03	
AOI-27	Zone1	INORG	Antimony	7440-36-0	TOTAL		8				3.40E-03	3.40E-03	6.0E-03	6.8E+01				
AOI-27	Zone1	INORG	Arsenic	7440-38-2	TOTAL	A	8	8	5.10E-03	2.60E-01			5.0E-02	4.3E+00		5.2E+00	6.0E-02	
AOI-27	Zone1	INORG	Barium	7440-39-3	TOTAL	D	8	8	7.60E-02	8.90E-01			2.0E+00	1.4E+04		4.5E-01	6.4E-05	
AOI-27	Zone1	INORG	Beryllium	7440-41-7	TOTAL	B1	8	5	9.10E-04	4.20E-03	6.00E-04	6.00E-04	4.0E-03	2.9E+02		1.1E+00	1.4E-05	
AOI-27	Zone1	INORG	Cadmium	7440-43-9	TOTAL	B1	8	7	4.70E-04	7.40E-03	2.80E-04	2.80E-04	5.0E-03	1.9E+02		1.5E+00	3.9E-05	
AOI-27	Zone1	INORG	Calcium	7440-70-2	TOTAL		8	8	1.12E+02	1.93E+03								
AOI-27	Zone1	INORG	Chromium (total)	7440-47-3	TOTAL		8	8	1.40E-01	1.70E+00			1.0E-01	4.6E+02		1.7E+01	3.7E-03	
AOI-27	Zone1	INORG	Cobalt	7440-48-4	TOTAL	B1	8	8	5.60E-03	9.10E-02			1.0E-01	2.4E+03		9.1E-01	3.8E-05	
AOI-27	Zone1	INORG	Copper	7440-50-8	TOTAL	D	8	8	1.20E-02	2.90E-01			4.0E+00	7.4E+03		7.3E-02	3.9E-05	
AOI-27	Zone1	INORG	Cyanide (total)	57-12-5	TOTAL	D	8				1.80E-03	1.80E-03	2.0E-01	5.7E+01				
AOI-27	Zone1	INORG	Iron	7439-89-6	TOTAL	D	8	8	1.48E+01	1.97E+02			5.6E+00	5.8E+04		3.5E+01	3.4E-03	

Table C-3a: On-Site Borehole Water Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-27	Zone1	INORG	Lead	7439-92-1	TOTAL	B2	8	8	6.70E-03	1.00E-01			4.0E-03			2.5E+01		
AOI-27	Zone1	INORG	Magnesium	7439-95-4	TOTAL		8	8	3.34E+01	2.10E+02			1.1E+03	1.0E+06		1.9E-01	2.1E-04	
AOI-27	Zone1	INORG	Manganese	7439-96-5	TOTAL	D	8	8	3.20E-01	5.70E+00			2.5E+00	9.1E+03		2.3E+00	6.3E-04	
AOI-27	Zone1	INORG	Mercury	7439-97-6	TOTAL	D	8	7	8.80E-05	1.20E-02	8.70E-05	8.70E-05	2.0E-03	5.6E-02	4.6E+01	6.0E+00	2.1E-01	2.6E-04
AOI-27	Zone1	INORG	Nickel	7440-02-0	TOTAL	A	8	8	7.30E-02	1.30E+00			1.0E-01	7.4E+04		1.3E+01	1.8E-05	
AOI-27	Zone1	INORG	Potassium	7440-09-7	TOTAL		8	8	2.60E+00	2.05E+01								
AOI-27	Zone1	INORG	Selenium	7782-49-2	TOTAL	D	8	1	5.90E-03	5.90E-03	4.70E-03	4.70E-03	5.0E-02	9.7E+02		1.2E-01	6.1E-06	
AOI-27	Zone1	INORG	Silver	7440-22-4	TOTAL	D	8				9.80E-04	9.80E-04	9.8E-02	1.5E+03				
AOI-27	Zone1	INORG	Sodium	7440-23-5	TOTAL		8	8	1.34E+01	2.53E+02			3.5E+02	1.0E+06		7.2E-01	2.5E-04	
AOI-27	Zone1	INORG	Thallium	7440-28-0	TOTAL		8				5.20E-03	5.20E-03	2.0E-03	1.3E+01				
AOI-27	Zone1	INORG	Vanadium	7440-62-2	TOTAL		8	8	1.10E-02	2.40E-01			6.2E-02	9.7E+02		3.9E+00	2.5E-04	
AOI-27	Zone1	INORG	Zinc	7440-66-6	TOTAL	D	8	8	4.80E-02	1.10E+00			5.0E+00	1.1E+05		2.2E-01	1.0E-05	
AOI-48 (NW)	Zone1	VOC	Acetone	67-64-1	TOTAL	ID	4				5.10E-04	5.10E-03	2.1E+00	3.1E+04	1.6E+08			
AOI-48 (NW)	Zone1	VOC	Benzene	71-43-2	TOTAL	A	4				1.60E-04	1.60E-03	5.0E-03	1.1E+01	4.3E+03			
AOI-48 (NW)	Zone1	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	4				1.70E-04	1.70E-03	1.0E-01	1.4E+01				
AOI-48 (NW)	Zone1	VOC	Bromoform	75-25-2	TOTAL	B2	4				1.80E-04	1.80E-03	1.0E-01	1.4E+02	5.2E+04			
AOI-48 (NW)	Zone1	VOC	Bromomethane	74-83-9	TOTAL	D	4				2.00E-04	2.00E-03	2.9E-02	7.0E+01	4.7E+03			
AOI-48 (NW)	Zone1	VOC	2-Butanone	78-93-3	TOTAL	ID	4				4.10E-04	4.10E-03	3.8E+01	2.4E+05	3.7E+07			
AOI-48 (NW)	Zone1	VOC	Carbon Disulfide	75-15-0	TOTAL		4				2.00E-04	2.00E-03	2.3E+00	1.2E+03	6.8E+03			
AOI-48 (NW)	Zone1	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	4				1.20E-04	1.20E-03	5.0E-03	4.6E+00	8.2E+03			
AOI-48 (NW)	Zone1	VOC	Chlorobenzene	108-90-7	TOTAL	D	4				1.40E-04	1.40E-03	1.0E-01	8.6E+01	6.6E+05			
AOI-48 (NW)	Zone1	VOC	Chloroethane	75-00-3	TOTAL		4				2.60E-04	2.60E-03	1.7E+00	4.4E+02	7.6E+06			
AOI-48 (NW)	Zone1	VOC	Chloroform	67-66-3	TOTAL	B2	4				1.40E-04	1.40E-03	1.0E-01	1.5E+02	1.7E+04			
AOI-48 (NW)	Zone1	VOC	Chloromethane	74-87-3	TOTAL	D	4				1.30E-04	1.30E-03	1.1E+00	4.9E+02	8.7E+04			
AOI-48 (NW)	Zone1	VOC	Cumene	98-82-8	TOTAL	D	4				1.20E-04	1.20E-03	2.3E+00	5.6E+01	6.9E+04			
AOI-48 (NW)	Zone1	VOC	Cyclohexane	110-82-7	TOTAL	ID	4				1.30E-04	1.30E-03			3.5E+05			
AOI-48 (NW)	Zone1	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	4				6.20E-04	6.20E-03	2.0E-04	3.9E-01				
AOI-48 (NW)	Zone1	VOC	Dibromochloromethane	124-48-1	TOTAL	C	4				2.60E-04	2.60E-03	1.0E-01	1.8E+01				
AOI-48 (NW)	Zone1	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	4				2.20E-04	2.20E-03	1.0E-03	2.5E-02				
AOI-48 (NW)	Zone1	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	4				1.10E-04	1.10E-03	6.0E-01	1.6E+02	4.7E+05			
AOI-48 (NW)	Zone1	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	4				1.50E-04	1.50E-03	1.9E-02	2.0E+00				
AOI-48 (NW)	Zone1	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	4				1.70E-04	1.70E-03	7.5E-02	6.4E+00	1.2E+06			
AOI-48 (NW)	Zone1	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		4				2.60E-04	2.60E-03	4.8E+00	3.0E+02	1.6E+06			
AOI-48 (NW)	Zone1	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	4	2	1.30E-03	3.20E-03	1.60E-04	1.60E-03	2.5E+00	2.4E+03	5.4E+05	1.3E-03	1.3E-06	5.9E-09
AOI-48 (NW)	Zone1	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	4				2.10E-04	2.10E-03	5.0E-03	1.9E+01	1.8E+04			
AOI-48 (NW)	Zone1	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	4				2.40E-04	2.40E-03	7.0E-03	1.1E+01	1.2E+04			
AOI-48 (NW)	Zone1	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	4	3	1.10E-03	2.80E-02	2.20E-04	2.20E-04	7.0E-02	2.0E+02	1.3E+06	4.0E-01	1.4E-04	2.2E-08
AOI-48 (NW)	Zone1	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		4	1	1.60E-04	1.60E-04	1.50E-04	1.50E-03	1.0E-01	2.2E+02	7.7E+05	1.6E-03	7.3E-07	2.1E-10
AOI-48 (NW)	Zone1	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	4				1.70E-04	1.70E-03	5.0E-03	1.6E+01	7.8E+05			
AOI-48 (NW)	Zone1	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	4				2.70E-04	2.70E-03	3.5E-02	5.5E+00	4.0E+03			
AOI-48 (NW)	Zone1	VOC	Ethyl Benzene	100-41-4	TOTAL	D	4				1.20E-04	1.20E-03	7.0E-01	1.7E+02	5.6E+05			
AOI-48 (NW)	Zone1	VOC	2-Hexanone	591-78-6	TOTAL		4				4.60E-04	4.60E-03	2.9E+00	5.2E+03				
AOI-48 (NW)	Zone1	VOC	Methyl Acetate	79-20-9	TOTAL		4				4.10E-04	4.10E-03			2.5E+07			
AOI-48 (NW)	Zone1	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		4				1.30E-04	1.30E-03	6.9E-01	6.1E+02	6.3E+05			
AOI-48 (NW)	Zone1	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	4				2.30E-04	2.30E-03	5.2E+00	1.3E+04	1.1E+07			
AOI-48 (NW)	Zone1	VOC	Methylcyclohexane	108-87-2	TOTAL		4				1.50E-04	1.50E-03			1.5E+06			
AOI-48 (NW)	Zone1	VOC	Methylene Chloride	75-09-2	TOTAL	B2	4				3.40E-04	3.40E-03	5.0E-03	2.2E+02	2.1E+05			
AOI-48 (NW)	Zone1	VOC	Styrene	100-42-5	TOTAL		4				1.50E-04	1.50E-03	1.0E-01	9.7E+00	5.1E+05			
AOI-48 (NW)	Zone1	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	4				2.50E-04	2.50E-03	3.5E-02	4.7E+00	8.5E+04			

Table C-3a: On-Site Borehole Water Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-48 (NW)	Zone1	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	4				2.30E-04	2.30E-03	5.0E-03	1.2E+01	1.4E+05			
AOI-48 (NW)	Zone1	VOC	Toluene	108-88-3	TOTAL	D	4				1.80E-04	1.80E-03	1.0E+00	5.3E+02	4.9E+05			
AOI-48 (NW)	Zone1	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	4				1.70E-04	1.70E-03	7.0E-02	1.9E+01				
AOI-48 (NW)	Zone1	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	4	1	1.70E-03	1.70E-03	1.50E-04	1.50E-03	2.0E-01	1.3E+03	1.6E+06	8.5E-03	1.3E-06	1.1E-09
AOI-48 (NW)	Zone1	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	4				3.00E-04	3.00E-03	5.0E-03	2.1E+01	2.3E+05			
AOI-48 (NW)	Zone1	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	4	3	1.20E-03	3.20E-01	1.40E-04	1.40E-04	5.0E-03	2.2E+01	2.8E+05	6.4E+01	1.5E-02	1.2E-06
AOI-48 (NW)	Zone1	VOC	Trichlorofluoromethane	75-69-4	TOTAL		4				2.80E-04	2.80E-03	7.3E+00	1.1E+03	2.3E+06			
AOI-48 (NW)	Zone1	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	TOTAL		4				3.20E-04	3.20E-03	1.7E+02	1.7E+02	2.4E+06			
AOI-48 (NW)	Zone1	VOC	Vinyl Chloride	75-01-4	TOTAL	A	4	2	3.10E-03	1.10E-02	1.50E-04	1.50E-04	2.0E-03	1.0E+00	1.3E+03	5.5E+00	1.1E-02	8.4E-06
AOI-48 (NW)	Zone1	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	4				3.30E-04	3.30E-03	1.0E+01	1.9E+02	5.7E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	Acetone	67-64-1	TOTAL	ID	12				5.10E-04	2.50E-02	2.1E+00	3.1E+04	1.6E+08			
AOI-48 (NW)	Zone1/Zone2	VOC	Acrolein	107-02-8	TOTAL	ID	10				5.00E-03	5.00E-03	3.3E-01	3.4E+03	7.3E+03			
AOI-48 (NW)	Zone1/Zone2	VOC	Acrylonitrile	107-13-1	TOTAL	B1	10				1.00E-03	1.00E-03	1.1E-02	1.4E+01	1.5E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	Benzene	71-43-2	TOTAL	A	12				1.60E-04	1.00E-03	5.0E-03	1.1E+01	4.3E+03			
AOI-48 (NW)	Zone1/Zone2	VOC	Bromobenzene	108-86-1	TOTAL		10				1.00E-03	1.00E-03	5.0E-02	1.2E+01				
AOI-48 (NW)	Zone1/Zone2	VOC	Bromochloromethane	74-97-5	TOTAL		10				1.00E-03	1.00E-03						
AOI-48 (NW)	Zone1/Zone2	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	12	1	1.10E-03	1.10E-03	1.70E-04	1.00E-03	1.0E-01	1.4E+01		1.1E-02	7.9E-05	
AOI-48 (NW)	Zone1/Zone2	VOC	Bromoform	75-25-2	TOTAL	B2	12				1.80E-04	1.00E-03	1.0E-01	1.4E+02	5.2E+04			
AOI-48 (NW)	Zone1/Zone2	VOC	Bromomethane	74-83-9	TOTAL	D	12				2.00E-04	1.00E-03	2.9E-02	7.0E+01	4.7E+03			
AOI-48 (NW)	Zone1/Zone2	VOC	2-Butanone	78-93-3	TOTAL	ID	12				4.10E-04	2.50E-02	3.8E+01	2.4E+05	3.7E+07			
AOI-48 (NW)	Zone1/Zone2	VOC	n-Butylbenzene	104-51-8	TOTAL		10				1.00E-03	1.00E-03	2.3E-01	5.9E+00				
AOI-48 (NW)	Zone1/Zone2	VOC	sec-Butylbenzene	135-98-8	TOTAL		10				1.00E-03	1.00E-03	2.3E-01	4.4E+00				
AOI-48 (NW)	Zone1/Zone2	VOC	tert-Butylbenzene	98-06-6	TOTAL		10				1.00E-03	1.00E-03	2.3E-01	8.9E+00				
AOI-48 (NW)	Zone1/Zone2	VOC	Carbon Disulfide	75-15-0	TOTAL		12				2.00E-04	5.00E-03	2.3E+00	1.2E+03	6.8E+03			
AOI-48 (NW)	Zone1/Zone2	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	12				1.20E-04	1.00E-03	5.0E-03	4.6E+00	8.2E+03			
AOI-48 (NW)	Zone1/Zone2	VOC	3-Chloro-1-propene	107-05-1	TOTAL		10				1.00E-03	1.00E-03			3.2E+03			
AOI-48 (NW)	Zone1/Zone2	VOC	Chlorobenzene	108-90-7	TOTAL	D	12				1.40E-04	1.00E-03	1.0E-01	8.6E+01	6.6E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	Chloroethane	75-00-3	TOTAL		12				2.60E-04	1.00E-03	1.7E+00	4.4E+02	7.6E+06			
AOI-48 (NW)	Zone1/Zone2	VOC	2-Chloroethylvinyl ether	110-75-8	TOTAL		10				1.00E-02	1.00E-02						
AOI-48 (NW)	Zone1/Zone2	VOC	Chloroform	67-66-3	TOTAL	B2	12	3	1.20E-03	1.80E-02	1.40E-04	1.00E-03	1.0E-01	1.5E+02	1.7E+04	1.8E-01	1.2E-04	1.1E-06
AOI-48 (NW)	Zone1/Zone2	VOC	Chloromethane	74-87-3	TOTAL	D	12				1.30E-04	1.00E-03	1.1E+00	4.9E+02	8.7E+04			
AOI-48 (NW)	Zone1/Zone2	VOC	2-Chlorotoluene	95-49-8	TOTAL		10				1.00E-03	1.00E-03	4.2E-01	4.4E+01				
AOI-48 (NW)	Zone1/Zone2	VOC	4-Chlorotoluene	106-43-4	TOTAL		10				1.00E-03	1.00E-03						
AOI-48 (NW)	Zone1/Zone2	VOC	Cumene	98-82-8	TOTAL	D	12				1.20E-04	5.00E-03	2.3E+00	5.6E+01	6.9E+04			
AOI-48 (NW)	Zone1/Zone2	VOC	Cyclohexane	110-82-7	TOTAL	ID	2				1.30E-04	5.20E-04			3.5E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	p-Cymene	99-87-6	TOTAL		10				1.00E-03	1.00E-03						
AOI-48 (NW)	Zone1/Zone2	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	12				6.20E-04	2.50E-03	2.0E-04	3.9E-01				
AOI-48 (NW)	Zone1/Zone2	VOC	Dibromochloromethane	124-48-1	TOTAL	C	12				2.60E-04	1.00E-03	1.0E-01	1.8E+01				
AOI-48 (NW)	Zone1/Zone2	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	12				2.20E-04	1.00E-03	1.0E-03	2.5E-02				
AOI-48 (NW)	Zone1/Zone2	VOC	Dibromomethane	74-95-3	TOTAL		10				5.00E-03	5.00E-03	2.3E-01	5.3E+02				
AOI-48 (NW)	Zone1/Zone2	VOC	trans-1,4-Dichloro-2-butene	110-57-6	TOTAL		10				1.00E-03	1.00E-03						
AOI-48 (NW)	Zone1/Zone2	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	12				1.10E-04	1.00E-03	6.0E-01	1.6E+02	4.7E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	12				1.50E-04	1.00E-03	1.9E-02	2.0E+00				
AOI-48 (NW)	Zone1/Zone2	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	12				1.70E-04	1.00E-03	7.5E-02	6.4E+00	1.2E+06			
AOI-48 (NW)	Zone1/Zone2	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		12				2.60E-04	1.00E-03	4.8E+00	3.0E+02	1.6E+06			
AOI-48 (NW)	Zone1/Zone2	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	12				1.60E-04	1.00E-03	2.5E+00	2.4E+03	5.4E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	12				2.10E-04	1.00E-03	5.0E-03	1.9E+01	1.8E+04			
AOI-48 (NW)	Zone1/Zone2	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	12	3	1.90E-03	3.20E-03	2.40E-04	1.00E-03	7.0E-03	1.1E+01	1.2E+04	4.6E-01	2.9E-04	2.7E-07
AOI-48 (NW)	Zone1/Zone2	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	12	5	3.70E-03	1.00E-01	2.20E-04	1.00E-03	7.0E-02	2.0E+02	1.3E+06	1.4E+00	5.0E-04	7.8E-08

Table C-3a: On-Site Borehole Water Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-48 (NW)	Zone1/Zone2	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		12	5	2.90E-03	9.40E-02	1.50E-04	1.00E-03	1.0E-01	2.2E+02	7.7E+05	9.4E-01	4.3E-04	1.2E-07
AOI-48 (NW)	Zone1/Zone2	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	12				1.70E-04	1.00E-03	5.0E-03	1.6E+01	7.8E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	1,3-Dichloropropane	142-28-9	TOTAL		10				1.00E-03	1.00E-03						
AOI-48 (NW)	Zone1/Zone2	VOC	2,2-Dichloropropane	594-20-7	TOTAL		10				1.00E-03	1.00E-03						
AOI-48 (NW)	Zone1/Zone2	VOC	1,1-Dichloropropene	563-58-6	TOTAL		10				1.00E-03	1.00E-03						
AOI-48 (NW)	Zone1/Zone2	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	12				2.70E-04	1.10E-03	3.5E-02	5.5E+00	4.0E+03			
AOI-48 (NW)	Zone1/Zone2	VOC	Ethyl Benzene	100-41-4	TOTAL	D	12				1.20E-04	1.00E-03	7.0E-01	1.7E+02	5.6E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	2-Hexanone	591-78-6	TOTAL		12				4.60E-04	5.00E-02	2.9E+00	5.2E+03				
AOI-48 (NW)	Zone1/Zone2	VOC	Iodomethane	74-88-4	TOTAL		10				1.00E-03	1.00E-03						
AOI-48 (NW)	Zone1/Zone2	VOC	Methyl Acetate	79-20-9	TOTAL		2				4.10E-04	1.60E-03			2.5E+07			
AOI-48 (NW)	Zone1/Zone2	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		12				1.30E-04	5.00E-03	6.9E-01	6.1E+02	6.3E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	12				2.30E-04	5.00E-02	5.2E+00	1.3E+04	1.1E+07			
AOI-48 (NW)	Zone1/Zone2	VOC	Methylcyclohexane	108-87-2	TOTAL		2				1.50E-04	6.00E-04			1.5E+06			
AOI-48 (NW)	Zone1/Zone2	VOC	Methylene Chloride	75-09-2	TOTAL	B2	12				3.40E-04	5.00E-03	5.0E-03	2.2E+02	2.1E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	Diisopropyl ether	108-20-3	TOTAL		10				1.00E-03	1.00E-03	8.6E-02	8.0E+00				
AOI-48 (NW)	Zone1/Zone2	VOC	n-Propylbenzene	103-65-1	TOTAL		10				1.00E-03	1.00E-03	2.3E-01	1.5E+01				
AOI-48 (NW)	Zone1/Zone2	VOC	Styrene	100-42-5	TOTAL		12				1.50E-04	1.00E-03	1.0E-01	9.7E+00	5.1E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	1,1,1,2-Tetrachloroethane	630-20-6	TOTAL		10				1.00E-03	1.00E-03	3.2E-01	3.0E+01				
AOI-48 (NW)	Zone1/Zone2	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	12				2.50E-04	1.00E-03	3.5E-02	4.7E+00	8.5E+04			
AOI-48 (NW)	Zone1/Zone2	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	12				2.30E-04	1.00E-03	5.0E-03	1.2E+01	1.4E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	Tetrahydrofuran	109-99-9	TOTAL		10				1.00E-01	1.00E-01	2.7E-01	1.6E+03	9.0E+06			
AOI-48 (NW)	Zone1/Zone2	VOC	Toluene	108-88-3	TOTAL	D	12	3	1.10E-03	1.10E-03	1.80E-04	1.00E-03	1.0E+00	5.3E+02	4.9E+05	1.1E-03	2.1E-06	2.3E-09
AOI-48 (NW)	Zone1/Zone2	VOC	1,2,3-Trichlorobenzene	87-61-6	TOTAL		10				5.00E-03	5.00E-03						
AOI-48 (NW)	Zone1/Zone2	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	12				1.70E-04	5.00E-03	7.0E-02	1.9E+01				
AOI-48 (NW)	Zone1/Zone2	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	12	1	4.30E-03	4.30E-03	1.50E-04	1.00E-03	2.0E-01	1.3E+03	1.6E+06	2.2E-02	3.3E-06	2.8E-09
AOI-48 (NW)	Zone1/Zone2	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	12				3.00E-04	1.20E-03	5.0E-03	2.1E+01	2.3E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	12	8	1.50E-03	2.30E+00	1.40E-04	1.00E-03	5.0E-03	2.2E+01	2.8E+05	4.6E+02	1.0E-01	8.3E-06
AOI-48 (NW)	Zone1/Zone2	VOC	Trichlorofluoromethane	75-69-4	TOTAL		12				2.80E-04	1.10E-03	7.3E+00	1.1E+03	2.3E+06			
AOI-48 (NW)	Zone1/Zone2	VOC	1,2,3-Trichloropropane	96-18-4	TOTAL	B2	10				1.00E-03	1.00E-03	1.2E-01	8.4E+01	6.1E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	TOTAL		2				3.20E-04	1.30E-03	1.7E+02	1.7E+02	2.4E+06			
AOI-48 (NW)	Zone1/Zone2	VOC	1,2,4-Trimethylbenzene	95-63-6	TOTAL		10				1.00E-03	1.00E-03	2.9E+00	5.6E+01	2.0E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	1,3,5-Trimethylbenzene	108-67-8	TOTAL		10				1.00E-03	1.00E-03	2.9E+00	6.1E+01	1.7E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	Vinyl Acetate	108-05-4	TOTAL		10				5.00E-02	5.00E-02	1.8E+00	8.0E+03	2.5E+05			
AOI-48 (NW)	Zone1/Zone2	VOC	Vinyl Chloride	75-01-4	TOTAL	A	12				1.50E-04	1.00E-03	2.0E-03	1.0E+00	1.3E+03			
AOI-48 (NW)	Zone1/Zone2	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	12				3.30E-04	2.00E-03	1.0E+01	1.9E+02	5.7E+05			
AOI-48 (NW)	Zone1/Zone2	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	10				1.00E-03	1.00E-03	4.2E-02	4.0E-01	3.0E+01			
AOI-48 (NW)	Zone1/Zone2	SVOC	Hexachloroethane	67-72-1	TOTAL	C	10				5.00E-03	5.00E-03	2.1E-02	1.9E+00	5.8E+04			
AOI-48 (NW)	Zone1/Zone2	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	10				5.00E-03	5.00E-03	7.5E-01	2.5E+01				
AOI-48 (NW)	Zone1/Zone2	SVOC	Naphthalene	91-20-3	TOTAL	C	10				5.00E-03	5.00E-03	1.5E+00	3.1E+01	4.7E+05			
AOI-48 (NW)	Zone2	VOC	Acetone	67-64-1	TOTAL	ID	16				5.10E-04	2.50E-02	2.1E+00	3.1E+04	1.6E+08			
AOI-48 (NW)	Zone2	VOC	Acrolein	107-02-8	TOTAL	ID	10				5.00E-03	5.00E-03	3.3E-01	3.4E+03	7.3E+03			
AOI-48 (NW)	Zone2	VOC	Acrylonitrile	107-13-1	TOTAL	B1	10				1.00E-03	1.00E-03	1.1E-02	1.4E+01	1.5E+05			
AOI-48 (NW)	Zone2	VOC	Benzene	71-43-2	TOTAL	A	16	3	1.80E-04	4.10E-04	1.60E-04	1.00E-03	5.0E-03	1.1E+01	4.3E+03	8.2E-02	3.7E-05	9.4E-08
AOI-48 (NW)	Zone2	VOC	Bromobenzene	108-86-1	TOTAL		10				1.00E-03	1.00E-03	5.0E-02	1.2E+01				
AOI-48 (NW)	Zone2	VOC	Bromochloromethane	74-97-5	TOTAL		10				1.00E-03	1.00E-03						
AOI-48 (NW)	Zone2	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	16				1.70E-04	1.00E-03	1.0E-01	1.4E+01				
AOI-48 (NW)	Zone2	VOC	Bromoform	75-25-2	TOTAL	B2	16				1.80E-04	1.00E-03	1.0E-01	1.4E+02	5.2E+04			
AOI-48 (NW)	Zone2	VOC	Bromomethane	74-83-9	TOTAL	D	16				2.00E-04	1.00E-03	2.9E-02	7.0E+01	4.7E+03			
AOI-48 (NW)	Zone2	VOC	2-Butanone	78-93-3	TOTAL	ID	16				4.10E-04	2.50E-02	3.8E+01	2.4E+05	3.7E+07			

Table C-3a: On-Site Borehole Water Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-48 (NW)	Zone2	VOC	n-Butylbenzene	104-51-8	TOTAL		10				1.00E-03	1.00E-03	2.3E-01	5.9E+00				
AOI-48 (NW)	Zone2	VOC	sec-Butylbenzene	135-98-8	TOTAL		10				1.00E-03	1.00E-03	2.3E-01	4.4E+00				
AOI-48 (NW)	Zone2	VOC	tert-Butylbenzene	98-06-6	TOTAL		10				1.00E-03	1.00E-03	2.3E-01	8.9E+00				
AOI-48 (NW)	Zone2	VOC	Carbon Disulfide	75-15-0	TOTAL		16				2.00E-04	5.00E-03	2.3E+00	1.2E+03	6.8E+03			
AOI-48 (NW)	Zone2	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	16				1.20E-04	1.00E-03	5.0E-03	4.6E+00	8.2E+03			
AOI-48 (NW)	Zone2	VOC	3-Chloro-1-propene	107-05-1	TOTAL		10				1.00E-03	1.00E-03			3.2E+03			
AOI-48 (NW)	Zone2	VOC	Chlorobenzene	108-90-7	TOTAL	D	16				1.40E-04	1.00E-03	1.0E-01	8.6E+01	6.6E+05			
AOI-48 (NW)	Zone2	VOC	Chloroethane	75-00-3	TOTAL		16				2.60E-04	1.00E-03	1.7E+00	4.4E+02	7.6E+06			
AOI-48 (NW)	Zone2	VOC	2-Chloroethylvinyl ether	110-75-8	TOTAL		10				1.00E-02	1.00E-02						
AOI-48 (NW)	Zone2	VOC	Chloroform	67-66-3	TOTAL	B2	16				1.40E-04	1.00E-03	1.0E-01	1.5E+02	1.7E+04			
AOI-48 (NW)	Zone2	VOC	Chloromethane	74-87-3	TOTAL	D	16	2	1.50E-04	1.70E-04	1.30E-04	1.00E-03	1.1E+00	4.9E+02	8.7E+04	1.5E-04	3.5E-07	2.0E-09
AOI-48 (NW)	Zone2	VOC	2-Chlorotoluene	95-49-8	TOTAL		10				1.00E-03	1.00E-03	4.2E-01	4.4E+01				
AOI-48 (NW)	Zone2	VOC	4-Chlorotoluene	106-43-4	TOTAL		10				1.00E-03	1.00E-03						
AOI-48 (NW)	Zone2	VOC	Cumene	98-82-8	TOTAL	D	16				1.20E-04	5.00E-03	2.3E+00	5.6E+01	6.9E+04			
AOI-48 (NW)	Zone2	VOC	Cyclohexane	110-82-7	TOTAL	ID	6				1.30E-04	2.60E-04			3.5E+05			
AOI-48 (NW)	Zone2	VOC	p-Cymene	99-87-6	TOTAL		10				1.00E-03	1.00E-03						
AOI-48 (NW)	Zone2	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	16				6.20E-04	1.20E-03	2.0E-04	3.9E-01				
AOI-48 (NW)	Zone2	VOC	Dibromochloromethane	124-48-1	TOTAL	C	16				2.60E-04	1.00E-03	1.0E-01	1.8E+01				
AOI-48 (NW)	Zone2	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	16				2.20E-04	1.00E-03	1.0E-03	2.5E-02				
AOI-48 (NW)	Zone2	VOC	Dibromomethane	74-95-3	TOTAL		10				5.00E-03	5.00E-03	2.3E-01	5.3E+02				
AOI-48 (NW)	Zone2	VOC	trans-1,4-Dichloro-2-butene	110-57-6	TOTAL		10				1.00E-03	1.00E-03						
AOI-48 (NW)	Zone2	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	16				1.10E-04	1.00E-03	6.0E-01	1.6E+02	4.7E+05			
AOI-48 (NW)	Zone2	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	16				1.50E-04	1.00E-03	1.9E-02	2.0E+00				
AOI-48 (NW)	Zone2	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	16				1.70E-04	1.00E-03	7.5E-02	6.4E+00	1.2E+06			
AOI-48 (NW)	Zone2	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		16				2.60E-04	1.00E-03	4.8E+00	3.0E+02	1.6E+06			
AOI-48 (NW)	Zone2	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	16	1	5.60E-04	5.60E-04	1.60E-04	1.00E-03	2.5E+00	2.4E+03	5.4E+05	2.2E-04	2.3E-07	1.0E-09
AOI-48 (NW)	Zone2	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	16				2.10E-04	1.00E-03	5.0E-03	1.9E+01	1.8E+04			
AOI-48 (NW)	Zone2	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	16				2.40E-04	1.00E-03	7.0E-03	1.1E+01	1.2E+04			
AOI-48 (NW)	Zone2	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	16	6	1.10E-03	8.80E-02	2.20E-04	1.00E-03	7.0E-02	2.0E+02	1.3E+06	**1.3E+00**	4.4E-04	6.9E-08
AOI-48 (NW)	Zone2	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		16	5	2.30E-03	1.40E-01	1.50E-04	1.00E-03	1.0E-01	2.2E+02	7.7E+05	**1.4E+00**	6.4E-04	1.8E-07
AOI-48 (NW)	Zone2	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	16				1.70E-04	1.00E-03	5.0E-03	1.6E+01	7.8E+05			
AOI-48 (NW)	Zone2	VOC	1,3-Dichloropropane	142-28-9	TOTAL		10				1.00E-03	1.00E-03						
AOI-48 (NW)	Zone2	VOC	2,2-Dichloropropane	594-20-7	TOTAL		10				1.00E-03	1.00E-03						
AOI-48 (NW)	Zone2	VOC	1,1-Dichloropropene	563-58-6	TOTAL		10				1.00E-03	1.00E-03						
AOI-48 (NW)	Zone2	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	16				2.70E-04	1.00E-03	3.5E-02	5.5E+00	4.0E+03			
AOI-48 (NW)	Zone2	VOC	Ethyl Benzene	100-41-4	TOTAL	D	16	1	1.50E-04	1.50E-04	1.20E-04	1.00E-03	7.0E-01	1.7E+02	5.6E+05	2.1E-04	8.8E-07	2.7E-10
AOI-48 (NW)	Zone2	VOC	2-Hexanone	591-78-6	TOTAL		16				4.60E-04	5.00E-02	2.9E+00	5.2E+03				
AOI-48 (NW)	Zone2	VOC	Iodomethane	74-88-4	TOTAL		10				1.00E-03	1.00E-03						
AOI-48 (NW)	Zone2	VOC	Methyl Acetate	79-20-9	TOTAL		6				4.10E-04	8.20E-04			2.5E+07			
AOI-48 (NW)	Zone2	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		16				1.30E-04	5.00E-03	6.9E-01	6.1E+02	6.3E+05			
AOI-48 (NW)	Zone2	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	16				2.30E-04	5.00E-02	5.2E+00	1.3E+04	1.1E+07			
AOI-48 (NW)	Zone2	VOC	Methylcyclohexane	108-87-2	TOTAL		6	1	1.50E-04	1.50E-04	1.50E-04	3.00E-04			1.5E+06			1.0E-10
AOI-48 (NW)	Zone2	VOC	Methylene Chloride	75-09-2	TOTAL	B2	16				3.40E-04	5.00E-03	5.0E-03	2.2E+02	2.1E+05			
AOI-48 (NW)	Zone2	VOC	Diisopropyl ether	108-20-3	TOTAL		10				1.00E-03	1.00E-03	8.6E-02	8.0E+00				
AOI-48 (NW)	Zone2	VOC	n-Propylbenzene	103-65-1	TOTAL		10				1.00E-03	1.00E-03	2.3E-01	1.5E+01				
AOI-48 (NW)	Zone2	VOC	Styrene	100-42-5	TOTAL		16				1.50E-04	1.00E-03	1.0E-01	9.7E+00	5.1E+05			
AOI-48 (NW)	Zone2	VOC	1,1,1,2-Tetrachloroethane	630-20-6	TOTAL		10				1.00E-03	1.00E-03	3.2E-01	3.0E+01				
AOI-48 (NW)	Zone2	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	16				2.50E-04	1.00E-03	3.5E-02	4.7E+00	8.5E+04			
AOI-48 (NW)	Zone2	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	16				2.30E-04	1.00E-03	5.0E-03	1.2E+01	1.4E+05			

Table C-3a: On-Site Borehole Water Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-48 (NW)	Zone2	VOC	Tetrahydrofuran	109-99-9	TOTAL		10				1.00E-01	1.00E-01	2.7E-01	1.6E+03	9.0E+06			
AOI-48 (NW)	Zone2	VOC	Toluene	108-88-3	TOTAL	D	16	3	2.40E-04	1.10E-03	1.80E-04	1.00E-03	1.0E+00	5.3E+02	4.9E+05	1.1E-03	2.1E-06	2.3E-09
AOI-48 (NW)	Zone2	VOC	1,2,3-Trichlorobenzene	87-61-6	TOTAL		10				5.00E-03	5.00E-03						
AOI-48 (NW)	Zone2	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	16				1.70E-04	5.00E-03	7.0E-02	1.9E+01				
AOI-48 (NW)	Zone2	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	16	1	1.20E-03	1.20E-03	1.50E-04	1.00E-03	2.0E-01	1.3E+03	1.6E+06	6.0E-03	9.2E-07	7.7E-10
AOI-48 (NW)	Zone2	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	16				3.00E-04	1.00E-03	5.0E-03	2.1E+01	2.3E+05			
AOI-48 (NW)	Zone2	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	16	8	5.50E-04	1.40E+00	1.40E-04	1.00E-03	5.0E-03	2.2E+01	2.8E+05	2.8E+02	6.4E-02	5.1E-06
AOI-48 (NW)	Zone2	VOC	Trichlorofluoromethane	75-69-4	TOTAL		16				2.80E-04	1.00E-03	7.3E+00	1.1E+03	2.3E+06			
AOI-48 (NW)	Zone2	VOC	1,2,3-Trichloropropane	96-18-4	TOTAL	B2	10				1.00E-03	1.00E-03	1.2E-01	8.4E+01	6.1E+05			
AOI-48 (NW)	Zone2	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	TOTAL		6				3.20E-04	6.40E-04	1.7E+02	1.7E+02	2.4E+06			
AOI-48 (NW)	Zone2	VOC	1,2,4-Trimethylbenzene	95-63-6	TOTAL		10				1.00E-03	1.00E-03	2.9E+00	5.6E+01	2.0E+05			
AOI-48 (NW)	Zone2	VOC	1,3,5-Trimethylbenzene	108-67-8	TOTAL		10				1.00E-03	1.00E-03	2.9E+00	6.1E+01	1.7E+05			
AOI-48 (NW)	Zone2	VOC	Vinyl Acetate	108-05-4	TOTAL		10				5.00E-02	5.00E-02	1.8E+00	8.0E+03	2.5E+05			
AOI-48 (NW)	Zone2	VOC	Vinyl Chloride	75-01-4	TOTAL	A	16	1	1.10E-02	1.10E-02	1.50E-04	1.00E-03	2.0E-03	1.0E+00	1.3E+03	5.5E+00	1.1E-02	8.4E-06
AOI-48 (NW)	Zone2	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	16	2	5.20E-04	5.40E-04	3.30E-04	2.00E-03	1.0E+01	1.9E+02	5.7E+05	5.4E-05	2.8E-06	9.5E-10
AOI-48 (NW)	Zone2	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	10				1.00E-03	1.00E-03	4.2E-02	4.0E-01	3.0E+01			
AOI-48 (NW)	Zone2	SVOC	Hexachloroethane	67-72-1	TOTAL	C	10				5.00E-03	5.00E-03	2.1E-02	1.9E+00	5.8E+04			
AOI-48 (NW)	Zone2	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	10				5.00E-03	5.00E-03	7.5E-01	2.5E+01				
AOI-48 (NW)	Zone2	SVOC	Naphthalene	91-20-3	TOTAL	C	10				5.00E-03	5.00E-03	1.5E+00	3.1E+01	4.7E+05			
AOI-48 (SE)	Zone1	VOC	Acetone	67-64-1	TOTAL	ID	2				2.50E-02	2.50E-02	2.1E+00	3.1E+04	1.6E+08			
AOI-48 (SE)	Zone1	VOC	Acrolein	107-02-8	TOTAL	ID	2				5.00E-03	5.00E-03	3.3E-01	3.4E+03	7.3E+03			
AOI-48 (SE)	Zone1	VOC	Acrylonitrile	107-13-1	TOTAL	B1	2				1.00E-03	1.00E-03	1.1E-02	1.4E+01	1.5E+05			
AOI-48 (SE)	Zone1	VOC	Benzene	71-43-2	TOTAL	A	2				1.00E-03	1.00E-03	5.0E-03	1.1E+01	4.3E+03			
AOI-48 (SE)	Zone1	VOC	Bromobenzene	108-86-1	TOTAL		2				1.00E-03	1.00E-03	5.0E-02	1.2E+01				
AOI-48 (SE)	Zone1	VOC	Bromochloromethane	74-97-5	TOTAL		2				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone1	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	2				1.00E-03	1.00E-03	1.0E-01	1.4E+01				
AOI-48 (SE)	Zone1	VOC	Bromoform	75-25-2	TOTAL	B2	2				1.00E-03	1.00E-03	1.0E-01	1.4E+02	5.2E+04			
AOI-48 (SE)	Zone1	VOC	Bromomethane	74-83-9	TOTAL	D	2				1.00E-03	1.00E-03	2.9E-02	7.0E+01	4.7E+03			
AOI-48 (SE)	Zone1	VOC	2-Butanone	78-93-3	TOTAL	ID	2				2.50E-02	2.50E-02	3.8E+01	2.4E+05	3.7E+07			
AOI-48 (SE)	Zone1	VOC	n-Butylbenzene	104-51-8	TOTAL		2				1.00E-03	1.00E-03	2.3E-01	5.9E+00				
AOI-48 (SE)	Zone1	VOC	sec-Butylbenzene	135-98-8	TOTAL		2				1.00E-03	1.00E-03	2.3E-01	4.4E+00				
AOI-48 (SE)	Zone1	VOC	tert-Butylbenzene	98-06-6	TOTAL		2				1.00E-03	1.00E-03	2.3E-01	8.9E+00				
AOI-48 (SE)	Zone1	VOC	Carbon Disulfide	75-15-0	TOTAL		2				5.00E-03	5.00E-03	2.3E+00	1.2E+03	6.8E+03			
AOI-48 (SE)	Zone1	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	2				1.00E-03	1.00E-03	5.0E-03	4.6E+00	8.2E+03			
AOI-48 (SE)	Zone1	VOC	3-Chloro-1-propene	107-05-1	TOTAL		2				1.00E-03	1.00E-03			3.2E+03			
AOI-48 (SE)	Zone1	VOC	Chlorobenzene	108-90-7	TOTAL	D	2				1.00E-03	1.00E-03	1.0E-01	8.6E+01	6.6E+05			
AOI-48 (SE)	Zone1	VOC	Chloroethane	75-00-3	TOTAL		2				1.00E-03	1.00E-03	1.7E+00	4.4E+02	7.6E+06			
AOI-48 (SE)	Zone1	VOC	2-Chloroethylvinyl ether	110-75-8	TOTAL		2				1.00E-02	1.00E-02						
AOI-48 (SE)	Zone1	VOC	Chloroform	67-66-3	TOTAL	B2	2				1.00E-03	1.00E-03	1.0E-01	1.5E+02	1.7E+04			
AOI-48 (SE)	Zone1	VOC	Chloromethane	74-87-3	TOTAL	D	2				1.00E-03	1.00E-03	1.1E+00	4.9E+02	8.7E+04			
AOI-48 (SE)	Zone1	VOC	2-Chlorotoluene	95-49-8	TOTAL		2				1.00E-03	1.00E-03	4.2E-01	4.4E+01				
AOI-48 (SE)	Zone1	VOC	4-Chlorotoluene	106-43-4	TOTAL		2				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone1	VOC	Cumene	98-82-8	TOTAL	D	2				5.00E-03	5.00E-03	2.3E+00	5.6E+01	6.9E+04			
AOI-48 (SE)	Zone1	VOC	p-Cymene	99-87-6	TOTAL		2				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone1	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	2				1.00E-03	1.00E-03	2.0E-04	3.9E-01				
AOI-48 (SE)	Zone1	VOC	Dibromochloromethane	124-48-1	TOTAL	C	2				1.00E-03	1.00E-03	1.0E-01	1.8E+01				
AOI-48 (SE)	Zone1	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	2				1.00E-03	1.00E-03	1.0E-03	2.5E-02				
AOI-48 (SE)	Zone1	VOC	Dibromomethane	74-95-3	TOTAL		2				5.00E-03	5.00E-03	2.3E-01	5.3E+02				
AOI-48 (SE)	Zone1	VOC	trans-1,4-Dichloro-2-butene	110-57-6	TOTAL		2				1.00E-03	1.00E-03						

Table C-3a: On-Site Borehole Water Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-48 (SE)	Zone1	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	2				1.00E-03	1.00E-03	6.0E-01	1.6E+02	4.7E+05			
AOI-48 (SE)	Zone1	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	2				1.00E-03	1.00E-03	1.9E-02	2.0E+00				
AOI-48 (SE)	Zone1	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	2				1.00E-03	1.00E-03	7.5E-02	6.4E+00	1.2E+06			
AOI-48 (SE)	Zone1	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		2				1.00E-03	1.00E-03	4.8E+00	3.0E+02	1.6E+06			
AOI-48 (SE)	Zone1	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	2				1.00E-03	1.00E-03	2.5E+00	2.4E+03	5.4E+05			
AOI-48 (SE)	Zone1	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	2				1.00E-03	1.00E-03	5.0E-03	1.9E+01	1.8E+04			
AOI-48 (SE)	Zone1	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	2				1.00E-03	1.00E-03	7.0E-03	1.1E+01	1.2E+04			
AOI-48 (SE)	Zone1	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	2	1	1.50E-02	1.50E-02	1.00E-03	1.00E-03	7.0E-02	2.0E+02	1.3E+06	2.1E-01	7.5E-05	1.2E-08
AOI-48 (SE)	Zone1	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		2				1.00E-03	1.00E-03	1.0E-01	2.2E+02	7.7E+05			
AOI-48 (SE)	Zone1	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	2				1.00E-03	1.00E-03	5.0E-03	1.6E+01	7.8E+05			
AOI-48 (SE)	Zone1	VOC	1,3-Dichloropropane	142-28-9	TOTAL		2				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone1	VOC	2,2-Dichloropropane	594-20-7	TOTAL		2				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone1	VOC	1,1-Dichloropropene	563-58-6	TOTAL		2				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone1	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	2				1.00E-03	1.00E-03	3.5E-02	5.5E+00	4.0E+03			
AOI-48 (SE)	Zone1	VOC	Ethyl Benzene	100-41-4	TOTAL	D	2				1.00E-03	1.00E-03	7.0E-01	1.7E+02	5.6E+05			
AOI-48 (SE)	Zone1	VOC	2-Hexanone	591-78-6	TOTAL		2				5.00E-02	5.00E-02	2.9E+00	5.2E+03				
AOI-48 (SE)	Zone1	VOC	Iodomethane	74-88-4	TOTAL		2				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone1	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		2				5.00E-03	5.00E-03	6.9E-01	6.1E+02	6.3E+05			
AOI-48 (SE)	Zone1	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	2				5.00E-02	5.00E-02	5.2E+00	1.3E+04	1.1E+07			
AOI-48 (SE)	Zone1	VOC	Methylene Chloride	75-09-2	TOTAL	B2	2				5.00E-03	5.00E-03	5.0E-03	2.2E+02	2.1E+05			
AOI-48 (SE)	Zone1	VOC	Diisopropyl ether	108-20-3	TOTAL		2				1.00E-03	1.00E-03	8.6E-02	8.0E+00				
AOI-48 (SE)	Zone1	VOC	n-Propylbenzene	103-65-1	TOTAL		2				1.00E-03	1.00E-03	2.3E-01	1.5E+01				
AOI-48 (SE)	Zone1	VOC	Styrene	100-42-5	TOTAL		2				1.00E-03	1.00E-03	1.0E-01	9.7E+00	5.1E+05			
AOI-48 (SE)	Zone1	VOC	1,1,1,2-Tetrachloroethane	630-20-6	TOTAL		2				1.00E-03	1.00E-03	3.2E-01	3.0E+01				
AOI-48 (SE)	Zone1	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	2				1.00E-03	1.00E-03	3.5E-02	4.7E+00	8.5E+04			
AOI-48 (SE)	Zone1	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	2				1.00E-03	1.00E-03	5.0E-03	1.2E+01	1.4E+05			
AOI-48 (SE)	Zone1	VOC	Tetrahydrofuran	109-99-9	TOTAL		2				1.00E-01	1.00E-01	2.7E-01	1.6E+03	9.0E+06			
AOI-48 (SE)	Zone1	VOC	Toluene	108-88-3	TOTAL	D	2				1.00E-03	1.00E-03	1.0E+00	5.3E+02	4.9E+05			
AOI-48 (SE)	Zone1	VOC	1,2,3-Trichlorobenzene	87-61-6	TOTAL		2				5.00E-03	5.00E-03						
AOI-48 (SE)	Zone1	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	2				5.00E-03	5.00E-03	7.0E-02	1.9E+01				
AOI-48 (SE)	Zone1	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	2				1.00E-03	1.00E-03	2.0E-01	1.3E+03	1.6E+06			
AOI-48 (SE)	Zone1	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	2				1.00E-03	1.00E-03	5.0E-03	2.1E+01	2.3E+05			
AOI-48 (SE)	Zone1	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	2	1	1.90E-02	1.90E-02	1.00E-03	1.00E-03	5.0E-03	2.2E+01	2.8E+05	**3.8E+00**	8.6E-04	6.9E-08
AOI-48 (SE)	Zone1	VOC	Trichlorofluoromethane	75-69-4	TOTAL		2				1.00E-03	1.00E-03	7.3E+00	1.1E+03	2.3E+06			
AOI-48 (SE)	Zone1	VOC	1,2,3-Trichloropropane	96-18-4	TOTAL	B2	2				1.00E-03	1.00E-03	1.2E-01	8.4E+01	6.1E+05			
AOI-48 (SE)	Zone1	VOC	1,2,4-Trimethylbenzene	95-63-6	TOTAL		2				1.00E-03	1.00E-03	2.9E+00	5.6E+01	2.0E+05			
AOI-48 (SE)	Zone1	VOC	1,3,5-Trimethylbenzene	108-67-8	TOTAL		2				1.00E-03	1.00E-03	2.9E+00	6.1E+01	1.7E+05			
AOI-48 (SE)	Zone1	VOC	Vinyl Acetate	108-05-4	TOTAL		2				5.00E-02	5.00E-02	1.8E+00	8.0E+03	2.5E+05			
AOI-48 (SE)	Zone1	VOC	Vinyl Chloride	75-01-4	TOTAL	A	2				1.00E-03	1.00E-03	2.0E-03	1.0E+00	1.3E+03			
AOI-48 (SE)	Zone1	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	2				2.00E-03	2.00E-03	1.0E+01	1.9E+02	5.7E+05			
AOI-48 (SE)	Zone1	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	2				1.00E-03	1.00E-03	4.2E-02	4.0E-01	3.0E+01			
AOI-48 (SE)	Zone1	SVOC	Hexachloroethane	67-72-1	TOTAL	C	2				5.00E-03	5.00E-03	2.1E-02	1.9E+00	5.8E+04			
AOI-48 (SE)	Zone1	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	2				5.00E-03	5.00E-03	7.5E-01	2.5E+01				
AOI-48 (SE)	Zone1	SVOC	Naphthalene	91-20-3	TOTAL	C	2				5.00E-03	5.00E-03	1.5E+00	3.1E+01	4.7E+05			
AOI-48 (SE)	Zone2	VOC	Acetone	67-64-1	TOTAL	ID	5				2.50E-02	2.50E-02	2.1E+00	3.1E+04	1.6E+08			
AOI-48 (SE)	Zone2	VOC	Acrolein	107-02-8	TOTAL	ID	5				5.00E-03	5.00E-03	3.3E-01	3.4E+03	7.3E+03			
AOI-48 (SE)	Zone2	VOC	Acrylonitrile	107-13-1	TOTAL	B1	5				1.00E-03	1.00E-03	1.1E-02	1.4E+01	1.5E+05			
AOI-48 (SE)	Zone2	VOC	Benzene	71-43-2	TOTAL	A	5				1.00E-03	1.00E-03	5.0E-03	1.1E+01	4.3E+03			
AOI-48 (SE)	Zone2	VOC	Bromobenzene	108-86-1	TOTAL		5				1.00E-03	1.00E-03	5.0E-02	1.2E+01				

Table C-3a: On-Site Borehole Water Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-48 (SE)	Zone2	VOC	Bromochloromethane	74-97-5	TOTAL		5				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone2	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	5				1.00E-03	1.00E-03	1.0E-01	1.4E+01				
AOI-48 (SE)	Zone2	VOC	Bromoform	75-25-2	TOTAL	B2	5				1.00E-03	1.00E-03	1.0E-01	1.4E+02	5.2E+04			
AOI-48 (SE)	Zone2	VOC	Bromomethane	74-83-9	TOTAL	D	5				1.00E-03	1.00E-03	2.9E-02	7.0E+01	4.7E+03			
AOI-48 (SE)	Zone2	VOC	2-Butanone	78-93-3	TOTAL	ID	5				2.50E-02	2.50E-02	3.8E+01	2.4E+05	3.7E+07			
AOI-48 (SE)	Zone2	VOC	n-Butylbenzene	104-51-8	TOTAL		5				1.00E-03	1.00E-03	2.3E-01	5.9E+00				
AOI-48 (SE)	Zone2	VOC	sec-Butylbenzene	135-98-8	TOTAL		5				1.00E-03	1.00E-03	2.3E-01	4.4E+00				
AOI-48 (SE)	Zone2	VOC	tert-Butylbenzene	98-06-6	TOTAL		5				1.00E-03	1.00E-03	2.3E-01	8.9E+00				
AOI-48 (SE)	Zone2	VOC	Carbon Disulfide	75-15-0	TOTAL		5				5.00E-03	5.00E-03	2.3E+00	1.2E+03	6.8E+03			
AOI-48 (SE)	Zone2	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	5				1.00E-03	1.00E-03	5.0E-03	4.6E+00	8.2E+03			
AOI-48 (SE)	Zone2	VOC	3-Chloro-1-propene	107-05-1	TOTAL		5				1.00E-03	1.00E-03			3.2E+03			
AOI-48 (SE)	Zone2	VOC	Chlorobenzene	108-90-7	TOTAL	D	5				1.00E-03	1.00E-03	1.0E-01	8.6E+01	6.6E+05			
AOI-48 (SE)	Zone2	VOC	Chloroethane	75-00-3	TOTAL		5				1.00E-03	1.00E-03	1.7E+00	4.4E+02	7.6E+06			
AOI-48 (SE)	Zone2	VOC	2-Chloroethylvinyl ether	110-75-8	TOTAL		5				1.00E-02	1.00E-02						
AOI-48 (SE)	Zone2	VOC	Chloroform	67-66-3	TOTAL	B2	5				1.00E-03	1.00E-03	1.0E-01	1.5E+02	1.7E+04			
AOI-48 (SE)	Zone2	VOC	Chloromethane	74-87-3	TOTAL	D	5				1.00E-03	1.00E-03	1.1E+00	4.9E+02	8.7E+04			
AOI-48 (SE)	Zone2	VOC	2-Chlorotoluene	95-49-8	TOTAL		5				1.00E-03	1.00E-03	4.2E-01	4.4E+01				
AOI-48 (SE)	Zone2	VOC	4-Chlorotoluene	106-43-4	TOTAL		5				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone2	VOC	Cumene	98-82-8	TOTAL	D	5				5.00E-03	5.00E-03	2.3E+00	5.6E+01	6.9E+04			
AOI-48 (SE)	Zone2	VOC	p-Cymene	99-87-6	TOTAL		5				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone2	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	5				1.00E-03	1.00E-03	2.0E-04	3.9E-01				
AOI-48 (SE)	Zone2	VOC	Dibromochloromethane	124-48-1	TOTAL	C	5				1.00E-03	1.00E-03	1.0E-01	1.8E+01				
AOI-48 (SE)	Zone2	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	5				1.00E-03	1.00E-03	1.0E-03	2.5E-02				
AOI-48 (SE)	Zone2	VOC	Dibromomethane	74-95-3	TOTAL		5				5.00E-03	5.00E-03	2.3E-01	5.3E+02				
AOI-48 (SE)	Zone2	VOC	trans-1,4-Dichloro-2-butene	110-57-6	TOTAL		5				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone2	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	5				1.00E-03	1.00E-03	6.0E-01	1.6E+02	4.7E+05			
AOI-48 (SE)	Zone2	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	5				1.00E-03	1.00E-03	1.9E-02	2.0E+00				
AOI-48 (SE)	Zone2	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	5				1.00E-03	1.00E-03	7.5E-02	6.4E+00	1.2E+06			
AOI-48 (SE)	Zone2	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		5				1.00E-03	1.00E-03	4.8E+00	3.0E+02	1.6E+06			
AOI-48 (SE)	Zone2	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	5				1.00E-03	1.00E-03	2.5E+00	2.4E+03	5.4E+05			
AOI-48 (SE)	Zone2	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	5				1.00E-03	1.00E-03	5.0E-03	1.9E+01	1.8E+04			
AOI-48 (SE)	Zone2	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	5				1.00E-03	1.00E-03	7.0E-03	1.1E+01	1.2E+04			
AOI-48 (SE)	Zone2	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	5	1	1.20E-03	1.20E-03	1.00E-03	1.00E-03	7.0E-02	2.0E+02	1.3E+06	1.7E-02	6.0E-06	9.4E-10
AOI-48 (SE)	Zone2	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		5				1.00E-03	1.00E-03	1.0E-01	2.2E+02	7.7E+05			
AOI-48 (SE)	Zone2	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	5				1.00E-03	1.00E-03	5.0E-03	1.6E+01	7.8E+05			
AOI-48 (SE)	Zone2	VOC	1,3-Dichloropropane	142-28-9	TOTAL		5				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone2	VOC	2,2-Dichloropropane	594-20-7	TOTAL		5				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone2	VOC	1,1-Dichloropropene	563-58-6	TOTAL		5				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone2	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	5				1.00E-03	1.00E-03	3.5E-02	5.5E+00	4.0E+03			
AOI-48 (SE)	Zone2	VOC	Ethyl Benzene	100-41-4	TOTAL	D	5				1.00E-03	1.00E-03	7.0E-01	1.7E+02	5.6E+05			
AOI-48 (SE)	Zone2	VOC	2-Hexanone	591-78-6	TOTAL		5				5.00E-02	5.00E-02	2.9E+00	5.2E+03				
AOI-48 (SE)	Zone2	VOC	Iodomethane	74-88-4	TOTAL		5				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone2	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		5				5.00E-03	5.00E-03	6.9E-01	6.1E+02	6.3E+05			
AOI-48 (SE)	Zone2	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	5				5.00E-02	5.00E-02	5.2E+00	1.3E+04	1.1E+07			
AOI-48 (SE)	Zone2	VOC	Methylene Chloride	75-09-2	TOTAL	B2	5				5.00E-03	5.00E-03	5.0E-03	2.2E+02	2.1E+05			
AOI-48 (SE)	Zone2	VOC	Diisopropyl ether	108-20-3	TOTAL		5				1.00E-03	1.00E-03	8.6E-02	8.0E+00				
AOI-48 (SE)	Zone2	VOC	n-Propylbenzene	103-65-1	TOTAL		5				1.00E-03	1.00E-03	2.3E-01	1.5E+01				
AOI-48 (SE)	Zone2	VOC	Styrene	100-42-5	TOTAL		5				1.00E-03	1.00E-03	1.0E-01	9.7E+00	5.1E+05			
AOI-48 (SE)	Zone2	VOC	1,1,1,2-Tetrachloroethane	630-20-6	TOTAL		5				1.00E-03	1.00E-03	3.2E-01	3.0E+01				

Table C-3a: On-Site Borehole Water Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-48 (SE)	Zone2	VOC	Bromochloromethane	74-97-5	TOTAL		5				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone2	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	5				1.00E-03	1.00E-03	1.0E-01	1.4E+01				
AOI-48 (SE)	Zone2	VOC	Bromoform	75-25-2	TOTAL	B2	5				1.00E-03	1.00E-03	1.0E-01	1.4E+02	5.2E+04			
AOI-48 (SE)	Zone2	VOC	Bromomethane	74-83-9	TOTAL	D	5				1.00E-03	1.00E-03	2.9E-02	7.0E+01	4.7E+03			
AOI-48 (SE)	Zone2	VOC	2-Butanone	78-93-3	TOTAL	ID	5				2.50E-02	2.50E-02	3.8E+01	2.4E+05	3.7E+07			
AOI-48 (SE)	Zone2	VOC	n-Butylbenzene	104-51-8	TOTAL		5				1.00E-03	1.00E-03	2.3E-01	5.9E+00				
AOI-48 (SE)	Zone2	VOC	sec-Butylbenzene	135-98-8	TOTAL		5				1.00E-03	1.00E-03	2.3E-01	4.4E+00				
AOI-48 (SE)	Zone2	VOC	tert-Butylbenzene	98-06-6	TOTAL		5				1.00E-03	1.00E-03	2.3E-01	8.9E+00				
AOI-48 (SE)	Zone2	VOC	Carbon Disulfide	75-15-0	TOTAL		5				5.00E-03	5.00E-03	2.3E+00	1.2E+03	6.8E+03			
AOI-48 (SE)	Zone2	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	5				1.00E-03	1.00E-03	5.0E-03	4.6E+00	8.2E+03			
AOI-48 (SE)	Zone2	VOC	3-Chloro-1-propene	107-05-1	TOTAL		5				1.00E-03	1.00E-03			3.2E+03			
AOI-48 (SE)	Zone2	VOC	Chlorobenzene	108-90-7	TOTAL	D	5				1.00E-03	1.00E-03	1.0E-01	8.6E+01	6.6E+05			
AOI-48 (SE)	Zone2	VOC	Chloroethane	75-00-3	TOTAL		5				1.00E-03	1.00E-03	1.7E+00	4.4E+02	7.6E+06			
AOI-48 (SE)	Zone2	VOC	2-Chloroethylvinyl ether	110-75-8	TOTAL		5				1.00E-02	1.00E-02						
AOI-48 (SE)	Zone2	VOC	Chloroform	67-66-3	TOTAL	B2	5				1.00E-03	1.00E-03	1.0E-01	1.5E+02	1.7E+04			
AOI-48 (SE)	Zone2	VOC	Chloromethane	74-87-3	TOTAL	D	5				1.00E-03	1.00E-03	1.1E+00	4.9E+02	8.7E+04			
AOI-48 (SE)	Zone2	VOC	2-Chlorotoluene	95-49-8	TOTAL		5				1.00E-03	1.00E-03	4.2E-01	4.4E+01				
AOI-48 (SE)	Zone2	VOC	4-Chlorotoluene	106-43-4	TOTAL		5				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone2	VOC	Cumene	98-82-8	TOTAL	D	5				5.00E-03	5.00E-03	2.3E+00	5.6E+01	6.9E+04			
AOI-48 (SE)	Zone2	VOC	p-Cymene	99-87-6	TOTAL		5				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone2	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	5				1.00E-03	1.00E-03	2.0E-04	3.9E-01				
AOI-48 (SE)	Zone2	VOC	Dibromochloromethane	124-48-1	TOTAL	C	5				1.00E-03	1.00E-03	1.0E-01	1.8E+01				
AOI-48 (SE)	Zone2	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	5				1.00E-03	1.00E-03	1.0E-03	2.5E-02				
AOI-48 (SE)	Zone2	VOC	Dibromomethane	74-95-3	TOTAL		5				5.00E-03	5.00E-03	2.3E-01	5.3E+02				
AOI-48 (SE)	Zone2	VOC	trans-1,4-Dichloro-2-butene	110-57-6	TOTAL		5				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone2	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	5				1.00E-03	1.00E-03	6.0E-01	1.6E+02	4.7E+05			
AOI-48 (SE)	Zone2	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	5				1.00E-03	1.00E-03	1.9E-02	2.0E+00				
AOI-48 (SE)	Zone2	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	5				1.00E-03	1.00E-03	7.5E-02	6.4E+00	1.2E+06			
AOI-48 (SE)	Zone2	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		5				1.00E-03	1.00E-03	4.8E+00	3.0E+02	1.6E+06			
AOI-48 (SE)	Zone2	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	5				1.00E-03	1.00E-03	2.5E+00	2.4E+03	5.4E+05			
AOI-48 (SE)	Zone2	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	5				1.00E-03	1.00E-03	5.0E-03	1.9E+01	1.8E+04			
AOI-48 (SE)	Zone2	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	5				1.00E-03	1.00E-03	7.0E-03	1.1E+01	1.2E+04			
AOI-48 (SE)	Zone2	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	5	1	1.20E-03	1.20E-03	1.00E-03	1.00E-03	7.0E-02	2.0E+02	1.3E+06	1.7E-02	6.0E-06	9.4E-10
AOI-48 (SE)	Zone2	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		5				1.00E-03	1.00E-03	1.0E-01	2.2E+02	7.7E+05			
AOI-48 (SE)	Zone2	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	5				1.00E-03	1.00E-03	5.0E-03	1.6E+01	7.8E+05			
AOI-48 (SE)	Zone2	VOC	1,3-Dichloropropane	142-28-9	TOTAL		5				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone2	VOC	2,2-Dichloropropane	594-20-7	TOTAL		5				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone2	VOC	1,1-Dichloropropene	563-58-6	TOTAL		5				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone2	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	5				1.00E-03	1.00E-03	3.5E-02	5.5E+00	4.0E+03			
AOI-48 (SE)	Zone2	VOC	Ethyl Benzene	100-41-4	TOTAL	D	5				1.00E-03	1.00E-03	7.0E-01	1.7E+02	5.6E+05			
AOI-48 (SE)	Zone2	VOC	2-Hexanone	591-78-6	TOTAL		5				5.00E-02	5.00E-02	2.9E+00	5.2E+03				
AOI-48 (SE)	Zone2	VOC	Iodomethane	74-88-4	TOTAL		5				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone2	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		5				5.00E-03	5.00E-03	6.9E-01	6.1E+02	6.3E+05			
AOI-48 (SE)	Zone2	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	5				5.00E-02	5.00E-02	5.2E+00	1.3E+04	1.1E+07			
AOI-48 (SE)	Zone2	VOC	Methylene Chloride	75-09-2	TOTAL	B2	5				5.00E-03	5.00E-03	5.0E-03	2.2E+02	2.1E+05			
AOI-48 (SE)	Zone2	VOC	Diisopropyl ether	108-20-3	TOTAL		5				1.00E-03	1.00E-03	8.6E-02	8.0E+00				
AOI-48 (SE)	Zone2	VOC	n-Propylbenzene	103-65-1	TOTAL		5				1.00E-03	1.00E-03	2.3E-01	1.5E+01				
AOI-48 (SE)	Zone2	VOC	Styrene	100-42-5	TOTAL		5				1.00E-03	1.00E-03	1.0E-01	9.7E+00	5.1E+05			
AOI-48 (SE)	Zone2	VOC	1,1,1,2-Tetrachloroethane	630-20-6	TOTAL		5				1.00E-03	1.00E-03	3.2E-01	3.0E+01				

Table C-3a: On-Site Borehole Water Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-48 (SE)	Zone2	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	5				1.00E-03	1.00E-03	3.5E-02	4.7E+00	8.5E+04			
AOI-48 (SE)	Zone2	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	5				1.00E-03	1.00E-03	5.0E-03	1.2E+01	1.4E+05			
AOI-48 (SE)	Zone2	VOC	Tetrahydrofuran	109-99-9	TOTAL		5				1.00E-01	1.00E-01	2.7E-01	1.6E+03	9.0E+06			
AOI-48 (SE)	Zone2	VOC	Toluene	108-88-3	TOTAL	D	5				1.00E-03	1.00E-03	1.0E+00	5.3E+02	4.9E+05			
AOI-48 (SE)	Zone2	VOC	1,2,3-Trichlorobenzene	87-61-6	TOTAL		5				5.00E-03	5.00E-03						
AOI-48 (SE)	Zone2	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	5				5.00E-03	5.00E-03	7.0E-02	1.9E+01				
AOI-48 (SE)	Zone2	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	5				1.00E-03	1.00E-03	2.0E-01	1.3E+03	1.6E+06			
AOI-48 (SE)	Zone2	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	5				1.00E-03	1.00E-03	5.0E-03	2.1E+01	2.3E+05			
AOI-48 (SE)	Zone2	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	5	1	1.10E-02	1.10E-02	1.00E-03	1.00E-03	5.0E-03	2.2E+01	2.8E+05	2.2E+00	5.0E-04	4.0E-08
AOI-48 (SE)	Zone2	VOC	Trichlorofluoromethane	75-69-4	TOTAL		5				1.00E-03	1.00E-03	7.3E+00	1.1E+03	2.3E+06			
AOI-48 (SE)	Zone2	VOC	1,2,3-Trichloropropane	96-18-4	TOTAL	B2	5				1.00E-03	1.00E-03	1.2E-01	8.4E+01	6.1E+05			
AOI-48 (SE)	Zone2	VOC	1,2,4-Trimethylbenzene	95-63-6	TOTAL		5				1.00E-03	1.00E-03	2.9E+00	5.6E+01	2.0E+05			
AOI-48 (SE)	Zone2	VOC	1,3,5-Trimethylbenzene	108-67-8	TOTAL		5				1.00E-03	1.00E-03	2.9E+00	6.1E+01	1.7E+05			
AOI-48 (SE)	Zone2	VOC	Vinyl Acetate	108-05-4	TOTAL		5				5.00E-02	5.00E-02	1.8E+00	8.0E+03	2.5E+05			
AOI-48 (SE)	Zone2	VOC	Vinyl Chloride	75-01-4	TOTAL	A	5	2	2.80E-03	3.70E-03	1.00E-03	1.00E-03	2.0E-03	1.0E+00	1.3E+03	1.9E+00	3.7E-03	2.8E-06
AOI-48 (SE)	Zone2	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	5				2.00E-03	2.00E-03	1.0E+01	1.9E+02	5.7E+05			
AOI-48 (SE)	Zone2	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	5				1.00E-03	1.00E-03	4.2E-02	4.0E-01	3.0E+01			
AOI-48 (SE)	Zone2	SVOC	Hexachloroethane	67-72-1	TOTAL	C	5				5.00E-03	5.00E-03	2.1E-02	1.9E+00	5.8E+04			
AOI-48 (SE)	Zone2	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	5				5.00E-03	5.00E-03	7.5E-01	2.5E+01				
AOI-48 (SE)	Zone2	SVOC	Naphthalene	91-20-3	TOTAL	C	5				5.00E-03	5.00E-03	1.5E+00	3.1E+01	4.7E+05			
AOI-49	Zone1	VOC	Acetone	67-64-1	TOTAL	ID	2				6.60E-02	3.70E-01	2.1E+00	3.1E+04	1.6E+08			
AOI-49	Zone1	VOC	Benzene	71-43-2	TOTAL	A	2				2.20E-02	1.20E-01	5.0E-03	1.1E+01	4.3E+03			
AOI-49	Zone1	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	2				1.90E-02	1.10E-01	1.0E-01	1.4E+01				
AOI-49	Zone1	VOC	Bromoform	75-25-2	TOTAL	B2	2				2.20E-02	1.20E-01	1.0E-01	1.4E+02	5.2E+04			
AOI-49	Zone1	VOC	Bromomethane	74-83-9	TOTAL	D	2				1.80E-02	1.00E-01	2.9E-02	7.0E+01	4.7E+03			
AOI-49	Zone1	VOC	2-Butanone	78-93-3	TOTAL	ID	2				3.60E-02	2.00E-01	3.8E+01	2.4E+05	3.7E+07			
AOI-49	Zone1	VOC	Carbon Disulfide	75-15-0	TOTAL		2				1.40E-02	8.00E-02	2.3E+00	1.2E+03	6.8E+03			
AOI-49	Zone1	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	2				2.20E-02	1.20E-01	5.0E-03	4.6E+00	8.2E+03			
AOI-49	Zone1	VOC	Chlorobenzene	108-90-7	TOTAL	D	2				2.30E-02	1.30E-01	1.0E-01	8.6E+01	6.6E+05			
AOI-49	Zone1	VOC	Chloroethane	75-00-3	TOTAL		2				1.70E-02	9.70E-02	1.7E+00	4.4E+02	7.6E+06			
AOI-49	Zone1	VOC	Chloroform	67-66-3	TOTAL	B2	2				2.10E-02	1.20E-01	1.0E-01	1.5E+02	1.7E+04			
AOI-49	Zone1	VOC	Chloromethane	74-87-3	TOTAL	D	2				3.00E-02	1.60E-01	1.1E+00	4.9E+02	8.7E+04			
AOI-49	Zone1	VOC	Cumene	98-82-8	TOTAL	D	2				2.30E-02	1.30E-01	2.3E+00	5.6E+01	6.9E+04			
AOI-49	Zone1	VOC	Cyclohexane	110-82-7	TOTAL	ID	2				2.00E-02	1.10E-01			3.5E+05			
AOI-49	Zone1	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	2				4.90E-02	2.70E-01	2.0E-04	3.9E-01				
AOI-49	Zone1	VOC	Dibromochloromethane	124-48-1	TOTAL	C	2				2.20E-02	1.20E-01	1.0E-01	1.8E+01				
AOI-49	Zone1	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	2				2.00E-02	1.10E-01	1.0E-03	2.5E-02				
AOI-49	Zone1	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	2				2.30E-02	1.30E-01	6.0E-01	1.6E+02	4.7E+05			
AOI-49	Zone1	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	2				2.30E-02	1.30E-01	1.9E-02	2.0E+00				
AOI-49	Zone1	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	2				2.30E-02	1.30E-01	7.5E-02	6.4E+00	1.2E+06			
AOI-49	Zone1	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		2				3.00E-02	1.60E-01	4.8E+00	3.0E+02	1.6E+06			
AOI-49	Zone1	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	2	2	1.90E+00	8.50E+00			2.5E+00	2.4E+03	5.4E+05	3.4E+00	3.5E-03	1.6E-05
AOI-49	Zone1	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	2	1	1.00E-01	1.00E-01	1.70E-02	1.70E-02	5.0E-03	1.9E+01	1.8E+04	2.0E+01	5.3E-03	5.4E-06
AOI-49	Zone1	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	2	2	1.60E-01	3.20E-01			7.0E-03	1.1E+01	1.2E+04	4.6E+01	2.9E-02	2.7E-05
AOI-49	Zone1	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	2				2.10E-02	1.20E-01	7.0E-02	2.0E+02	1.3E+06			
AOI-49	Zone1	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		2				2.00E-02	1.10E-01	1.0E-01	2.2E+02	7.7E+05			
AOI-49	Zone1	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	2				2.50E-02	1.40E-01	5.0E-03	1.6E+01	7.8E+05			
AOI-49	Zone1	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	2				2.10E-02	1.20E-01	3.5E-02	5.5E+00	4.0E+03			
AOI-49	Zone1	VOC	Ethyl Benzene	100-41-4	TOTAL	D	2				2.50E-02	1.40E-01	7.0E-01	1.7E+02	5.6E+05			

Table C-3a: On-Site Borehole Water Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Industrial Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Industrial GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Industrial Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Industrial GW Volatilization to Indoor Air Criteria
AOI-49	Zone1	VOC	2-Hexanone	591-78-6	TOTAL		2				3.50E-02	1.90E-01	2.9E+00	5.2E+03				
AOI-49	Zone1	VOC	Methyl Acetate	79-20-9	TOTAL		2				3.30E-02	1.80E-01			2.5E+07			
AOI-49	Zone1	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		2				1.60E-02	9.00E-02	6.9E-01	6.1E+02	6.3E+05			
AOI-49	Zone1	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	2				1.60E-02	8.70E-02	5.2E+00	1.3E+04	1.1E+07			
AOI-49	Zone1	VOC	Methylcyclohexane	108-87-2	TOTAL		2				2.50E-02	1.40E-01			1.5E+06			
AOI-49	Zone1	VOC	Methylene Chloride	75-09-2	TOTAL	B2	2	1	3.50E-01	3.50E-01	1.70E-02	1.70E-02	5.0E-03	2.2E+02	2.1E+05	7.0E+01	1.6E-03	1.7E-06
AOI-49	Zone1	VOC	Styrene	100-42-5	TOTAL		2				2.10E-02	1.20E-01	1.0E-01	9.7E+00	5.1E+05			
AOI-49	Zone1	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	2				2.20E-02	1.20E-01	3.5E-02	4.7E+00	8.5E+04			
AOI-49	Zone1	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	2				2.50E-02	1.40E-01	5.0E-03	1.2E+01	1.4E+05			
AOI-49	Zone1	VOC	Toluene	108-88-3	TOTAL	D	2				2.30E-02	1.30E-01	1.0E+00	5.3E+02	4.9E+05			
AOI-49	Zone1	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	2				2.40E-02	1.30E-01	7.0E-02	1.9E+01				
AOI-49	Zone1	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	2	2	8.80E-02	3.50E+00			2.0E-01	1.3E+03	1.6E+06	1.8E+01	2.7E-03	2.2E-06
AOI-49	Zone1	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	2				2.20E-02	1.20E-01	5.0E-03	2.1E+01	2.3E+05			
AOI-49	Zone1	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	2				2.50E-02	1.40E-01	5.0E-03	2.2E+01	2.8E+05			
AOI-49	Zone1	VOC	Trichlorofluoromethane	75-69-4	TOTAL		2				3.30E-02	1.80E-01	7.3E+00	1.1E+03	2.3E+06			
AOI-49	Zone1	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	TOTAL		2				1.90E-02	1.10E-01	1.7E+02	1.7E+02	2.4E+06			
AOI-49	Zone1	VOC	Vinyl Chloride	75-01-4	TOTAL	A	2				2.20E-02	1.20E-01	2.0E-03	1.0E+00	1.3E+03			
AOI-49	Zone1	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	2				2.70E-02	1.50E-01	1.0E+01	1.9E+02	5.7E+05			

Notes:

The Screening Criteria are MDEQ Part 201 Generic Cleanup Criteria (MDEQ 2002) or site-specific industrial criteria for the indoor air pathway .

The Screening Criteria for Chromium VI is used as a surrogate for Chromium (total).

The concentrations for the Methylphenol (2, 3, & 4) were summed before comparing to the Screening Criteria for 4-Methylphenol.

The concentrations for all PCB isomers were summed before comparing to the Screening Criteria.

The concentrations for the Xylene isomers (m/p and o) were summed before comparing to the Screening Criteria.

The concentrations for the 1,3-Dichloropropene isomers (cis and trans) were summed before comparing to the Screening Criteria.

The toxicity values that MDEQ used to calculate its screening criteria for 1,1-Dichloroethene (1,1-DCE) are different from the toxicity values for 1,1-DCE published in IRIS (January, 2003). The updated screening criteria for 1,1-DCE, based on IRIS toxicity values, are: 1.04 mg/L (industrial drinking water), 797 mg/L (groundwater contact). There are no detected concentrations of 1,1-DCE in borehole water at the Site that exceed the updated screening criteria.

The first (shallow) saturated zone beneath the Facility (depth to groundwater of 4 - 16 ft) is called "Zone 1,"
except in the northwest corner of the property, where "Zone 1" is absent.
In the northwest corner of the property, there is only one water-bearing zone identified, and water levels in the area
are consistent with "Zone 2" (see below). In this area, the upper half of the first and only saturated zone
encountered is identified as "Zone1/Zone2," and the lower half is identified as "Zone 2."
The second (deeper) saturated zone beneath the Facility (depth to groundwater of 15 - 25 ft) is called "Zone 2."

Chem Group - Chemical Group
Meas Basis - Measured Basis; T = Total, D = Dissolved
Carc Class - EPA Weight-of-Evidence Cancer Classification
A = Known Human Carcinogen-sufficient evidence of carcinogenicity in humans; B1 = Human Carcinogen-limited evidence of carcinogenicity in humans;
B2 = Probable Human Carcinogen-sufficient evidence of carcinogenicity in animals with inadequate or lack of evidence in humans; C = Possible Human Carcinogen-
limited evidence of carcinogenicity in animals and inadequate or lack of evidence in humans; D = Not classifiable as to human carcinogenicity;
ID = Data Are Inadequate for An Assessment of Human Carcinogenic Potential
Min QL - Minimum Quantitation Limit
Max QL - Maximum Quantitation Limit

Table C-3b: Off-Site Borehole Water Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Residential Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Residential GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Residential Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Residential GW Volatilization to Indoor Air Criteria
AOI-48 (NW)	Zone1	VOC	Acetone	67-64-1	TOTAL	ID	4	1	4.30E-03	4.30E-03	3.70E-03	3.10E-02	7.3E-01	3.1E+04	3.4E+04	5.9E-03	1.4E-07	1.3E-07
AOI-48 (NW)	Zone1	VOC	Benzene	71-43-2	TOTAL	A	4	1	4.40E-04	4.40E-04	1.20E-03	1.10E-02	5.0E-03	1.1E+01	3.4E+00	8.8E-02	4.0E-05	1.3E-04
AOI-48 (NW)	Zone1	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	4				3.20E-04	9.10E-03	1.0E-01	1.4E+01	4.2E+00			
AOI-48 (NW)	Zone1	VOC	Bromoform	75-25-2	TOTAL	B2	4				3.70E-04	1.10E-02	1.0E-01	1.4E+02	1.8E+02			
AOI-48 (NW)	Zone1	VOC	Bromomethane	74-83-9	TOTAL	D	4				3.00E-04	8.60E-03	1.0E-02	7.0E+01	5.0E+00			
AOI-48 (NW)	Zone1	VOC	2-Butanone	78-93-3	TOTAL	ID	4				5.90E-04	1.70E-02	1.3E+01	2.4E+05	6.8E+04			
AOI-48 (NW)	Zone1	VOC	Carbon Disulfide	75-15-0	TOTAL		4	1	3.20E-04	3.20E-04	8.00E-04	6.90E-03	8.0E-01	1.2E+03	2.8E+02	4.0E-04	2.7E-07	1.1E-06
AOI-48 (NW)	Zone1	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	4				3.70E-04	1.10E-02	5.0E-03	4.6E+00	7.1E-01			
AOI-48 (NW)	Zone1	VOC	Chlorobenzene	108-90-7	TOTAL	D	4				3.80E-04	1.10E-02	1.0E-01	8.6E+01	9.6E+01			
AOI-48 (NW)	Zone1	VOC	Chloroethane	75-00-3	TOTAL		4				2.90E-04	8.30E-03	4.3E-01	4.4E+02	2.0E+04			
AOI-48 (NW)	Zone1	VOC	Chloroform	67-66-3	TOTAL	B2	4				3.50E-04	1.00E-02	1.0E-01	1.5E+02	1.5E+00			
AOI-48 (NW)	Zone1	VOC	Chloromethane	74-87-3	TOTAL	D	4				4.90E-04	1.40E-02	2.6E-01	4.9E+02	6.4E+01			
AOI-48 (NW)	Zone1	VOC	Cumene	98-82-8	TOTAL	D	4				3.90E-04	1.10E-02	8.0E-01	5.6E+01	7.0E+01			
AOI-48 (NW)	Zone1	VOC	Cyclohexane	110-82-7	TOTAL	ID	4				3.30E-04	9.40E-03			4.3E+03			
AOI-48 (NW)	Zone1	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	4				8.20E-04	2.30E-02	2.0E-04	3.9E-01	5.3E+00			
AOI-48 (NW)	Zone1	VOC	Dibromochloromethane	124-48-1	TOTAL	C	4				3.70E-04	1.10E-02	1.0E-01	1.8E+01	5.9E+00			
AOI-48 (NW)	Zone1	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	4				3.40E-04	9.70E-03	1.0E-03	2.5E-02	5.5E-03			
AOI-48 (NW)	Zone1	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	4				3.80E-04	1.10E-02	6.0E-01	1.6E+02	5.5E+02			
AOI-48 (NW)	Zone1	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	4				3.80E-04	1.10E-02	6.6E-03	2.0E+00	2.7E+02			
AOI-48 (NW)	Zone1	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	4				3.80E-04	1.10E-02	7.5E-02	6.4E+00	8.4E+00			
AOI-48 (NW)	Zone1	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		4				4.90E-04	1.40E-02	1.7E+00	3.0E+02	4.0E+01			
AOI-48 (NW)	Zone1	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	4	2	1.00E-03	3.30E-03	7.50E-03	8.60E-03	8.8E-01	2.4E+03	5.6E+02	3.8E-03	1.4E-06	5.9E-06
AOI-48 (NW)	Zone1	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	4				2.80E-04	8.00E-03	5.0E-03	1.9E+01	4.0E+00			
AOI-48 (NW)	Zone1	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	4				3.10E-04	8.90E-03	7.0E-03	1.1E+01	8.7E+01			
AOI-48 (NW)	Zone1	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	4	4	1.60E-02	8.90E-01			7.0E-02	2.0E+02	4.9E+01	**1.3E+01**	4.5E-03	1.8E-02
AOI-48 (NW)	Zone1	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		4	3	4.90E-04	2.20E-02	1.10E-03	1.10E-03	1.0E-01	2.2E+02	5.3E+01	2.2E-01	1.0E-04	4.1E-04
AOI-48 (NW)	Zone1	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	4				4.10E-04	1.20E-02	5.0E-03	1.6E+01	2.3E+00			
AOI-48 (NW)	Zone1	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	4				3.50E-04	1.00E-02	8.5E-03	5.5E+00	3.4E+00			
AOI-48 (NW)	Zone1	VOC	Ethyl Benzene	100-41-4	TOTAL	D	4				4.10E-04	1.20E-02	7.0E-01	1.7E+02	9.9E+02			
AOI-48 (NW)	Zone1	VOC	2-Hexanone	591-78-6	TOTAL		4				5.80E-04	1.70E-02	1.0E+00	5.2E+03				
AOI-48 (NW)	Zone1	VOC	Methyl Acetate	79-20-9	TOTAL		4				5.40E-04	1.50E-02			1.5E+05			
AOI-48 (NW)	Zone1	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		4				2.70E-04	7.70E-03	2.4E-01	6.1E+02	7.9E+02			
AOI-48 (NW)	Zone1	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	4				2.60E-04	7.40E-03	1.8E+00	1.3E+04	8.6E+04			
AOI-48 (NW)	Zone1	VOC	Methylcyclohexane	108-87-2	TOTAL		4				4.20E-04	1.20E-02			1.6E+03			
AOI-48 (NW)	Zone1	VOC	Methylene Chloride	75-09-2	TOTAL	B2	4				2.90E-04	8.30E-03	5.0E-03	2.2E+02	1.1E+02			
AOI-48 (NW)	Zone1	VOC	Styrene	100-42-5	TOTAL		4				3.50E-04	1.00E-02	1.0E-01	9.7E+00	2.0E+03			
AOI-48 (NW)	Zone1	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	4				3.60E-04	1.00E-02	8.5E-03	4.7E+00	4.9E+00			
AOI-48 (NW)	Zone1	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	4				4.20E-04	1.20E-02	5.0E-03	1.2E+01	4.6E+00			
AOI-48 (NW)	Zone1	VOC	Toluene	108-88-3	TOTAL	D	4	1	9.40E-04	9.40E-04	1.30E-03	1.10E-02	1.0E+00	5.3E+02	4.2E+02	9.4E-04	1.8E-06	2.3E-06
AOI-48 (NW)	Zone1	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	4				4.00E-04	1.10E-02	7.0E-02	1.9E+01	7.5E+02			
AOI-48 (NW)	Zone1	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	4				3.90E-04	1.10E-02	2.0E-01	1.3E+03	1.3E+03			
AOI-48 (NW)	Zone1	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	4				3.60E-04	1.00E-02	5.0E-03	2.1E+01	7.2E+00			
AOI-48 (NW)	Zone1	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	4	3	8.40E-03	1.00E+00	1.40E-03	1.40E-03	5.0E-03	2.2E+01	1.1E+01	**2.0E+02**	4.5E-02	9.3E-02
AOI-48 (NW)	Zone1	VOC	Trichlorofluoromethane	75-69-4	TOTAL		4				5.40E-04	1.50E-02	2.6E+00	1.1E+03	1.9E+02			
AOI-48 (NW)	Zone1	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	TOTAL		4				3.20E-04	9.10E-03	1.7E+02	1.7E+02	2.1E+04			
AOI-48 (NW)	Zone1	VOC	Vinyl Chloride	75-01-4	TOTAL	A	4	4	5.20E-04	1.10E-01			2.0E-03	1.0E+00	1.0E+00	**5.5E+01**	1.1E-01	1.1E-01
AOI-48 (NW)	Zone1	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	4	1	6.80E-04	6.80E-04	1.50E-03	1.30E-02	1.0E+01	1.9E+02	1.0E+02	6.8E-05	3.6E-06	6.5E-06
AOI-48 (NW)	Zone1/Zone	VOC	Acetone	67-64-1	TOTAL	ID	12				5.10E-04	6.30E-01	7.3E-01	3.1E+04	3.4E+04			
AOI-48 (NW)	Zone1/Zone	VOC	Acrolein	107-02-8	TOTAL	ID	6				5.00E-03	1.30E-01	1.2E-01	3.4E+03	6.3E-01			
AOI-48 (NW)	Zone1/Zone	VOC	Acrylonitrile	107-13-1	TOTAL	B1	6				1.00E-03	2.50E-02	2.6E-03	1.4E+01	1.3E+01			
AOI-48 (NW)	Zone1/Zone	VOC	Benzene	71-43-2	TOTAL	A	12	4	4.40E-04	4.30E+00	1.60E-04	1.00E-03	5.0E-03	1.1E+01	3.4E+00	**8.6E+02**	3.9E-01	**1.3E+00**

Table C-3b: Off-Site Borehole Water Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Residential Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Residential GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Residential Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Residential GW Volatilization to Indoor Air Criteria
AOI-48 (NW)	Zone1/Zone	VOC	Bromobenzene	108-86-1	TOTAL		6				1.00E-03	2.50E-02	1.8E-02	1.2E+01				
AOI-48 (NW)	Zone1/Zone	VOC	Bromochloromethane	74-97-5	TOTAL		6				1.00E-03	2.50E-02						
AOI-48 (NW)	Zone1/Zone	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	12				1.70E-04	2.50E-02	1.0E-01	1.4E+01	4.2E+00			
AOI-48 (NW)	Zone1/Zone	VOC	Bromoform	75-25-2	TOTAL	B2	12				1.80E-04	2.50E-02	1.0E-01	1.4E+02	1.8E+02			
AOI-48 (NW)	Zone1/Zone	VOC	Bromomethane	74-83-9	TOTAL	D	12				2.00E-04	2.50E-02	1.0E-02	7.0E+01	5.0E+00			
AOI-48 (NW)	Zone1/Zone	VOC	2-Butanone	78-93-3	TOTAL	ID	12				4.10E-04	6.30E-01	1.3E+01	2.4E+05	6.8E+04			
AOI-48 (NW)	Zone1/Zone	VOC	n-Butylbenzene	104-51-8	TOTAL		6				1.00E-03	2.50E-02	8.0E-02	5.9E+00				
AOI-48 (NW)	Zone1/Zone	VOC	sec-Butylbenzene	135-98-8	TOTAL		6	1	1.50E-03	1.50E-03	1.00E-03	2.50E-02	8.0E-02	4.4E+00		1.9E-02	3.4E-04	
AOI-48 (NW)	Zone1/Zone	VOC	tert-Butylbenzene	98-06-6	TOTAL		6				1.00E-03	2.50E-02	8.0E-02	8.9E+00				
AOI-48 (NW)	Zone1/Zone	VOC	Carbon Disulfide	75-15-0	TOTAL		12				2.00E-04	1.30E-01	8.0E-01	1.2E+03	2.8E+02			
AOI-48 (NW)	Zone1/Zone	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	12				1.20E-04	2.50E-02	5.0E-03	4.6E+00	7.1E-01			
AOI-48 (NW)	Zone1/Zone	VOC	3-Chloro-1-propene	107-05-1	TOTAL		6				1.00E-03	2.50E-02						
AOI-48 (NW)	Zone1/Zone	VOC	Chlorobenzene	108-90-7	TOTAL	D	12				1.40E-04	2.50E-02	1.0E-01	8.6E+01	9.6E+01			
AOI-48 (NW)	Zone1/Zone	VOC	Chloroethane	75-00-3	TOTAL		12				2.60E-04	2.50E-02	4.3E-01	4.4E+02	2.0E+04			
AOI-48 (NW)	Zone1/Zone	VOC	2-Chloroethylvinyl ether	110-75-8	TOTAL		6				1.00E-02	2.50E-01						
AOI-48 (NW)	Zone1/Zone	VOC	Chloroform	67-66-3	TOTAL	B2	12	2	2.60E-03	1.30E-02	1.40E-04	2.50E-02	1.0E-01	1.5E+02	1.5E+00	1.3E-01	8.7E-05	8.6E-03
AOI-48 (NW)	Zone1/Zone	VOC	Chloromethane	74-87-3	TOTAL	D	12				1.30E-04	2.50E-02	2.6E-01	4.9E+02	6.4E+01			
AOI-48 (NW)	Zone1/Zone	VOC	2-Chlorotoluene	95-49-8	TOTAL		6				1.00E-03	2.50E-02	1.5E-01	4.4E+01				
AOI-48 (NW)	Zone1/Zone	VOC	4-Chlorotoluene	106-43-4	TOTAL		6				1.00E-03	2.50E-02						
AOI-48 (NW)	Zone1/Zone	VOC	Cumene	98-82-8	TOTAL	D	12				1.20E-04	1.30E-01	8.0E-01	5.6E+01	7.0E+01			
AOI-48 (NW)	Zone1/Zone	VOC	Cyclohexane	110-82-7	TOTAL	ID	6	1	3.90E-04	3.90E-04	1.30E-04	3.30E-04			4.3E+03			9.1E-08
AOI-48 (NW)	Zone1/Zone	VOC	p-Cymene	99-87-6	TOTAL		6	1	7.20E-03	7.20E-03	1.00E-03	2.50E-02						
AOI-48 (NW)	Zone1/Zone	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	12				6.20E-04	2.50E-02	2.0E-04	3.9E-01	5.3E+00			
AOI-48 (NW)	Zone1/Zone	VOC	Dibromochloromethane	124-48-1	TOTAL	C	12				2.60E-04	2.50E-02	1.0E-01	1.8E+01	5.9E+00			
AOI-48 (NW)	Zone1/Zone	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	12				2.20E-04	2.50E-02	1.0E-03	2.5E-02	5.5E-03			
AOI-48 (NW)	Zone1/Zone	VOC	Dibromomethane	74-95-3	TOTAL		6				5.00E-03	1.30E-01	8.0E-02	5.3E+02				
AOI-48 (NW)	Zone1/Zone	VOC	trans-1,4-Dichloro-2-butene	110-57-6	TOTAL		6				1.00E-03	2.50E-02						
AOI-48 (NW)	Zone1/Zone	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	12				1.10E-04	2.50E-02	6.0E-01	1.6E+02	5.5E+02			
AOI-48 (NW)	Zone1/Zone	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	12				1.50E-04	2.50E-02	6.6E-03	2.0E+00	2.7E+02			
AOI-48 (NW)	Zone1/Zone	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	12				1.70E-04	2.50E-02	7.5E-02	6.4E+00	8.4E+00			
AOI-48 (NW)	Zone1/Zone	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		12				2.60E-04	2.50E-02	1.7E+00	3.0E+02	4.0E+01			
AOI-48 (NW)	Zone1/Zone	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	12				1.60E-04	2.50E-02	8.8E-01	2.4E+03	5.6E+02			
AOI-48 (NW)	Zone1/Zone	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	12	1	1.10E-03	1.10E-03	2.10E-04	2.50E-02	5.0E-03	1.9E+01	4.0E+00	2.2E-01	5.8E-05	2.7E-04
AOI-48 (NW)	Zone1/Zone	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	12				2.40E-04	2.50E-02	7.0E-03	1.1E+01	8.7E+01			
AOI-48 (NW)	Zone1/Zone	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	12				2.20E-04	2.50E-02	7.0E-02	2.0E+02	4.9E+01			
AOI-48 (NW)	Zone1/Zone	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		12				1.50E-04	2.50E-02	1.0E-01	2.2E+02	5.3E+01			
AOI-48 (NW)	Zone1/Zone	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	12				1.70E-04	2.50E-02	5.0E-03	1.6E+01	2.3E+00			
AOI-48 (NW)	Zone1/Zone	VOC	1,3-Dichloropropane	142-28-9	TOTAL		6				1.00E-03	2.50E-02						
AOI-48 (NW)	Zone1/Zone	VOC	2,2-Dichloropropane	594-20-7	TOTAL		6				1.00E-03	2.50E-02						
AOI-48 (NW)	Zone1/Zone	VOC	1,1-Dichloropropene	563-58-6	TOTAL		6				1.00E-03	2.50E-02						
AOI-48 (NW)	Zone1/Zone	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	12				2.70E-04	2.50E-02	8.5E-03	5.5E+00	3.4E+00			
AOI-48 (NW)	Zone1/Zone	VOC	Ethyl Benzene	100-41-4	TOTAL	D	12	1	8.20E-01	8.20E-01	1.20E-04	1.00E-03	7.0E-01	1.7E+02	9.9E+02	**1.2E+00**	4.8E-03	8.3E-04
AOI-48 (NW)	Zone1/Zone	VOC	2-Hexanone	591-78-6	TOTAL		12				4.60E-04	1.30E+00	1.0E+00	5.2E+03				
AOI-48 (NW)	Zone1/Zone	VOC	Iodomethane	74-88-4	TOTAL		6				1.00E-03	2.50E-02						
AOI-48 (NW)	Zone1/Zone	VOC	Methyl Acetate	79-20-9	TOTAL		6				4.10E-04	5.40E-04			1.5E+05			
AOI-48 (NW)	Zone1/Zone	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		12				1.30E-04	1.30E-01	2.4E-01	6.1E+02	7.9E+02			
AOI-48 (NW)	Zone1/Zone	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	12				2.30E-04	1.30E+00	1.8E+00	1.3E+04	8.6E+04			
AOI-48 (NW)	Zone1/Zone	VOC	Methylcyclohexane	108-87-2	TOTAL		6	2	4.20E-04	7.00E-04	1.50E-04	4.20E-04			1.6E+03			4.5E-07
AOI-48 (NW)	Zone1/Zone	VOC	Methylene Chloride	75-09-2	TOTAL	B2	12				2.90E-04	1.30E-01	5.0E-03	2.2E+02	1.1E+02			
AOI-48 (NW)	Zone1/Zone	VOC	Diisopropyl ether	108-20-3	TOTAL		6				1.00E-03	2.50E-02	3.0E-02	8.0E+00				
AOI-48 (NW)	Zone1/Zone	VOC	n-Propylbenzene	103-65-1	TOTAL		6	2	1.10E-02	1.00E-01	1.00E-03	1.00E-03	8.0E-02	1.5E+01		**1.3E+00**	6.7E-03	

Table C-3b: Off-Site Borehole Water Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Residential Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Residential GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Residential Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Residential GW Volatilization to Indoor Air Criteria
AOI-48 (NW)	Zone1/Zone	VOC	Styrene	100-42-5	TOTAL		12				1.50E-04	2.50E-02	1.0E-01	9.7E+00	2.0E+03			
AOI-48 (NW)	Zone1/Zone	VOC	1,1,1,2-Tetrachloroethane	630-20-6	TOTAL		6				1.00E-03	2.50E-02	7.7E-02	3.0E+01				
AOI-48 (NW)	Zone1/Zone	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	12				2.50E-04	2.50E-02	8.5E-03	4.7E+00	4.9E+00			
AOI-48 (NW)	Zone1/Zone	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	12				2.30E-04	2.50E-02	5.0E-03	1.2E+01	4.6E+00			
AOI-48 (NW)	Zone1/Zone	VOC	Tetrahydrofuran	109-99-9	TOTAL		6				1.00E-01	2.50E+00	9.5E-02	1.6E+03	2.0E+02			
AOI-48 (NW)	Zone1/Zone	VOC	Toluene	108-88-3	TOTAL	D	12	3	4.60E-04	6.00E-01	1.80E-04	1.00E-03	1.0E+00	5.3E+02	4.2E+02	6.0E-01	1.1E-03	1.4E-03
AOI-48 (NW)	Zone1/Zone	VOC	1,2,3-Trichlorobenzene	87-61-6	TOTAL		6				5.00E-03	1.30E-01						
AOI-48 (NW)	Zone1/Zone	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	12				1.70E-04	1.30E-01	7.0E-02	1.9E+01	7.5E+02			
AOI-48 (NW)	Zone1/Zone	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	12				1.50E-04	2.50E-02	2.0E-01	1.3E+03	1.3E+03			
AOI-48 (NW)	Zone1/Zone	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	12				3.00E-04	2.50E-02	5.0E-03	2.1E+01	7.2E+00			
AOI-48 (NW)	Zone1/Zone	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	12	3	4.10E-03	9.00E-02	1.40E-04	2.50E-02	5.0E-03	2.2E+01	1.1E+01	1.8E+01	4.1E-03	8.3E-03
AOI-48 (NW)	Zone1/Zone	VOC	Trichlorofluoromethane	75-69-4	TOTAL		12				2.80E-04	2.50E-02	2.6E+00	1.1E+03	1.9E+02			
AOI-48 (NW)	Zone1/Zone	VOC	1,2,3-Trichloropropane	96-18-4	TOTAL	B2	6				1.00E-03	2.50E-02	4.2E-02	8.4E+01	4.2E-01			
AOI-48 (NW)	Zone1/Zone	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	TOTAL		6				3.20E-04	3.20E-04	1.7E+02	1.7E+02	2.1E+04			
AOI-48 (NW)	Zone1/Zone	VOC	1,2,4-Trimethylbenzene	95-63-6	TOTAL		6	2	7.40E-02	2.20E-01	1.00E-03	1.00E-03	1.0E+00	5.6E+01	7.4E+00	2.2E-01	3.9E-03	3.0E-02
AOI-48 (NW)	Zone1/Zone	VOC	1,3,5-Trimethylbenzene	108-67-8	TOTAL		6	2	4.10E-02	5.60E-02	1.00E-03	1.00E-03	1.0E+00	6.1E+01	6.0E+00	5.6E-02	9.2E-04	9.3E-03
AOI-48 (NW)	Zone1/Zone	VOC	Vinyl Acetate	108-05-4	TOTAL		6				5.00E-02	1.30E+00	6.4E-01	8.0E+03	1.6E+03			
AOI-48 (NW)	Zone1/Zone	VOC	Vinyl Chloride	75-01-4	TOTAL	A	12				1.50E-04	2.50E-02	2.0E-03	1.0E+00	1.0E+00			
AOI-48 (NW)	Zone1/Zone	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	12	2	6.20E-03	1.67E+00	3.30E-04	2.00E-03	1.0E+01	1.9E+02	1.0E+02	1.7E-01	8.8E-03	1.6E-02
AOI-48 (NW)	Zone1/Zone	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	6				1.00E-03	2.50E-02	1.5E-02	4.0E-01	7.8E-01			
AOI-48 (NW)	Zone1/Zone	SVOC	Hexachloroethane	67-72-1	TOTAL	C	6				5.00E-03	1.30E-01	7.3E-03	1.9E+00	1.1E+01			
AOI-48 (NW)	Zone1/Zone	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	6				5.00E-03	1.30E-01	2.6E-01	2.5E+01	2.6E+01			
AOI-48 (NW)	Zone1/Zone	SVOC	Naphthalene	91-20-3	TOTAL	C	6	1	1.90E-01	1.90E-01	5.00E-03	5.00E-03	5.2E-01	3.1E+01	2.7E+01	3.7E-01	6.1E-03	7.0E-03
AOI-48 (NW)	Zone2	VOC	Acetone	67-64-1	TOTAL	ID	37				5.10E-04	1.30E+00	7.3E-01	3.1E+04	3.4E+04			
AOI-48 (NW)	Zone2	VOC	Acrolein	107-02-8	TOTAL	ID	9				5.00E-03	2.50E-01	1.2E-01	3.4E+03	6.3E-01			
AOI-48 (NW)	Zone2	VOC	Acrylonitrile	107-13-1	TOTAL	B1	9				1.00E-03	5.00E-02	2.6E-03	1.4E+01	1.3E+01			
AOI-48 (NW)	Zone2	VOC	Benzene	71-43-2	TOTAL	A	37	4	2.10E-04	1.40E-01	1.60E-04	5.00E-02	5.0E-03	1.1E+01	3.4E+00	2.8E+01	1.3E-02	4.2E-02
AOI-48 (NW)	Zone2	VOC	Bromobenzene	108-86-1	TOTAL		9				1.00E-03	5.00E-02	1.8E-02	1.2E+01				
AOI-48 (NW)	Zone2	VOC	Bromochloromethane	74-97-5	TOTAL		9				1.00E-03	5.00E-02						
AOI-48 (NW)	Zone2	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	37				1.70E-04	5.00E-02	1.0E-01	1.4E+01	4.2E+00			
AOI-48 (NW)	Zone2	VOC	Bromoform	75-25-2	TOTAL	B2	37				1.80E-04	5.00E-02	1.0E-01	1.4E+02	1.8E+02			
AOI-48 (NW)	Zone2	VOC	Bromomethane	74-83-9	TOTAL	D	37				2.00E-04	5.00E-02	1.0E-02	7.0E+01	5.0E+00			
AOI-48 (NW)	Zone2	VOC	2-Butanone	78-93-3	TOTAL	ID	37	1	6.50E-04	6.50E-04	4.10E-04	1.30E+00	1.3E+01	2.4E+05	6.8E+04	5.0E-05	2.7E-09	9.6E-09
AOI-48 (NW)	Zone2	VOC	n-Butylbenzene	104-51-8	TOTAL		9	1	7.70E-03	7.70E-03	1.00E-03	5.00E-02	8.0E-02	5.9E+00		9.6E-02	1.3E-03	
AOI-48 (NW)	Zone2	VOC	sec-Butylbenzene	135-98-8	TOTAL		9	1	3.30E-03	3.30E-03	1.00E-03	5.00E-02	8.0E-02	4.4E+00		4.1E-02	7.5E-04	
AOI-48 (NW)	Zone2	VOC	tert-Butylbenzene	98-06-6	TOTAL		9				1.00E-03	5.00E-02	8.0E-02	8.9E+00				
AOI-48 (NW)	Zone2	VOC	Carbon Disulfide	75-15-0	TOTAL		37	1	3.70E-04	3.70E-04	2.00E-04	2.50E-01	8.0E-01	1.2E+03	2.8E+02	4.6E-04	3.1E-07	1.3E-06
AOI-48 (NW)	Zone2	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	37				1.20E-04	5.00E-02	5.0E-03	4.6E+00	7.1E-01			
AOI-48 (NW)	Zone2	VOC	3-Chloro-1-propene	107-05-1	TOTAL		9				1.00E-03	5.00E-02						
AOI-48 (NW)	Zone2	VOC	Chlorobenzene	108-90-7	TOTAL	D	37				1.40E-04	5.00E-02	1.0E-01	8.6E+01	9.6E+01			
AOI-48 (NW)	Zone2	VOC	Chloroethane	75-00-3	TOTAL		37				2.60E-04	5.00E-02	4.3E-01	4.4E+02	2.0E+04			
AOI-48 (NW)	Zone2	VOC	2-Chloroethylvinyl ether	110-75-8	TOTAL		9				1.00E-02	5.00E-01						
AOI-48 (NW)	Zone2	VOC	Chloroform	67-66-3	TOTAL	B2	37				1.40E-04	5.00E-02	1.0E-01	1.5E+02	1.5E+00			
AOI-48 (NW)	Zone2	VOC	Chloromethane	74-87-3	TOTAL	D	37	1	1.60E-04	1.60E-04	1.30E-04	5.00E-02	2.6E-01	4.9E+02	6.4E+01	6.2E-04	3.3E-07	2.5E-06
AOI-48 (NW)	Zone2	VOC	2-Chlorotoluene	95-49-8	TOTAL		9				1.00E-03	5.00E-02	1.5E-01	4.4E+01				
AOI-48 (NW)	Zone2	VOC	4-Chlorotoluene	106-43-4	TOTAL		9				1.00E-03	5.00E-02						
AOI-48 (NW)	Zone2	VOC	Cumene	98-82-8	TOTAL	D	37	1	6.80E-03	6.80E-03	1.20E-04	2.50E-01	8.0E-01	5.6E+01	7.0E+01	8.5E-03	1.2E-04	9.8E-05
AOI-48 (NW)	Zone2	VOC	Cyclohexane	110-82-7	TOTAL	ID	28	7	1.60E-04	1.10E-03	1.30E-04	3.30E-04			4.3E+03			2.6E-07
AOI-48 (NW)	Zone2	VOC	p-Cymene	99-87-6	TOTAL		9	1	4.60E-03	4.60E-03	1.00E-03	5.00E-02						
AOI-48 (NW)	Zone2	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	37				6.20E-04	5.00E-02	2.0E-04	3.9E-01	5.3E+00			
AOI-48 (NW)	Zone2	VOC	Dibromochloromethane	124-48-1	TOTAL	C	37				2.60E-04	5.00E-02	1.0E-01	1.8E+01	5.9E+00			

Table C-3b: Off-Site Borehole Water Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Residential Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Residential GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Residential Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Residential GW Volatilization to Indoor Air Criteria
AOI-48 (NW)	Zone2	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	37				2.20E-04	5.00E-02	1.0E-03	2.5E-02	5.5E-03			
AOI-48 (NW)	Zone2	VOC	Dibromomethane	74-95-3	TOTAL		9				5.00E-03	2.50E-01	8.0E-02	5.3E+02				
AOI-48 (NW)	Zone2	VOC	trans-1,4-Dichloro-2-butene	110-57-6	TOTAL		9				1.00E-03	5.00E-02						
AOI-48 (NW)	Zone2	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	37				1.10E-04	5.00E-02	6.0E-01	1.6E+02	5.5E+02			
AOI-48 (NW)	Zone2	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	37				1.50E-04	5.00E-02	6.6E-03	2.0E+00	2.7E+02			
AOI-48 (NW)	Zone2	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	37				1.70E-04	5.00E-02	7.5E-02	6.4E+00	8.4E+00			
AOI-48 (NW)	Zone2	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		37				2.60E-04	5.00E-02	1.7E+00	3.0E+02	4.0E+01			
AOI-48 (NW)	Zone2	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	37				1.60E-04	5.00E-02	8.8E-01	2.4E+03	5.6E+02			
AOI-48 (NW)	Zone2	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	37	2	2.20E-03	9.90E-03	2.10E-04	5.00E-02	5.0E-03	1.9E+01	4.0E+00	2.0E+00	5.2E-04	2.5E-03
AOI-48 (NW)	Zone2	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	37	1	1.10E-03	1.10E-03	2.40E-04	5.00E-02	7.0E-03	1.1E+01	8.7E+01	1.6E-01	1.0E-04	1.3E-05
AOI-48 (NW)	Zone2	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	37	5	7.30E-04	1.00E-02	2.20E-04	5.00E-02	7.0E-02	2.0E+02	4.9E+01	1.4E-01	5.0E-05	2.1E-04
AOI-48 (NW)	Zone2	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		37	3	1.30E-03	2.40E-03	1.50E-04	5.00E-02	1.0E-01	2.2E+02	5.3E+01	2.4E-02	1.1E-05	4.5E-05
AOI-48 (NW)	Zone2	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	37				1.70E-04	5.00E-02	5.0E-03	1.6E+01	2.3E+00			
AOI-48 (NW)	Zone2	VOC	1,3-Dichloropropane	142-28-9	TOTAL		9				1.00E-03	5.00E-02						
AOI-48 (NW)	Zone2	VOC	2,2-Dichloropropane	594-20-7	TOTAL		9				1.00E-03	5.00E-02						
AOI-48 (NW)	Zone2	VOC	1,1-Dichloropropene	563-58-6	TOTAL		9				1.00E-03	5.00E-02						
AOI-48 (NW)	Zone2	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	37				2.70E-04	5.00E-02	8.5E-03	5.5E+00	3.4E+00			
AOI-48 (NW)	Zone2	VOC	Ethyl Benzene	100-41-4	TOTAL	D	37	2	1.40E-04	7.00E-02	1.20E-04	5.00E-02	7.0E-01	1.7E+02	9.9E+02	1.0E-01	4.1E-04	7.1E-05
AOI-48 (NW)	Zone2	VOC	2-Hexanone	591-78-6	TOTAL		37				4.60E-04	2.50E+00	1.0E+00	5.2E+03				
AOI-48 (NW)	Zone2	VOC	Iodomethane	74-88-4	TOTAL		9				1.00E-03	5.00E-02						
AOI-48 (NW)	Zone2	VOC	Methyl Acetate	79-20-9	TOTAL		28				4.10E-04	5.40E-04			1.5E+05			
AOI-48 (NW)	Zone2	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		37				1.30E-04	2.50E-01	2.4E-01	6.1E+02	7.9E+02			
AOI-48 (NW)	Zone2	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	37				2.30E-04	2.50E+00	1.8E+00	1.3E+04	8.6E+04			
AOI-48 (NW)	Zone2	VOC	Methylcyclohexane	108-87-2	TOTAL		28	9	1.90E-04	9.40E-04	1.50E-04	4.20E-04			1.6E+03			6.0E-07
AOI-48 (NW)	Zone2	VOC	Methylene Chloride	75-09-2	TOTAL	B2	37				2.90E-04	2.50E-01	5.0E-03	2.2E+02	1.1E+02			
AOI-48 (NW)	Zone2	VOC	Diisopropyl ether	108-20-3	TOTAL		9				1.00E-03	5.00E-02	3.0E-02	8.0E+00				
AOI-48 (NW)	Zone2	VOC	n-Propylbenzene	103-65-1	TOTAL		9	2	1.40E-03	2.50E-02	1.00E-03	5.00E-02	8.0E-02	1.5E+01		3.1E-01	1.7E-03	
AOI-48 (NW)	Zone2	VOC	Styrene	100-42-5	TOTAL		37				1.50E-04	5.00E-02	1.0E-01	9.7E+00	2.0E+03			
AOI-48 (NW)	Zone2	VOC	1,1,1,2-Tetrachloroethane	630-20-6	TOTAL		9				1.00E-03	5.00E-02	7.7E-02	3.0E+01				
AOI-48 (NW)	Zone2	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	37				2.50E-04	5.00E-02	8.5E-03	4.7E+00	4.9E+00			
AOI-48 (NW)	Zone2	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	37				2.30E-04	5.00E-02	5.0E-03	1.2E+01	4.6E+00			
AOI-48 (NW)	Zone2	VOC	Tetrahydrofuran	109-99-9	TOTAL		9				1.00E-01	5.00E+00	9.5E-02	1.6E+03	2.0E+02			
AOI-48 (NW)	Zone2	VOC	Toluene	108-88-3	TOTAL	D	37	6	5.50E-04	7.70E-02	1.80E-04	5.00E-02	1.0E+00	5.3E+02	4.2E+02	7.7E-02	1.5E-04	1.8E-04
AOI-48 (NW)	Zone2	VOC	1,2,3-Trichlorobenzene	87-61-6	TOTAL		9				5.00E-03	2.50E-01						
AOI-48 (NW)	Zone2	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	37				1.70E-04	2.50E-01	7.0E-02	1.9E+01	7.5E+02			
AOI-48 (NW)	Zone2	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	37				1.50E-04	5.00E-02	2.0E-01	1.3E+03	1.3E+03			
AOI-48 (NW)	Zone2	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	37				3.00E-04	5.00E-02	5.0E-03	2.1E+01	7.2E+00			
AOI-48 (NW)	Zone2	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	37	4	6.10E-04	1.00E+00	1.40E-04	5.00E-02	5.0E-03	2.2E+01	1.1E+01	2.0E+02	4.5E-02	9.3E-02
AOI-48 (NW)	Zone2	VOC	Trichlorofluoromethane	75-69-4	TOTAL		37				2.80E-04	5.00E-02	2.6E+00	1.1E+03	1.9E+02			
AOI-48 (NW)	Zone2	VOC	1,2,3-Trichloropropane	96-18-4	TOTAL	B2	9				1.00E-03	5.00E-02	4.2E-02	8.4E+01	4.2E-01			
AOI-48 (NW)	Zone2	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	TOTAL		28				3.20E-04	3.20E-04	1.7E+02	1.7E+02	2.1E+04			
AOI-48 (NW)	Zone2	VOC	1,2,4-Trimethylbenzene	95-63-6	TOTAL		9	3	1.80E-03	1.40E-01	1.00E-03	5.00E-02	1.0E+00	5.6E+01	7.4E+00	1.4E-01	2.5E-03	1.9E-02
AOI-48 (NW)	Zone2	VOC	1,3,5-Trimethylbenzene	108-67-8	TOTAL		9	2	5.40E-03	4.40E-02	1.00E-03	5.00E-02	1.0E+00	6.1E+01	6.0E+00	4.4E-02	7.2E-04	7.3E-03
AOI-48 (NW)	Zone2	VOC	Vinyl Acetate	108-05-4	TOTAL		9				5.00E-02	2.50E+00	6.4E-01	8.0E+03	1.6E+03			
AOI-48 (NW)	Zone2	VOC	Vinyl Chloride	75-01-4	TOTAL	A	37	1	2.50E-03	2.50E-03	1.50E-04	5.00E-02	2.0E-03	1.0E+00	1.0E+00	1.3E+00	2.5E-03	2.5E-03
AOI-48 (NW)	Zone2	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	37	4	5.20E-04	3.83E-01	3.30E-04	1.00E-01	1.0E+01	1.9E+02	1.0E+02	3.8E-02	2.0E-03	3.7E-03
AOI-48 (NW)	Zone2	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	9				1.00E-03	5.00E-02	1.5E-02	4.0E-01	7.8E-01			
AOI-48 (NW)	Zone2	SVOC	Hexachloroethane	67-72-1	TOTAL	C	9				5.00E-03	2.50E-01	7.3E-03	1.9E+00	1.1E+01			
AOI-48 (NW)	Zone2	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	9	1	1.80E-02	1.80E-02	5.00E-03	2.50E-01	2.6E-01	2.5E+01	2.6E+01	6.9E-02	7.2E-04	7.0E-04
AOI-48 (NW)	Zone2	SVOC	Naphthalene	91-20-3	TOTAL	C	9	1	3.30E-02	3.30E-02	5.00E-03	2.50E-01	5.2E-01	3.1E+01	2.7E+01	6.3E-02	1.1E-03	1.2E-03
AOI-48 (SE)	Zone2	VOC	Acetone	67-64-1	TOTAL	ID	9				2.50E-02	2.50E-02	7.3E-01	3.1E+04	3.4E+04			

Table C-3b: Off-Site Borehole Water Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Residential Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Residential GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Residential Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Residential GW Volatilization to Indoor Air Criteria
AOI-48 (SE)	Zone2	VOC	Acrolein	107-02-8	TOTAL	ID	9				5.00E-03	5.00E-03	1.2E-01	3.4E+03	6.3E-01			
AOI-48 (SE)	Zone2	VOC	Acrylonitrile	107-13-1	TOTAL	B1	9				1.00E-03	1.00E-03	2.6E-03	1.4E+01	1.3E+01			
AOI-48 (SE)	Zone2	VOC	Benzene	71-43-2	TOTAL	A	9				1.00E-03	1.00E-03	5.0E-03	1.1E+01	3.4E+00			
AOI-48 (SE)	Zone2	VOC	Bromobenzene	108-86-1	TOTAL		9				1.00E-03	1.00E-03	1.8E-02	1.2E+01				
AOI-48 (SE)	Zone2	VOC	Bromochloromethane	74-97-5	TOTAL		9				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone2	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	9				1.00E-03	1.00E-03	1.0E-01	1.4E+01	4.2E+00			
AOI-48 (SE)	Zone2	VOC	Bromoform	75-25-2	TOTAL	B2	9				1.00E-03	1.00E-03	1.0E-01	1.4E+02	1.8E+02			
AOI-48 (SE)	Zone2	VOC	Bromomethane	74-83-9	TOTAL	D	9				1.00E-03	1.00E-03	1.0E-02	7.0E+01	5.0E+00			
AOI-48 (SE)	Zone2	VOC	2-Butanone	78-93-3	TOTAL	ID	9				2.50E-02	2.50E-02	1.3E+01	2.4E+05	6.8E+04			
AOI-48 (SE)	Zone2	VOC	n-Butylbenzene	104-51-8	TOTAL		9				1.00E-03	1.00E-03	8.0E-02	5.9E+00				
AOI-48 (SE)	Zone2	VOC	sec-Butylbenzene	135-98-8	TOTAL		9				1.00E-03	1.00E-03	8.0E-02	4.4E+00				
AOI-48 (SE)	Zone2	VOC	tert-Butylbenzene	98-06-6	TOTAL		9				1.00E-03	1.00E-03	8.0E-02	8.9E+00				
AOI-48 (SE)	Zone2	VOC	Carbon Disulfide	75-15-0	TOTAL		9				5.00E-03	5.00E-03	8.0E-01	1.2E+03	2.8E+02			
AOI-48 (SE)	Zone2	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	9				1.00E-03	1.00E-03	5.0E-03	4.6E+00	7.1E-01			
AOI-48 (SE)	Zone2	VOC	3-Chloro-1-propene	107-05-1	TOTAL		9				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone2	VOC	Chlorobenzene	108-90-7	TOTAL	D	9				1.00E-03	1.00E-03	1.0E-01	8.6E+01	9.6E+01			
AOI-48 (SE)	Zone2	VOC	Chloroethane	75-00-3	TOTAL		9				1.00E-03	1.00E-03	4.3E-01	4.4E+02	2.0E+04			
AOI-48 (SE)	Zone2	VOC	2-Chloroethylvinyl ether	110-75-8	TOTAL		9				1.00E-02	1.00E-02						
AOI-48 (SE)	Zone2	VOC	Chloroform	67-66-3	TOTAL	B2	9				1.00E-03	1.00E-03	1.0E-01	1.5E+02	1.5E+00			
AOI-48 (SE)	Zone2	VOC	Chloromethane	74-87-3	TOTAL	D	9				1.00E-03	1.00E-03	2.6E-01	4.9E+02	6.4E+01			
AOI-48 (SE)	Zone2	VOC	2-Chlorotoluene	95-49-8	TOTAL		9				1.00E-03	1.00E-03	1.5E-01	4.4E+01				
AOI-48 (SE)	Zone2	VOC	4-Chlorotoluene	106-43-4	TOTAL		9				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone2	VOC	Cumene	98-82-8	TOTAL	D	9				5.00E-03	5.00E-03	8.0E-01	5.6E+01	7.0E+01			
AOI-48 (SE)	Zone2	VOC	p-Cymene	99-87-6	TOTAL		9				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone2	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	9				1.00E-03	1.00E-03	2.0E-04	3.9E-01	5.3E+00			
AOI-48 (SE)	Zone2	VOC	Dibromochloromethane	124-48-1	TOTAL	C	9				1.00E-03	1.00E-03	1.0E-01	1.8E+01	5.9E+00			
AOI-48 (SE)	Zone2	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	9				1.00E-03	1.00E-03	1.0E-03	2.5E-02	5.5E-03			
AOI-48 (SE)	Zone2	VOC	Dibromomethane	74-95-3	TOTAL		9				5.00E-03	5.00E-03	8.0E-02	5.3E+02				
AOI-48 (SE)	Zone2	VOC	trans-1,4-Dichloro-2-butene	110-57-6	TOTAL		9				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone2	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	9				1.00E-03	1.00E-03	6.0E-01	1.6E+02	5.5E+02			
AOI-48 (SE)	Zone2	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	9				1.00E-03	1.00E-03	6.6E-03	2.0E+00	2.7E+02			
AOI-48 (SE)	Zone2	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	9				1.00E-03	1.00E-03	7.5E-02	6.4E+00	8.4E+00			
AOI-48 (SE)	Zone2	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		9				1.00E-03	1.00E-03	1.7E+00	3.0E+02	4.0E+01			
AOI-48 (SE)	Zone2	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	9				1.00E-03	1.00E-03	8.8E-01	2.4E+03	5.6E+02			
AOI-48 (SE)	Zone2	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	9				1.00E-03	1.00E-03	5.0E-03	1.9E+01	4.0E+00			
AOI-48 (SE)	Zone2	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	9				1.00E-03	1.00E-03	7.0E-03	1.1E+01	8.7E+01			
AOI-48 (SE)	Zone2	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	9	1	1.30E-03	1.30E-03	1.00E-03	1.00E-03	7.0E-02	2.0E+02	4.9E+01	1.9E-02	6.5E-06	2.7E-05
AOI-48 (SE)	Zone2	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		9				1.00E-03	1.00E-03	1.0E-01	2.2E+02	5.3E+01			
AOI-48 (SE)	Zone2	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	9				1.00E-03	1.00E-03	5.0E-03	1.6E+01	2.3E+00			
AOI-48 (SE)	Zone2	VOC	1,3-Dichloropropane	142-28-9	TOTAL		9				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone2	VOC	2,2-Dichloropropane	594-20-7	TOTAL		9				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone2	VOC	1,1-Dichloropropene	563-58-6	TOTAL		9				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone2	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	9				1.00E-03	1.00E-03	8.5E-03	5.5E+00	3.4E+00			
AOI-48 (SE)	Zone2	VOC	Ethyl Benzene	100-41-4	TOTAL	D	9				1.00E-03	1.00E-03	7.0E-01	1.7E+02	9.9E+02			
AOI-48 (SE)	Zone2	VOC	2-Hexanone	591-78-6	TOTAL		9				5.00E-02	5.00E-02	1.0E+00	5.2E+03				
AOI-48 (SE)	Zone2	VOC	Iodomethane	74-88-4	TOTAL		9				1.00E-03	1.00E-03						
AOI-48 (SE)	Zone2	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		9				5.00E-03	5.00E-03	2.4E-01	6.1E+02	7.9E+02			
AOI-48 (SE)	Zone2	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	9				5.00E-02	5.00E-02	1.8E+00	1.3E+04	8.6E+04			
AOI-48 (SE)	Zone2	VOC	Methylene Chloride	75-09-2	TOTAL	B2	9				5.00E-03	5.00E-03	5.0E-03	2.2E+02	1.1E+02			
AOI-48 (SE)	Zone2	VOC	Diisopropyl ether	108-20-3	TOTAL		9				1.00E-03	1.00E-03	3.0E-02	8.0E+00				
AOI-48 (SE)	Zone2	VOC	n-Propylbenzene	103-65-1	TOTAL		9				1.00E-03	1.00E-03	8.0E-02	1.5E+01				

Table C-3b: Off-Site Borehole Water Screening Results
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Residential Drinking Water Criteria (mg/L)	Groundwater Contact Criteria (mg/L)	Site Specific Residential GW Volatilization to Indoor Air Criteria (mg/L)	Ratio of Max Detected to Residential Drinking Water Criteria	Ratio of Max Detected to Groundwater Contact Criteria	Ratio of Max Detected to Site Specific Residential GW Volatilization to Indoor Air Criteria
AOI-48 (SE)	Zone2	VOC	Styrene	100-42-5	TOTAL		9				1.00E-03	1.00E-03	1.0E-01	9.7E+00	2.0E+03			
AOI-48 (SE)	Zone2	VOC	1,1,1,2-Tetrachloroethane	630-20-6	TOTAL		9				1.00E-03	1.00E-03	7.7E-02	3.0E+01				
AOI-48 (SE)	Zone2	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	9				1.00E-03	1.00E-03	8.5E-03	4.7E+00	4.9E+00			
AOI-48 (SE)	Zone2	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	9				1.00E-03	1.00E-03	5.0E-03	1.2E+01	4.6E+00			
AOI-48 (SE)	Zone2	VOC	Tetrahydrofuran	109-99-9	TOTAL		9				1.00E-01	1.00E-01	9.5E-02	1.6E+03	2.0E+02			
AOI-48 (SE)	Zone2	VOC	Toluene	108-88-3	TOTAL	D	9				1.00E-03	1.00E-03	1.0E+00	5.3E+02	4.2E+02			
AOI-48 (SE)	Zone2	VOC	1,2,3-Trichlorobenzene	87-61-6	TOTAL		9				5.00E-03	5.00E-03						
AOI-48 (SE)	Zone2	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	9				5.00E-03	5.00E-03	7.0E-02	1.9E+01	7.5E+02			
AOI-48 (SE)	Zone2	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	9				1.00E-03	1.00E-03	2.0E-01	1.3E+03	1.3E+03			
AOI-48 (SE)	Zone2	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	9				1.00E-03	1.00E-03	5.0E-03	2.1E+01	7.2E+00			
AOI-48 (SE)	Zone2	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	9				1.00E-03	1.00E-03	5.0E-03	2.2E+01	1.1E+01			
AOI-48 (SE)	Zone2	VOC	Trichlorofluoromethane	75-69-4	TOTAL		9				1.00E-03	1.00E-03	2.6E+00	1.1E+03	1.9E+02			
AOI-48 (SE)	Zone2	VOC	1,2,3-Trichloropropane	96-18-4	TOTAL	B2	9				1.00E-03	1.00E-03	4.2E-02	8.4E+01	4.2E-01			
AOI-48 (SE)	Zone2	VOC	1,2,4-Trimethylbenzene	95-63-6	TOTAL		9				1.00E-03	1.00E-03	1.0E+00	5.6E+01	7.4E+00			
AOI-48 (SE)	Zone2	VOC	1,3,5-Trimethylbenzene	108-67-8	TOTAL		9				1.00E-03	1.00E-03	1.0E+00	6.1E+01	6.0E+00			
AOI-48 (SE)	Zone2	VOC	Vinyl Acetate	108-05-4	TOTAL		9				5.00E-02	5.00E-02	6.4E-01	8.0E+03	1.6E+03			
AOI-48 (SE)	Zone2	VOC	Vinyl Chloride	75-01-4	TOTAL	A	9				1.00E-03	1.00E-03	2.0E-03	1.0E+00	1.0E+00			
AOI-48 (SE)	Zone2	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	9				2.00E-03	2.00E-03	1.0E+01	1.9E+02	1.0E+02			
AOI-48 (SE)	Zone2	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	9				1.00E-03	1.00E-03	1.5E-02	4.0E-01	7.8E-01			
AOI-48 (SE)	Zone2	SVOC	Hexachloroethane	67-72-1	TOTAL	C	9				5.00E-03	5.00E-03	7.3E-03	1.9E+00	1.1E+01			
AOI-48 (SE)	Zone2	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	9				5.00E-03	5.00E-03	2.6E-01	2.5E+01	2.6E+01			
AOI-48 (SE)	Zone2	SVOC	Naphthalene	91-20-3	TOTAL	C	9				5.00E-03	5.00E-03	5.2E-01	3.1E+01	2.7E+01			

Notes:

The Screening Criteria are MDEQ Part 201 Generic Cleanup Criteria (MDEQ 2002) or site-specific industrial criteria for the indoor air pathway .

The Screening Criteria for Naphthalene was used as a surrogate for 2-Methylnaphthalene.

The Screening Criteria for Chromium VI is used as a surrogate for Chromium (total).

The concentrations for the Methylphenol (2, 3, & 4) were summed before comparing to the Screening Criteria for 4-Methylphenol.

The concentrations for all PCB isomers were summed before comparing to Polychlorinated biphenyly (PCBs) for cancer effects and Aroclor 1254 for noncancer effects.

The concentrations for the Xylene isomers (m/p and o) were summed before comparing to the Screening Criteria.

The concentrations for the 1,3-Dichloropropene isomers (cis and trans) were summed before comparing to the Screening Criteria.

The first (shallow) saturated zone beneath the Facility (depth to groundwater of 4 - 16 ft) is called "Zone 1," except in the northwest corner of the property, where "Zone 1" is absent.

In the northwest corner of the property, there is only one water-bearing zone identified, and water levels in the area are consistent with "Zone 2" (see below). In this area, the upper half of the first and only saturated zone encountered is identified as "Zone1/Zone2," and the lower half is identified as "Zone 2."

The second (deeper) saturated zone beneath the Facility (depth to groundwater of 15 - 25 ft) is called "Zone 2."

Chem Group - Chemical Group

Meas Basis - Measured Basis; T = Total, D = Dissolved

Carc Class - EPA Weight-of-Evidence Cancer Classification

A = Known Human Carcinogen-sufficient evidence of carcinogenicity in humans; B1 = Human Carcinogen-limited evidence of carcinogenicity in humans; B2 = Probable Human Carcinogen-sufficient evidence of carcinogenicity in animals with inadequate or lack of evidence in humans; C = Possible Human Carcinogen-limited evidence of carcinogenicity in animals and inadequate or lack of evidence in humans; D = Not classifiable as to human carcinogenicity; ID = Data Are Inadequate for An Assessment of Human Carcinogenic Potential

Min QL - Minimum Quantitation Limit

Max QL - Maximum Quantitation Limit

Table C-4: Summary of Products Data
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Element	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)
AOI-13	Zone1	VOC	Acetone	67-64-1	LNAPL	ID	3				1.10E-01	5.50E-01
AOI-13	Zone1	VOC	Benzene	71-43-2	LNAPL	A	3				1.60E-02	7.80E-02
AOI-13	Zone1	VOC	Bromodichloromethane	75-27-4	LNAPL	B2	3				1.90E-02	9.30E-02
AOI-13	Zone1	VOC	Bromoform	75-25-2	LNAPL	B2	3				2.50E-02	1.20E-01
AOI-13	Zone1	VOC	Bromomethane	74-83-9	LNAPL	D	3				9.50E-02	4.80E-01
AOI-13	Zone1	VOC	2-Butanone	78-93-3	LNAPL	ID	3				1.20E-01	5.90E-01
AOI-13	Zone1	VOC	Carbon Disulfide	75-15-0	LNAPL		3				1.00E-02	5.10E-02
AOI-13	Zone1	VOC	Carbon Tetrachloride	56-23-5	LNAPL	B2	3				3.20E-02	1.60E-01
AOI-13	Zone1	VOC	Chlorobenzene	108-90-7	LNAPL	D	3				1.30E-02	6.60E-02
AOI-13	Zone1	VOC	Chloroethane	75-00-3	LNAPL		3				1.10E-01	5.30E-01
AOI-13	Zone1	VOC	Chloroform	67-66-3	LNAPL	B2	3				2.70E-02	1.40E-01
AOI-13	Zone1	VOC	Chloromethane	74-87-3	LNAPL	D	3				3.20E-02	1.60E-01
AOI-13	Zone1	VOC	Cumene	98-82-8	LNAPL	D	3	2	1.80E+00	4.10E+00	1.90E-02	1.90E-02
AOI-13	Zone1	VOC	Cyclohexane	110-82-7	LNAPL	ID	3				1.40E-02	7.00E-02
AOI-13	Zone1	VOC	1,2-Dibromo-3-chloropropane	96-12-8	LNAPL	B2	3				5.20E-02	2.60E-01
AOI-13	Zone1	VOC	Dibromochloromethane	124-48-1	LNAPL	C	3				2.50E-02	1.20E-01
AOI-13	Zone1	VOC	1,2-Dibromoethane	106-93-4	LNAPL	B2	3				1.70E-02	8.60E-02
AOI-13	Zone1	VOC	1,2-Dichlorobenzene	95-50-1	LNAPL	D	3				1.60E-02	7.80E-02
AOI-13	Zone1	VOC	1,3-Dichlorobenzene	541-73-1	LNAPL	D	3				1.90E-02	9.40E-02
AOI-13	Zone1	VOC	1,4-Dichlorobenzene	106-46-7	LNAPL	C	3				1.90E-02	9.80E-02
AOI-13	Zone1	VOC	Dichlorodifluoromethane	75-71-8	LNAPL		3				5.20E-02	2.60E-01
AOI-13	Zone1	VOC	1,1-Dichloroethane	75-34-3	LNAPL	C	3				2.50E-02	1.20E-01
AOI-13	Zone1	VOC	1,2-Dichloroethane	107-06-2	LNAPL	B2	3				2.90E-02	1.50E-01
AOI-13	Zone1	VOC	1,1-Dichloroethene	75-35-4	LNAPL	C	3				1.80E-02	9.00E-02
AOI-13	Zone1	VOC	cis-1,2-Dichloroethene	156-59-2	LNAPL	D	3				1.80E-02	8.90E-02
AOI-13	Zone1	VOC	trans-1,2-Dichloroethene	156-60-5	LNAPL		3				2.30E-02	1.10E-01
AOI-13	Zone1	VOC	1,2-Dichloropropane	78-87-5	LNAPL	B2	3				2.90E-02	1.50E-01
AOI-13	Zone1	VOC	1,3-Dichloropropene (total)	542-75-6	LNAPL	B2	3				1.70E-02	8.70E-02
AOI-13	Zone1	VOC	Ethyl Benzene	100-41-4	LNAPL	D	3	1	8.30E-01	8.30E-01	1.50E-02	7.40E-02
AOI-13	Zone1	VOC	2-Hexanone	591-78-6	LNAPL		3				3.60E-02	1.80E-01
AOI-13	Zone1	VOC	Methyl Acetate	79-20-9	LNAPL		3				5.40E-02	2.70E-01
AOI-13	Zone1	VOC	Methyl tert-butyl ether	1634-04-4	LNAPL		3				1.90E-02	9.30E-02
AOI-13	Zone1	VOC	4-Methyl-2-pentanone	108-10-1	LNAPL	ID	3				5.40E-02	2.70E-01
AOI-13	Zone1	VOC	Methylcyclohexane	108-87-2	LNAPL		3	1	1.20E+01	1.20E+01	2.00E-02	8.00E-02
AOI-13	Zone1	VOC	Methylene Chloride	75-09-2	LNAPL	B2	3				3.60E-02	1.80E-01
AOI-13	Zone1	VOC	Styrene	100-42-5	LNAPL		3				1.60E-02	8.20E-02
AOI-13	Zone1	VOC	1,1,2,2-Tetrachloroethane	79-34-5	LNAPL	C	3				2.30E-02	1.10E-01
AOI-13	Zone1	VOC	Tetrachloroethene	127-18-4	LNAPL	C-B2	3				2.50E-02	1.20E-01

Table C-4: Summary of Products Data
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Element	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)
AOI-13	Zone1	VOC	Toluene	108-88-3	LNAPL	D	3	1	2.00E+00	2.00E+00	1.30E-02	6.40E-02
AOI-13	Zone1	VOC	1,2,4-Trichlorobenzene	120-82-1	LNAPL	D	3				2.50E-02	1.20E-01
AOI-13	Zone1	VOC	1,1,1-Trichloroethane	71-55-6	LNAPL	D	3				2.00E-02	1.00E-01
AOI-13	Zone1	VOC	1,1,2-Trichloroethane	79-00-5	LNAPL	C	3				1.80E-02	9.00E-02
AOI-13	Zone1	VOC	Trichloroethene	79-01-6	LNAPL	C-B2	3				2.00E-02	9.90E-02
AOI-13	Zone1	VOC	Trichlorofluoromethane	75-69-4	LNAPL		3				2.00E-02	1.00E-01
AOI-13	Zone1	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	LNAPL		3				6.60E-02	3.30E-01
AOI-13	Zone1	VOC	Vinyl Chloride	75-01-4	LNAPL	A	3				4.10E-02	2.00E-01
AOI-13	Zone1	VOC	Xylenes (total)	1330-20-7	LNAPL	ID	3	1	1.10E+01	1.10E+01	1.10E-01	5.60E-01
AOI-13	Zone1	SVOC	Acenaphthene	83-32-9	LNAPL		3				2.80E-01	7.00E-01
AOI-13	Zone1	SVOC	Acenaphthylene	208-96-8	LNAPL	D	3				3.80E-01	9.50E-01
AOI-13	Zone1	SVOC	Acetophenone	98-86-2	LNAPL	D	3				4.00E-01	1.00E+00
AOI-13	Zone1	SVOC	Anthracene	120-12-7	LNAPL	D	3				3.40E-01	8.50E-01
AOI-13	Zone1	SVOC	Atrazine	1912-24-9	LNAPL		3				4.40E-01	1.10E+00
AOI-13	Zone1	SVOC	Benzaldehyde	100-52-7	LNAPL		3				2.80E-01	7.00E-01
AOI-13	Zone1	SVOC	Benzo(a)anthracene	56-55-3	LNAPL	B2	3				4.60E-01	1.20E+00
AOI-13	Zone1	SVOC	Benzo(a)pyrene	50-32-8	LNAPL	B2	3				3.00E-01	7.50E-01
AOI-13	Zone1	SVOC	Benzo(b)fluoranthene	205-99-2	LNAPL	B2	3				4.00E-01	1.00E+00
AOI-13	Zone1	SVOC	Benzo(g,h,i)perylene	191-24-2	LNAPL	D	3				3.20E-01	8.00E-01
AOI-13	Zone1	SVOC	Benzo(k)fluoranthene	207-08-9	LNAPL	B2	3				3.20E-01	8.00E-01
AOI-13	Zone1	SVOC	Biphenyl	92-52-4	LNAPL	D	3				3.60E-01	9.00E-01
AOI-13	Zone1	SVOC	bis(2-Chloroethoxy)methane	111-91-1	LNAPL	D	3				5.20E-01	1.30E+00
AOI-13	Zone1	SVOC	bis(2-Chloroethyl) ether	111-44-4	LNAPL	B2	3				3.60E-01	9.00E-01
AOI-13	Zone1	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	LNAPL	B2	3				2.60E-01	6.50E-01
AOI-13	Zone1	SVOC	4-Bromophenyl-phenyl ether	101-55-3	LNAPL	D	3				3.00E-01	7.50E-01
AOI-13	Zone1	SVOC	Butylbenzylphthalate	85-68-7	LNAPL	C	3				4.20E-01	1.00E+00
AOI-13	Zone1	SVOC	Caprolactam	105-60-2	LNAPL		3				5.60E-01	1.40E+00
AOI-13	Zone1	SVOC	Carbazole	86-74-8	LNAPL	B2	3				3.80E-01	9.50E-01
AOI-13	Zone1	SVOC	4-Chloro-3-methylphenol	59-50-7	LNAPL		3				3.80E-01	9.50E-01
AOI-13	Zone1	SVOC	4-Chloroaniline	106-47-8	LNAPL		3				4.00E-01	1.00E+00
AOI-13	Zone1	SVOC	2-Chloronaphthalene	91-58-7	LNAPL		3				3.40E-01	8.50E-01
AOI-13	Zone1	SVOC	2-Chlorophenol	95-57-8	LNAPL		3				3.60E-01	9.00E-01
AOI-13	Zone1	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3	LNAPL		3				3.40E-01	8.50E-01
AOI-13	Zone1	SVOC	Chrysene	218-01-9	LNAPL	B2	3				4.40E-01	1.10E+00
AOI-13	Zone1	SVOC	Dibenz(a,h)anthracene	53-70-3	LNAPL	B2	3				3.60E-01	9.00E-01
AOI-13	Zone1	SVOC	Dibenzofuran	132-64-9	LNAPL	D	3				3.40E-01	8.50E-01
AOI-13	Zone1	SVOC	3,3'-Dichlorobenzidine	91-94-1	LNAPL	B2	3				3.60E-01	9.00E-01
AOI-13	Zone1	SVOC	2,4-Dichlorophenol	120-83-2	LNAPL		3				3.20E-01	8.00E-01

Table C-4: Summary of Products Data
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Element	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)
AOI-13	Zone1	SVOC	Diethylphthalate	84-66-2	LNAPL	D	3				3.80E-01	9.50E-01
AOI-13	Zone1	SVOC	2,4-Dimethylphenol	105-67-9	LNAPL		3				3.60E-01	9.00E-01
AOI-13	Zone1	SVOC	Dimethylphthalate	131-11-3	LNAPL	D	3				3.40E-01	8.50E-01
AOI-13	Zone1	SVOC	Di-n-butylphthalate	84-74-2	LNAPL	D	3				4.60E-01	1.20E+00
AOI-13	Zone1	SVOC	4,6-Dinitro-2-methylphenol	534-52-1	LNAPL		3				9.60E-01	2.40E+00
AOI-13	Zone1	SVOC	2,4-Dinitrophenol	51-28-5	LNAPL		3				9.40E-01	2.40E+00
AOI-13	Zone1	SVOC	2,4-Dinitrotoluene	121-14-2	LNAPL	B2	3				4.40E-01	1.10E+00
AOI-13	Zone1	SVOC	2,6-Dinitrotoluene	606-20-2	LNAPL	B2	3				3.00E-01	7.50E-01
AOI-13	Zone1	SVOC	Di-n-octylphthalate	117-84-0	LNAPL		3				1.30E+00	3.20E+00
AOI-13	Zone1	SVOC	Fluoranthene	206-44-0	LNAPL	D	3				3.20E-01	8.00E-01
AOI-13	Zone1	SVOC	Fluorene	86-73-7	LNAPL	D	3				3.00E-01	7.50E-01
AOI-13	Zone1	SVOC	Hexachlorobenzene	118-74-1	LNAPL	B2	3				4.40E-01	1.10E+00
AOI-13	Zone1	SVOC	Hexachlorobutadiene	87-68-3	LNAPL	C	3				3.20E-01	8.00E-01
AOI-13	Zone1	SVOC	Hexachlorocyclopentadiene	77-47-4	LNAPL	E	3				2.00E-01	5.00E-01
AOI-13	Zone1	SVOC	Hexachloroethane	67-72-1	LNAPL	C	3				3.40E-01	8.50E-01
AOI-13	Zone1	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	LNAPL	B2	3				3.80E-01	9.50E-01
AOI-13	Zone1	SVOC	Isophorone	78-59-1	LNAPL	C	3				4.40E-01	1.10E+00
AOI-13	Zone1	SVOC	2-Methylnaphthalene	91-57-6	LNAPL	ID	3				3.40E-01	8.50E-01
AOI-13	Zone1	SVOC	Methylphenol (total)	1319-77-3	LNAPL		3				4.20E-01	1.00E+00
AOI-13	Zone1	SVOC	Naphthalene	91-20-3	LNAPL	C	3				3.40E-01	8.50E-01
AOI-13	Zone1	SVOC	2-Nitroaniline	88-74-4	LNAPL		3				2.60E-01	6.50E-01
AOI-13	Zone1	SVOC	3-Nitroaniline	99-09-2	LNAPL	C	3				4.40E-01	1.10E+00
AOI-13	Zone1	SVOC	4-Nitroaniline	100-01-6	LNAPL	C	3				3.40E-01	8.50E-01
AOI-13	Zone1	SVOC	Nitrobenzene	98-95-3	LNAPL	D	3				4.80E-01	1.20E+00
AOI-13	Zone1	SVOC	2-Nitrophenol	88-75-5	LNAPL		3				4.20E-01	1.00E+00
AOI-13	Zone1	SVOC	4-Nitrophenol	100-02-7	LNAPL		3				1.10E+00	2.60E+00
AOI-13	Zone1	SVOC	N-Nitrosodiphenylamine	86-30-6	LNAPL	B2	3				3.80E-01	9.50E-01
AOI-13	Zone1	SVOC	N-Nitroso-di-n-propylamine	621-64-7	LNAPL	B2	3				3.00E-01	7.50E-01
AOI-13	Zone1	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	LNAPL	C	3				5.40E-01	1.40E+00
AOI-13	Zone1	SVOC	Pentachlorophenol	87-86-5	LNAPL	B2	3				1.20E+00	3.00E+00
AOI-13	Zone1	SVOC	Phenanthrene	85-01-8	LNAPL	D	3	1	4.80E+01	4.80E+01	4.20E-01	1.00E+00
AOI-13	Zone1	SVOC	Phenol	108-95-2	LNAPL	ID	3				3.60E-01	9.00E-01
AOI-13	Zone1	SVOC	Pyrene	129-00-0	LNAPL	D	3				4.20E-01	1.00E+00
AOI-13	Zone1	SVOC	2,4,5-Trichlorophenol	95-95-4	LNAPL		3				3.00E-01	7.50E-01
AOI-13	Zone1	SVOC	2,4,6-Trichlorophenol	88-06-2	LNAPL	B2	3				3.80E-01	9.50E-01
AOI-13	Zone1	P/PCB	PCBs (total)	1336-36-3	LNAPL	B2	3				4.40E-02	4.40E-02
AOI-22	Zone1	VOC	Acetone	67-64-1	LNAPL	ID	1	1	6.60E+00	6.60E+00		
AOI-22	Zone1	VOC	Benzene	71-43-2	LNAPL	A	1				3.30E-02	3.30E-02

Table C-4: Summary of Products Data
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Element	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)
AOI-22	Zone1	VOC	Bromodichloromethane	75-27-4	LNAPL	B2	1				3.10E-02	3.10E-02
AOI-22	Zone1	VOC	Bromoform	75-25-2	LNAPL	B2	1				2.90E-02	2.90E-02
AOI-22	Zone1	VOC	Bromomethane	74-83-9	LNAPL	D	1				9.80E-02	9.80E-02
AOI-22	Zone1	VOC	2-Butanone	78-93-3	LNAPL	ID	1				2.20E-01	2.20E-01
AOI-22	Zone1	VOC	Carbon Disulfide	75-15-0	LNAPL		1				4.00E-02	4.00E-02
AOI-22	Zone1	VOC	Carbon Tetrachloride	56-23-5	LNAPL	B2	1				4.20E-02	4.20E-02
AOI-22	Zone1	VOC	Chlorobenzene	108-90-7	LNAPL	D	1				3.10E-02	3.10E-02
AOI-22	Zone1	VOC	Chloroethane	75-00-3	LNAPL		1				8.90E-02	8.90E-02
AOI-22	Zone1	VOC	Chloroform	67-66-3	LNAPL	B2	1				3.10E-02	3.10E-02
AOI-22	Zone1	VOC	Chloromethane	74-87-3	LNAPL	D	1				6.40E-02	6.40E-02
AOI-22	Zone1	VOC	Cumene	98-82-8	LNAPL	D	1				4.20E-02	4.20E-02
AOI-22	Zone1	VOC	Cyclohexane	110-82-7	LNAPL	ID	1				4.70E-02	4.70E-02
AOI-22	Zone1	VOC	1,2-Dibromo-3-chloropropane	96-12-8	LNAPL	B2	1				6.00E-02	6.00E-02
AOI-22	Zone1	VOC	Dibromochloromethane	124-48-1	LNAPL	C	1				2.10E-02	2.10E-02
AOI-22	Zone1	VOC	1,2-Dibromoethane	106-93-4	LNAPL	B2	1				3.60E-02	3.60E-02
AOI-22	Zone1	VOC	1,2-Dichlorobenzene	95-50-1	LNAPL	D	1				3.10E-02	3.10E-02
AOI-22	Zone1	VOC	1,3-Dichlorobenzene	541-73-1	LNAPL	D	1				3.10E-02	3.10E-02
AOI-22	Zone1	VOC	1,4-Dichlorobenzene	106-46-7	LNAPL	C	1				3.10E-02	3.10E-02
AOI-22	Zone1	VOC	Dichlorodifluoromethane	75-71-8	LNAPL		1				7.80E-02	7.80E-02
AOI-22	Zone1	VOC	1,1-Dichloroethane	75-34-3	LNAPL	C	1				3.80E-02	3.80E-02
AOI-22	Zone1	VOC	1,2-Dichloroethane	107-06-2	LNAPL	B2	1				2.20E-02	2.20E-02
AOI-22	Zone1	VOC	1,1-Dichloroethene	75-35-4	LNAPL	C	1				5.30E-02	5.30E-02
AOI-22	Zone1	VOC	cis-1,2-Dichloroethene	156-59-2	LNAPL	D	1				4.00E-02	4.00E-02
AOI-22	Zone1	VOC	trans-1,2-Dichloroethene	156-60-5	LNAPL		1				5.60E-02	5.60E-02
AOI-22	Zone1	VOC	1,2-Dichloropropane	78-87-5	LNAPL	B2	1				3.30E-02	3.30E-02
AOI-22	Zone1	VOC	1,3-Dichloropropene (total)	542-75-6	LNAPL	B2	1				2.90E-02	2.90E-02
AOI-22	Zone1	VOC	Ethyl Benzene	100-41-4	LNAPL	D	1				2.90E-02	2.90E-02
AOI-22	Zone1	VOC	2-Hexanone	591-78-6	LNAPL		1				1.60E-01	1.60E-01
AOI-22	Zone1	VOC	Methyl Acetate	79-20-9	LNAPL		1				1.30E-01	1.30E-01
AOI-22	Zone1	VOC	Methyl tert-butyl ether	1634-04-4	LNAPL		1				3.80E-02	3.80E-02
AOI-22	Zone1	VOC	4-Methyl-2-pentanone	108-10-1	LNAPL	ID	1				1.10E-01	1.10E-01
AOI-22	Zone1	VOC	Methylcyclohexane	108-87-2	LNAPL		1				2.00E-02	2.00E-02
AOI-22	Zone1	VOC	Methylene Chloride	75-09-2	LNAPL	B2	1				1.20E-01	1.20E-01
AOI-22	Zone1	VOC	Styrene	100-42-5	LNAPL		1				2.90E-02	2.90E-02
AOI-22	Zone1	VOC	1,1,2,2-Tetrachloroethane	79-34-5	LNAPL	C	1				3.10E-02	3.10E-02
AOI-22	Zone1	VOC	Tetrachloroethene	127-18-4	LNAPL	C-B2	1				3.30E-02	3.30E-02
AOI-22	Zone1	VOC	Toluene	108-88-3	LNAPL	D	1				2.70E-02	2.70E-02
AOI-22	Zone1	VOC	1,2,4-Trichlorobenzene	120-82-1	LNAPL	D	1				4.20E-02	4.20E-02

Table C-4: Summary of Products Data
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Element	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)
AOI-22	Zone1	VOC	1,1,1-Trichloroethane	71-55-6	LNAPL	D	1				3.30E-02	3.30E-02
AOI-22	Zone1	VOC	1,1,2-Trichloroethane	79-00-5	LNAPL	C	1				4.40E-02	4.40E-02
AOI-22	Zone1	VOC	Trichloroethene	79-01-6	LNAPL	C-B2	1	1	4.90E-01	4.90E-01		
AOI-22	Zone1	VOC	Trichlorofluoromethane	75-69-4	LNAPL		1				6.40E-02	6.40E-02
AOI-22	Zone1	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	LNAPL		1				1.10E-01	1.10E-01
AOI-22	Zone1	VOC	Vinyl Chloride	75-01-4	LNAPL	A	1				7.10E-02	7.10E-02
AOI-22	Zone1	VOC	Xylenes (total)	1330-20-7	LNAPL	ID	1				9.30E-02	9.30E-02
AOI-22	Zone1	SVOC	Acenaphthene	83-32-9	LNAPL		1				5.70E+01	5.70E+01
AOI-22	Zone1	SVOC	Acenaphthylene	208-96-8	LNAPL	D	1				5.70E+01	5.70E+01
AOI-22	Zone1	SVOC	Acetophenone	98-86-2	LNAPL	D	1				5.40E+01	5.40E+01
AOI-22	Zone1	SVOC	Anthracene	120-12-7	LNAPL	D	1				5.40E+01	5.40E+01
AOI-22	Zone1	SVOC	Atrazine	1912-24-9	LNAPL		1				5.40E+01	5.40E+01
AOI-22	Zone1	SVOC	Benzaldehyde	100-52-7	LNAPL		1				6.30E+01	6.30E+01
AOI-22	Zone1	SVOC	Benzo(a)anthracene	56-55-3	LNAPL	B2	1				5.10E+01	5.10E+01
AOI-22	Zone1	SVOC	Benzo(a)pyrene	50-32-8	LNAPL	B2	1				5.40E+01	5.40E+01
AOI-22	Zone1	SVOC	Benzo(b)fluoranthene	205-99-2	LNAPL	B2	1				6.00E+01	6.00E+01
AOI-22	Zone1	SVOC	Benzo(g,h,i)perylene	191-24-2	LNAPL	D	1				6.60E+01	6.60E+01
AOI-22	Zone1	SVOC	Benzo(k)fluoranthene	207-08-9	LNAPL	B2	1				5.40E+01	5.40E+01
AOI-22	Zone1	SVOC	Biphenyl	92-52-4	LNAPL	D	1				6.30E+01	6.30E+01
AOI-22	Zone1	SVOC	bis(2-Chloroethoxy)methane	111-91-1	LNAPL	D	1				5.10E+01	5.10E+01
AOI-22	Zone1	SVOC	bis(2-Chloroethyl) ether	111-44-4	LNAPL	B2	1				5.40E+01	5.40E+01
AOI-22	Zone1	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	LNAPL	B2	1	1	1.60E+02	1.60E+02		
AOI-22	Zone1	SVOC	4-Bromophenyl-phenyl ether	101-55-3	LNAPL	D	1				5.70E+01	5.70E+01
AOI-22	Zone1	SVOC	Butylbenzylphthalate	85-68-7	LNAPL	C	1				5.10E+01	5.10E+01
AOI-22	Zone1	SVOC	Caprolactam	105-60-2	LNAPL		1				6.30E+01	6.30E+01
AOI-22	Zone1	SVOC	Carbazole	86-74-8	LNAPL	B2	1				6.60E+01	6.60E+01
AOI-22	Zone1	SVOC	4-Chloro-3-methylphenol	59-50-7	LNAPL		1				5.40E+01	5.40E+01
AOI-22	Zone1	SVOC	4-Chloroaniline	106-47-8	LNAPL		1				1.80E+01	1.80E+01
AOI-22	Zone1	SVOC	2-Chloronaphthalene	91-58-7	LNAPL		1				5.70E+01	5.70E+01
AOI-22	Zone1	SVOC	2-Chlorophenol	95-57-8	LNAPL		1				5.40E+01	5.40E+01
AOI-22	Zone1	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3	LNAPL		1				5.70E+01	5.70E+01
AOI-22	Zone1	SVOC	Chrysene	218-01-9	LNAPL	B2	1				5.10E+01	5.10E+01
AOI-22	Zone1	SVOC	Dibenz(a,h)anthracene	53-70-3	LNAPL	B2	1				6.30E+01	6.30E+01
AOI-22	Zone1	SVOC	Dibenzofuran	132-64-9	LNAPL	D	1				5.70E+01	5.70E+01
AOI-22	Zone1	SVOC	3,3'-Dichlorobenzidine	91-94-1	LNAPL	B2	1				2.80E+01	2.80E+01
AOI-22	Zone1	SVOC	2,4-Dichlorophenol	120-83-2	LNAPL		1				4.80E+01	4.80E+01
AOI-22	Zone1	SVOC	Diethylphthalate	84-66-2	LNAPL	D	1				6.00E+01	6.00E+01
AOI-22	Zone1	SVOC	2,4-Dimethylphenol	105-67-9	LNAPL		1				9.60E+01	9.60E+01

Table C-4: Summary of Products Data
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Element	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)
AOI-22	Zone1	SVOC	Dimethylphthalate	131-11-3	LNAPL	D	1				5.70E+01	5.70E+01
AOI-22	Zone1	SVOC	Di-n-butylphthalate	84-74-2	LNAPL	D	1				6.90E+01	6.90E+01
AOI-22	Zone1	SVOC	4,6-Dinitro-2-methylphenol	534-52-1	LNAPL		1				2.20E+02	2.20E+02
AOI-22	Zone1	SVOC	2,4-Dinitrophenol	51-28-5	LNAPL		1				3.00E+02	3.00E+02
AOI-22	Zone1	SVOC	2,4-Dinitrotoluene	121-14-2	LNAPL	B2	1				5.40E+01	5.40E+01
AOI-22	Zone1	SVOC	2,6-Dinitrotoluene	606-20-2	LNAPL	B2	1				5.40E+01	5.40E+01
AOI-22	Zone1	SVOC	Di-n-octylphthalate	117-84-0	LNAPL		1				5.40E+01	5.40E+01
AOI-22	Zone1	SVOC	Fluoranthene	206-44-0	LNAPL	D	1				6.90E+01	6.90E+01
AOI-22	Zone1	SVOC	Fluorene	86-73-7	LNAPL	D	1				6.00E+01	6.00E+01
AOI-22	Zone1	SVOC	Hexachlorobenzene	118-74-1	LNAPL	B2	1				5.40E+01	5.40E+01
AOI-22	Zone1	SVOC	Hexachlorobutadiene	87-68-3	LNAPL	C	1				5.10E+01	5.10E+01
AOI-22	Zone1	SVOC	Hexachlorocyclopentadiene	77-47-4	LNAPL	E	1				4.50E+01	4.50E+01
AOI-22	Zone1	SVOC	Hexachloroethane	67-72-1	LNAPL	C	1				5.40E+01	5.40E+01
AOI-22	Zone1	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	LNAPL	B2	1				6.00E+01	6.00E+01
AOI-22	Zone1	SVOC	Isophorone	78-59-1	LNAPL	C	1				5.70E+01	5.70E+01
AOI-22	Zone1	SVOC	2-Methylnaphthalene	91-57-6	LNAPL	ID	1				5.40E+01	5.40E+01
AOI-22	Zone1	SVOC	Methylphenol (total)	1319-77-3	LNAPL		1				4.50E+01	4.50E+01
AOI-22	Zone1	SVOC	Naphthalene	91-20-3	LNAPL	C	1				5.70E+01	5.70E+01
AOI-22	Zone1	SVOC	2-Nitroaniline	88-74-4	LNAPL		1				5.70E+01	5.70E+01
AOI-22	Zone1	SVOC	3-Nitroaniline	99-09-2	LNAPL	C	1				3.60E+01	3.60E+01
AOI-22	Zone1	SVOC	4-Nitroaniline	100-01-6	LNAPL	C	1				5.40E+01	5.40E+01
AOI-22	Zone1	SVOC	Nitrobenzene	98-95-3	LNAPL	D	1				5.40E+01	5.40E+01
AOI-22	Zone1	SVOC	2-Nitrophenol	88-75-5	LNAPL		1				4.80E+01	4.80E+01
AOI-22	Zone1	SVOC	4-Nitrophenol	100-02-7	LNAPL		1				3.30E+02	3.30E+02
AOI-22	Zone1	SVOC	N-Nitrosodiphenylamine	86-30-6	LNAPL	B2	1				6.00E+01	6.00E+01
AOI-22	Zone1	SVOC	N-Nitroso-di-n-propylamine	621-64-7	LNAPL	B2	1				5.70E+01	5.70E+01
AOI-22	Zone1	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	LNAPL	C	1				5.70E+01	5.70E+01
AOI-22	Zone1	SVOC	Pentachlorophenol	87-86-5	LNAPL	B2	1				2.60E+02	2.60E+02
AOI-22	Zone1	SVOC	Phenanthrene	85-01-8	LNAPL	D	1				6.00E+01	6.00E+01
AOI-22	Zone1	SVOC	Phenol	108-95-2	LNAPL	ID	1				5.40E+01	5.40E+01
AOI-22	Zone1	SVOC	Pyrene	129-00-0	LNAPL	D	1				5.10E+01	5.10E+01
AOI-22	Zone1	SVOC	2,4,5-Trichlorophenol	95-95-4	LNAPL		1				6.30E+01	6.30E+01
AOI-22	Zone1	SVOC	2,4,6-Trichlorophenol	88-06-2	LNAPL	B2	1				5.10E+01	5.10E+01
AOI-22	Zone1	P/PCB	PCBs (total)	1336-36-3	LNAPL	B2	1				2.20E-02	2.20E-02
AOI-48 (NW)	Zone2	VOC	Acetone	67-64-1	DNAPL	ID	1				5.30E+03	5.30E+03
AOI-48 (NW)	Zone2	VOC	Benzene	71-43-2	DNAPL	A	1				5.00E+02	5.00E+02
AOI-48 (NW)	Zone2	VOC	Bromodichloromethane	75-27-4	DNAPL	B2	1				4.70E+02	4.70E+02
AOI-48 (NW)	Zone2	VOC	Bromoform	75-25-2	DNAPL	B2	1				4.30E+02	4.30E+02

Table C-4: Summary of Products Data
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Element	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)
AOI-48 (NW)	Zone2	VOC	Bromomethane	74-83-9	DNAPL	D	1				1.50E+03	1.50E+03
AOI-48 (NW)	Zone2	VOC	2-Butanone	78-93-3	DNAPL	ID	1				3.30E+03	3.30E+03
AOI-48 (NW)	Zone2	VOC	Carbon Disulfide	75-15-0	DNAPL		1				6.00E+02	6.00E+02
AOI-48 (NW)	Zone2	VOC	Carbon Tetrachloride	56-23-5	DNAPL	B2	1				6.30E+02	6.30E+02
AOI-48 (NW)	Zone2	VOC	Chlorobenzene	108-90-7	DNAPL	D	1				4.70E+02	4.70E+02
AOI-48 (NW)	Zone2	VOC	Chloroethane	75-00-3	DNAPL		1				1.30E+03	1.30E+03
AOI-48 (NW)	Zone2	VOC	Chloroform	67-66-3	DNAPL	B2	1				4.70E+02	4.70E+02
AOI-48 (NW)	Zone2	VOC	Chloromethane	74-87-3	DNAPL	D	1				9.70E+02	9.70E+02
AOI-48 (NW)	Zone2	VOC	Cumene	98-82-8	DNAPL	D	1				6.30E+02	6.30E+02
AOI-48 (NW)	Zone2	VOC	Cyclohexane	110-82-7	DNAPL	ID	1				7.00E+02	7.00E+02
AOI-48 (NW)	Zone2	VOC	1,2-Dibromo-3-chloropropane	96-12-8	DNAPL	B2	1				9.00E+02	9.00E+02
AOI-48 (NW)	Zone2	VOC	Dibromochloromethane	124-48-1	DNAPL	C	1				3.20E+02	3.20E+02
AOI-48 (NW)	Zone2	VOC	1,2-Dibromoethane	106-93-4	DNAPL	B2	1				5.30E+02	5.30E+02
AOI-48 (NW)	Zone2	VOC	1,2-Dichlorobenzene	95-50-1	DNAPL	D	1				4.70E+02	4.70E+02
AOI-48 (NW)	Zone2	VOC	1,3-Dichlorobenzene	541-73-1	DNAPL	D	1				4.70E+02	4.70E+02
AOI-48 (NW)	Zone2	VOC	1,4-Dichlorobenzene	106-46-7	DNAPL	C	1				4.70E+02	4.70E+02
AOI-48 (NW)	Zone2	VOC	Dichlorodifluoromethane	75-71-8	DNAPL		1				1.20E+03	1.20E+03
AOI-48 (NW)	Zone2	VOC	1,1-Dichloroethane	75-34-3	DNAPL	C	1				5.70E+02	5.70E+02
AOI-48 (NW)	Zone2	VOC	1,2-Dichloroethane	107-06-2	DNAPL	B2	1				3.30E+02	3.30E+02
AOI-48 (NW)	Zone2	VOC	1,1-Dichloroethene	75-35-4	DNAPL	C	1				8.00E+02	8.00E+02
AOI-48 (NW)	Zone2	VOC	cis-1,2-Dichloroethene	156-59-2	DNAPL	D	1				6.00E+02	6.00E+02
AOI-48 (NW)	Zone2	VOC	trans-1,2-Dichloroethene	156-60-5	DNAPL		1				8.30E+02	8.30E+02
AOI-48 (NW)	Zone2	VOC	1,2-Dichloropropane	78-87-5	DNAPL	B2	1				5.00E+02	5.00E+02
AOI-48 (NW)	Zone2	VOC	1,3-Dichloropropene (total)	542-75-6	DNAPL	B2	1				4.30E+02	4.30E+02
AOI-48 (NW)	Zone2	VOC	Ethyl Benzene	100-41-4	DNAPL	D	1				4.30E+02	4.30E+02
AOI-48 (NW)	Zone2	VOC	2-Hexanone	591-78-6	DNAPL		1				2.50E+03	2.50E+03
AOI-48 (NW)	Zone2	VOC	Methyl Acetate	79-20-9	DNAPL		1				2.00E+03	2.00E+03
AOI-48 (NW)	Zone2	VOC	Methyl tert-butyl ether	1634-04-4	DNAPL		1				5.70E+02	5.70E+02
AOI-48 (NW)	Zone2	VOC	4-Methyl-2-pentanone	108-10-1	DNAPL	ID	1				1.60E+03	1.60E+03
AOI-48 (NW)	Zone2	VOC	Methylcyclohexane	108-87-2	DNAPL		1				3.00E+02	3.00E+02
AOI-48 (NW)	Zone2	VOC	Methylene Chloride	75-09-2	DNAPL	B2	1				1.80E+03	1.80E+03
AOI-48 (NW)	Zone2	VOC	Styrene	100-42-5	DNAPL		1				4.30E+02	4.30E+02
AOI-48 (NW)	Zone2	VOC	1,1,2,2-Tetrachloroethane	79-34-5	DNAPL	C	1				4.70E+02	4.70E+02
AOI-48 (NW)	Zone2	VOC	Tetrachloroethene	127-18-4	DNAPL	C-B2	1				5.00E+02	5.00E+02
AOI-48 (NW)	Zone2	VOC	Toluene	108-88-3	DNAPL	D	1				4.00E+02	4.00E+02
AOI-48 (NW)	Zone2	VOC	1,2,4-Trichlorobenzene	120-82-1	DNAPL	D	1				6.30E+02	6.30E+02
AOI-48 (NW)	Zone2	VOC	1,1,1-Trichloroethane	71-55-6	DNAPL	D	1				5.00E+02	5.00E+02
AOI-48 (NW)	Zone2	VOC	1,1,2-Trichloroethane	79-00-5	DNAPL	C	1				6.70E+02	6.70E+02

Table C-4: Summary of Products Data
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Element	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)
AOI-48 (NW)	Zone2	VOC	Trichloroethene	79-01-6	DNAPL	C-B2	1	1	5.20E+05	5.20E+05		
AOI-48 (NW)	Zone2	VOC	Trichlorofluoromethane	75-69-4	DNAPL		1				9.70E+02	9.70E+02
AOI-48 (NW)	Zone2	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	DNAPL		1				1.60E+03	1.60E+03
AOI-48 (NW)	Zone2	VOC	Vinyl Chloride	75-01-4	DNAPL	A	1				1.10E+03	1.10E+03
AOI-48 (NW)	Zone2	VOC	Xylenes (total)	1330-20-7	DNAPL	ID	1				1.40E+03	1.40E+03
AOI-50	Zone1	VOC	Acetone	67-64-1	LNAPL	ID	1				4.30E-01	4.30E-01
AOI-50	Zone1	VOC	Benzene	71-43-2	LNAPL	A	1	1	2.30E-01	2.30E-01		
AOI-50	Zone1	VOC	Bromodichloromethane	75-27-4	LNAPL	B2	1				5.60E-02	5.60E-02
AOI-50	Zone1	VOC	Bromoform	75-25-2	LNAPL	B2	1				9.20E-02	9.20E-02
AOI-50	Zone1	VOC	Bromomethane	74-83-9	LNAPL	D	1				1.40E-01	1.40E-01
AOI-50	Zone1	VOC	2-Butanone	78-93-3	LNAPL	ID	1				4.50E-01	4.50E-01
AOI-50	Zone1	VOC	Carbon Disulfide	75-15-0	LNAPL		1				1.90E-01	1.90E-01
AOI-50	Zone1	VOC	Carbon Tetrachloride	56-23-5	LNAPL	B2	1				5.60E-02	5.60E-02
AOI-50	Zone1	VOC	Chlorobenzene	108-90-7	LNAPL	D	1				4.50E-02	4.50E-02
AOI-50	Zone1	VOC	Chloroethane	75-00-3	LNAPL		1	1	3.20E-01	3.20E-01		
AOI-50	Zone1	VOC	Chloroform	67-66-3	LNAPL	B2	1	1	9.00E-01	9.00E-01		
AOI-50	Zone1	VOC	Chloromethane	74-87-3	LNAPL	D	1				8.60E-02	8.60E-02
AOI-50	Zone1	VOC	Cumene	98-82-8	LNAPL	D	1	1	5.80E-01	5.80E-01		
AOI-50	Zone1	VOC	Cyclohexane	110-82-7	LNAPL	ID	1	1	5.20E-01	5.20E-01		
AOI-50	Zone1	VOC	1,2-Dibromo-3-chloropropane	96-12-8	LNAPL	B2	1				4.50E-01	4.50E-01
AOI-50	Zone1	VOC	Dibromochloromethane	124-48-1	LNAPL	C	1				7.00E-02	7.00E-02
AOI-50	Zone1	VOC	1,2-Dibromoethane	106-93-4	LNAPL	B2	1				1.10E-01	1.10E-01
AOI-50	Zone1	VOC	1,2-Dichlorobenzene	95-50-1	LNAPL	D	1	1	1.90E-01	1.90E-01		
AOI-50	Zone1	VOC	1,3-Dichlorobenzene	541-73-1	LNAPL	D	1				5.40E-02	5.40E-02
AOI-50	Zone1	VOC	1,4-Dichlorobenzene	106-46-7	LNAPL	C	1				9.20E-02	9.20E-02
AOI-50	Zone1	VOC	Dichlorodifluoromethane	75-71-8	LNAPL		1				2.20E-01	2.20E-01
AOI-50	Zone1	VOC	1,1-Dichloroethane	75-34-3	LNAPL	C	1	1	7.60E-01	7.60E-01		
AOI-50	Zone1	VOC	1,2-Dichloroethane	107-06-2	LNAPL	B2	1				6.10E-02	6.10E-02
AOI-50	Zone1	VOC	1,1-Dichloroethene	75-35-4	LNAPL	C	1	1	6.00E-01	6.00E-01		
AOI-50	Zone1	VOC	cis-1,2-Dichloroethene	156-59-2	LNAPL	D	1	1	9.90E+00	9.90E+00		
AOI-50	Zone1	VOC	trans-1,2-Dichloroethene	156-60-5	LNAPL		1	1	8.00E-01	8.00E-01		
AOI-50	Zone1	VOC	1,2-Dichloropropane	78-87-5	LNAPL	B2	1				5.20E-02	5.20E-02
AOI-50	Zone1	VOC	1,3-Dichloropropene (total)	542-75-6	LNAPL	B2	1				6.50E-02	6.50E-02
AOI-50	Zone1	VOC	Ethyl Benzene	100-41-4	LNAPL	D	1	1	5.40E-01	5.40E-01		
AOI-50	Zone1	VOC	2-Hexanone	591-78-6	LNAPL		1				1.70E-01	1.70E-01
AOI-50	Zone1	VOC	Methyl Acetate	79-20-9	LNAPL		1				2.70E+00	2.70E+00
AOI-50	Zone1	VOC	Methyl tert-butyl ether	1634-04-4	LNAPL		1				6.30E-02	6.30E-02
AOI-50	Zone1	VOC	4-Methyl-2-pentanone	108-10-1	LNAPL	ID	1				1.60E-01	1.60E-01

Table C-4: Summary of Products Data
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Element	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)
AOI-50	Zone1	VOC	Methylcyclohexane	108-87-2	LNAPL		1	1	7.30E-01	7.30E-01		
AOI-50	Zone1	VOC	Methylene Chloride	75-09-2	LNAPL	B2	1				2.20E-01	2.20E-01
AOI-50	Zone1	VOC	Styrene	100-42-5	LNAPL		1				9.40E-02	9.40E-02
AOI-50	Zone1	VOC	1,1,2,2-Tetrachloroethane	79-34-5	LNAPL	C	1				6.10E-02	6.10E-02
AOI-50	Zone1	VOC	Tetrachloroethene	127-18-4	LNAPL	C-B2	1				8.30E-02	8.30E-02
AOI-50	Zone1	VOC	Toluene	108-88-3	LNAPL	D	1	1	4.80E-01	4.80E-01		
AOI-50	Zone1	VOC	1,2,4-Trichlorobenzene	120-82-1	LNAPL	D	1				6.30E-02	6.30E-02
AOI-50	Zone1	VOC	1,1,1-Trichloroethane	71-55-6	LNAPL	D	1				5.60E-02	5.60E-02
AOI-50	Zone1	VOC	1,1,2-Trichloroethane	79-00-5	LNAPL	C	1				9.20E-02	9.20E-02
AOI-50	Zone1	VOC	Trichloroethene	79-01-6	LNAPL	C-B2	1	1	3.40E+00	3.40E+00		
AOI-50	Zone1	VOC	Trichlorofluoromethane	75-69-4	LNAPL		1				1.10E-01	1.10E-01
AOI-50	Zone1	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	LNAPL		1				2.10E-01	2.10E-01
AOI-50	Zone1	VOC	Vinyl Chloride	75-01-4	LNAPL	A	1	1	8.30E-02	8.30E-02		
AOI-50	Zone1	VOC	Xylenes (total)	1330-20-7	LNAPL	ID	1	1	2.40E+00	2.40E+00		
AOI-50	Zone1	SVOC	Acenaphthene	83-32-9	LNAPL		1				2.80E-01	2.80E-01
AOI-50	Zone1	SVOC	Acenaphthylene	208-96-8	LNAPL	D	1				3.80E-01	3.80E-01
AOI-50	Zone1	SVOC	Acetophenone	98-86-2	LNAPL	D	1				4.00E-01	4.00E-01
AOI-50	Zone1	SVOC	Anthracene	120-12-7	LNAPL	D	1				3.40E-01	3.40E-01
AOI-50	Zone1	SVOC	Atrazine	1912-24-9	LNAPL		1				4.40E-01	4.40E-01
AOI-50	Zone1	SVOC	Benzaldehyde	100-52-7	LNAPL		1				2.80E-01	2.80E-01
AOI-50	Zone1	SVOC	Benzo(a)anthracene	56-55-3	LNAPL	B2	1				4.60E-01	4.60E-01
AOI-50	Zone1	SVOC	Benzo(a)pyrene	50-32-8	LNAPL	B2	1				3.00E-01	3.00E-01
AOI-50	Zone1	SVOC	Benzo(b)fluoranthene	205-99-2	LNAPL	B2	1				4.00E-01	4.00E-01
AOI-50	Zone1	SVOC	Benzo(g,h,i)perylene	191-24-2	LNAPL	D	1				3.20E-01	3.20E-01
AOI-50	Zone1	SVOC	Benzo(k)fluoranthene	207-08-9	LNAPL	B2	1				3.20E-01	3.20E-01
AOI-50	Zone1	SVOC	Biphenyl	92-52-4	LNAPL	D	1				3.60E-01	3.60E-01
AOI-50	Zone1	SVOC	bis(2-Chloroethoxy)methane	111-91-1	LNAPL	D	1				5.20E-01	5.20E-01
AOI-50	Zone1	SVOC	bis(2-Chloroethyl) ether	111-44-4	LNAPL	B2	1				3.60E-01	3.60E-01
AOI-50	Zone1	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	LNAPL	B2	1				2.60E-01	2.60E-01
AOI-50	Zone1	SVOC	4-Bromophenyl-phenyl ether	101-55-3	LNAPL	D	1				3.00E-01	3.00E-01
AOI-50	Zone1	SVOC	Butylbenzylphthalate	85-68-7	LNAPL	C	1				4.20E-01	4.20E-01
AOI-50	Zone1	SVOC	Caprolactam	105-60-2	LNAPL		1				5.60E-01	5.60E-01
AOI-50	Zone1	SVOC	Carbazole	86-74-8	LNAPL	B2	1				3.80E-01	3.80E-01
AOI-50	Zone1	SVOC	4-Chloro-3-methylphenol	59-50-7	LNAPL		1				3.80E-01	3.80E-01
AOI-50	Zone1	SVOC	4-Chloroaniline	106-47-8	LNAPL		1				4.00E-01	4.00E-01
AOI-50	Zone1	SVOC	2-Chloronaphthalene	91-58-7	LNAPL		1				3.40E-01	3.40E-01
AOI-50	Zone1	SVOC	2-Chlorophenol	95-57-8	LNAPL		1				3.60E-01	3.60E-01
AOI-50	Zone1	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3	LNAPL		1				3.40E-01	3.40E-01

Table C-4: Summary of Products Data
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Element	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)
AOI-48 (NW)	Zone2	VOC	Trichloroethene	79-01-6	DNAPL	C-B2	1	1	5.20E+05	5.20E+05		
AOI-48 (NW)	Zone2	VOC	Trichlorofluoromethane	75-69-4	DNAPL		1				9.70E+02	9.70E+02
AOI-48 (NW)	Zone2	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	DNAPL		1				1.60E+03	1.60E+03
AOI-48 (NW)	Zone2	VOC	Vinyl Chloride	75-01-4	DNAPL	A	1				1.10E+03	1.10E+03
AOI-48 (NW)	Zone2	VOC	Xylenes (total)	1330-20-7	DNAPL	ID	1				1.40E+03	1.40E+03
AOI-50	Zone1	VOC	Acetone	67-64-1	LNAPL	ID	1				4.30E-01	4.30E-01
AOI-50	Zone1	VOC	Benzene	71-43-2	LNAPL	A	1	1	2.30E-01	2.30E-01		
AOI-50	Zone1	VOC	Bromodichloromethane	75-27-4	LNAPL	B2	1				5.60E-02	5.60E-02
AOI-50	Zone1	VOC	Bromoform	75-25-2	LNAPL	B2	1				9.20E-02	9.20E-02
AOI-50	Zone1	VOC	Bromomethane	74-83-9	LNAPL	D	1				1.40E-01	1.40E-01
AOI-50	Zone1	VOC	2-Butanone	78-93-3	LNAPL	ID	1				4.50E-01	4.50E-01
AOI-50	Zone1	VOC	Carbon Disulfide	75-15-0	LNAPL		1				1.90E-01	1.90E-01
AOI-50	Zone1	VOC	Carbon Tetrachloride	56-23-5	LNAPL	B2	1				5.60E-02	5.60E-02
AOI-50	Zone1	VOC	Chlorobenzene	108-90-7	LNAPL	D	1				4.50E-02	4.50E-02
AOI-50	Zone1	VOC	Chloroethane	75-00-3	LNAPL		1	1	3.20E-01	3.20E-01		
AOI-50	Zone1	VOC	Chloroform	67-66-3	LNAPL	B2	1	1	9.00E-01	9.00E-01		
AOI-50	Zone1	VOC	Chloromethane	74-87-3	LNAPL	D	1				8.60E-02	8.60E-02
AOI-50	Zone1	VOC	Cumene	98-82-8	LNAPL	D	1	1	5.80E-01	5.80E-01		
AOI-50	Zone1	VOC	Cyclohexane	110-82-7	LNAPL	ID	1	1	5.20E-01	5.20E-01		
AOI-50	Zone1	VOC	1,2-Dibromo-3-chloropropane	96-12-8	LNAPL	B2	1				4.50E-01	4.50E-01
AOI-50	Zone1	VOC	Dibromochloromethane	124-48-1	LNAPL	C	1				7.00E-02	7.00E-02
AOI-50	Zone1	VOC	1,2-Dibromoethane	106-93-4	LNAPL	B2	1				1.10E-01	1.10E-01
AOI-50	Zone1	VOC	1,2-Dichlorobenzene	95-50-1	LNAPL	D	1	1	1.90E-01	1.90E-01		
AOI-50	Zone1	VOC	1,3-Dichlorobenzene	541-73-1	LNAPL	D	1				5.40E-02	5.40E-02
AOI-50	Zone1	VOC	1,4-Dichlorobenzene	106-46-7	LNAPL	C	1				9.20E-02	9.20E-02
AOI-50	Zone1	VOC	Dichlorodifluoromethane	75-71-8	LNAPL		1				2.20E-01	2.20E-01
AOI-50	Zone1	VOC	1,1-Dichloroethane	75-34-3	LNAPL	C	1	1	7.60E-01	7.60E-01		
AOI-50	Zone1	VOC	1,2-Dichloroethane	107-06-2	LNAPL	B2	1				6.10E-02	6.10E-02
AOI-50	Zone1	VOC	1,1-Dichloroethene	75-35-4	LNAPL	C	1	1	6.00E-01	6.00E-01		
AOI-50	Zone1	VOC	cis-1,2-Dichloroethene	156-59-2	LNAPL	D	1	1	9.90E+00	9.90E+00		
AOI-50	Zone1	VOC	trans-1,2-Dichloroethene	156-60-5	LNAPL		1	1	8.00E-01	8.00E-01		
AOI-50	Zone1	VOC	1,2-Dichloropropane	78-87-5	LNAPL	B2	1				5.20E-02	5.20E-02
AOI-50	Zone1	VOC	1,3-Dichloropropene (total)	542-75-6	LNAPL	B2	1				6.50E-02	6.50E-02
AOI-50	Zone1	VOC	Ethyl Benzene	100-41-4	LNAPL	D	1	1	5.40E-01	5.40E-01		
AOI-50	Zone1	VOC	2-Hexanone	591-78-6	LNAPL		1				1.70E-01	1.70E-01
AOI-50	Zone1	VOC	Methyl Acetate	79-20-9	LNAPL		1				2.70E+00	2.70E+00
AOI-50	Zone1	VOC	Methyl tert-butyl ether	1634-04-4	LNAPL		1				6.30E-02	6.30E-02
AOI-50	Zone1	VOC	4-Methyl-2-pentanone	108-10-1	LNAPL	ID	1				1.60E-01	1.60E-01

Table C-4: Summary of Products Data
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Element	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)
AOI-50	Zone1	VOC	Methylcyclohexane	108-87-2	LNAPL		1	1	7.30E-01	7.30E-01		
AOI-50	Zone1	VOC	Methylene Chloride	75-09-2	LNAPL	B2	1				2.20E-01	2.20E-01
AOI-50	Zone1	VOC	Styrene	100-42-5	LNAPL		1				9.40E-02	9.40E-02
AOI-50	Zone1	VOC	1,1,2,2-Tetrachloroethane	79-34-5	LNAPL	C	1				6.10E-02	6.10E-02
AOI-50	Zone1	VOC	Tetrachloroethene	127-18-4	LNAPL	C-B2	1				8.30E-02	8.30E-02
AOI-50	Zone1	VOC	Toluene	108-88-3	LNAPL	D	1	1	4.80E-01	4.80E-01		
AOI-50	Zone1	VOC	1,2,4-Trichlorobenzene	120-82-1	LNAPL	D	1				6.30E-02	6.30E-02
AOI-50	Zone1	VOC	1,1,1-Trichloroethane	71-55-6	LNAPL	D	1				5.60E-02	5.60E-02
AOI-50	Zone1	VOC	1,1,2-Trichloroethane	79-00-5	LNAPL	C	1				9.20E-02	9.20E-02
AOI-50	Zone1	VOC	Trichloroethene	79-01-6	LNAPL	C-B2	1	1	3.40E+00	3.40E+00		
AOI-50	Zone1	VOC	Trichlorofluoromethane	75-69-4	LNAPL		1				1.10E-01	1.10E-01
AOI-50	Zone1	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	LNAPL		1				2.10E-01	2.10E-01
AOI-50	Zone1	VOC	Vinyl Chloride	75-01-4	LNAPL	A	1	1	8.30E-02	8.30E-02		
AOI-50	Zone1	VOC	Xylenes (total)	1330-20-7	LNAPL	ID	1	1	2.40E+00	2.40E+00		
AOI-50	Zone1	SVOC	Acenaphthene	83-32-9	LNAPL		1				2.80E-01	2.80E-01
AOI-50	Zone1	SVOC	Acenaphthylene	208-96-8	LNAPL	D	1				3.80E-01	3.80E-01
AOI-50	Zone1	SVOC	Acetophenone	98-86-2	LNAPL	D	1				4.00E-01	4.00E-01
AOI-50	Zone1	SVOC	Anthracene	120-12-7	LNAPL	D	1				3.40E-01	3.40E-01
AOI-50	Zone1	SVOC	Atrazine	1912-24-9	LNAPL		1				4.40E-01	4.40E-01
AOI-50	Zone1	SVOC	Benzaldehyde	100-52-7	LNAPL		1				2.80E-01	2.80E-01
AOI-50	Zone1	SVOC	Benzo(a)anthracene	56-55-3	LNAPL	B2	1				4.60E-01	4.60E-01
AOI-50	Zone1	SVOC	Benzo(a)pyrene	50-32-8	LNAPL	B2	1				3.00E-01	3.00E-01
AOI-50	Zone1	SVOC	Benzo(b)fluoranthene	205-99-2	LNAPL	B2	1				4.00E-01	4.00E-01
AOI-50	Zone1	SVOC	Benzo(g,h,i)perylene	191-24-2	LNAPL	D	1				3.20E-01	3.20E-01
AOI-50	Zone1	SVOC	Benzo(k)fluoranthene	207-08-9	LNAPL	B2	1				3.20E-01	3.20E-01
AOI-50	Zone1	SVOC	Biphenyl	92-52-4	LNAPL	D	1				3.60E-01	3.60E-01
AOI-50	Zone1	SVOC	bis(2-Chloroethoxy)methane	111-91-1	LNAPL	D	1				5.20E-01	5.20E-01
AOI-50	Zone1	SVOC	bis(2-Chloroethyl) ether	111-44-4	LNAPL	B2	1				3.60E-01	3.60E-01
AOI-50	Zone1	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	LNAPL	B2	1				2.60E-01	2.60E-01
AOI-50	Zone1	SVOC	4-Bromophenyl-phenyl ether	101-55-3	LNAPL	D	1				3.00E-01	3.00E-01
AOI-50	Zone1	SVOC	Butylbenzylphthalate	85-68-7	LNAPL	C	1				4.20E-01	4.20E-01
AOI-50	Zone1	SVOC	Caprolactam	105-60-2	LNAPL		1				5.60E-01	5.60E-01
AOI-50	Zone1	SVOC	Carbazole	86-74-8	LNAPL	B2	1				3.80E-01	3.80E-01
AOI-50	Zone1	SVOC	4-Chloro-3-methylphenol	59-50-7	LNAPL		1				3.80E-01	3.80E-01
AOI-50	Zone1	SVOC	4-Chloroaniline	106-47-8	LNAPL		1				4.00E-01	4.00E-01
AOI-50	Zone1	SVOC	2-Chloronaphthalene	91-58-7	LNAPL		1				3.40E-01	3.40E-01
AOI-50	Zone1	SVOC	2-Chlorophenol	95-57-8	LNAPL		1				3.60E-01	3.60E-01
AOI-50	Zone1	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3	LNAPL		1				3.40E-01	3.40E-01

Table C-4: Summary of Products Data
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Element	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)
AOI-50	Zone1	SVOC	Chrysene	218-01-9	LNAPL	B2	1	1	7.10E+01	7.10E+01		
AOI-50	Zone1	SVOC	Dibenz(a,h)anthracene	53-70-3	LNAPL	B2	1				3.60E-01	3.60E-01
AOI-50	Zone1	SVOC	Dibenzofuran	132-64-9	LNAPL	D	1				3.40E-01	3.40E-01
AOI-50	Zone1	SVOC	3,3'-Dichlorobenzidine	91-94-1	LNAPL	B2	1				3.60E-01	3.60E-01
AOI-50	Zone1	SVOC	2,4-Dichlorophenol	120-83-2	LNAPL		1				3.20E-01	3.20E-01
AOI-50	Zone1	SVOC	Diethylphthalate	84-66-2	LNAPL	D	1				3.80E-01	3.80E-01
AOI-50	Zone1	SVOC	2,4-Dimethylphenol	105-67-9	LNAPL		1				3.60E-01	3.60E-01
AOI-50	Zone1	SVOC	Dimethylphthalate	131-11-3	LNAPL	D	1				3.40E-01	3.40E-01
AOI-50	Zone1	SVOC	Di-n-butylphthalate	84-74-2	LNAPL	D	1				4.60E-01	4.60E-01
AOI-50	Zone1	SVOC	4,6-Dinitro-2-methylphenol	534-52-1	LNAPL		1				9.60E-01	9.60E-01
AOI-50	Zone1	SVOC	2,4-Dinitrophenol	51-28-5	LNAPL		1				9.40E-01	9.40E-01
AOI-50	Zone1	SVOC	2,4-Dinitrotoluene	121-14-2	LNAPL	B2	1				4.40E-01	4.40E-01
AOI-50	Zone1	SVOC	2,6-Dinitrotoluene	606-20-2	LNAPL	B2	1				3.00E-01	3.00E-01
AOI-50	Zone1	SVOC	Di-n-octylphthalate	117-84-0	LNAPL		1				1.30E+00	1.30E+00
AOI-50	Zone1	SVOC	Fluoranthene	206-44-0	LNAPL	D	1				3.20E-01	3.20E-01
AOI-50	Zone1	SVOC	Fluorene	86-73-7	LNAPL	D	1				3.00E-01	3.00E-01
AOI-50	Zone1	SVOC	Hexachlorobenzene	118-74-1	LNAPL	B2	1				4.40E-01	4.40E-01
AOI-50	Zone1	SVOC	Hexachlorobutadiene	87-68-3	LNAPL	C	1				3.20E-01	3.20E-01
AOI-50	Zone1	SVOC	Hexachlorocyclopentadiene	77-47-4	LNAPL	E	1				2.00E-01	2.00E-01
AOI-50	Zone1	SVOC	Hexachloroethane	67-72-1	LNAPL	C	1				3.40E-01	3.40E-01
AOI-50	Zone1	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	LNAPL	B2	1				3.80E-01	3.80E-01
AOI-50	Zone1	SVOC	Isophorone	78-59-1	LNAPL	C	1				4.40E-01	4.40E-01
AOI-50	Zone1	SVOC	2-Methylnaphthalene	91-57-6	LNAPL	ID	1				3.40E-01	3.40E-01
AOI-50	Zone1	SVOC	Methylphenol (total)	1319-77-3	LNAPL		1				4.20E-01	4.20E-01
AOI-50	Zone1	SVOC	Naphthalene	91-20-3	LNAPL	C	1				3.40E-01	3.40E-01
AOI-50	Zone1	SVOC	2-Nitroaniline	88-74-4	LNAPL		1				2.60E-01	2.60E-01
AOI-50	Zone1	SVOC	3-Nitroaniline	99-09-2	LNAPL	C	1				4.40E-01	4.40E-01
AOI-50	Zone1	SVOC	4-Nitroaniline	100-01-6	LNAPL	C	1				3.40E-01	3.40E-01
AOI-50	Zone1	SVOC	Nitrobenzene	98-95-3	LNAPL	D	1				4.80E-01	4.80E-01
AOI-50	Zone1	SVOC	2-Nitrophenol	88-75-5	LNAPL		1				4.20E-01	4.20E-01
AOI-50	Zone1	SVOC	4-Nitrophenol	100-02-7	LNAPL		1				1.10E+00	1.10E+00
AOI-50	Zone1	SVOC	N-Nitrosodiphenylamine	86-30-6	LNAPL	B2	1				3.80E-01	3.80E-01
AOI-50	Zone1	SVOC	N-Nitroso-di-n-propylamine	621-64-7	LNAPL	B2	1				3.00E-01	3.00E-01
AOI-50	Zone1	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	LNAPL	C	1				5.40E-01	5.40E-01
AOI-50	Zone1	SVOC	Pentachlorophenol	87-86-5	LNAPL	B2	1				1.20E+00	1.20E+00
AOI-50	Zone1	SVOC	Phenanthrene	85-01-8	LNAPL	D	1	1	7.90E+01	7.90E+01		
AOI-50	Zone1	SVOC	Phenol	108-95-2	LNAPL	ID	1				3.60E-01	3.60E-01
AOI-50	Zone1	SVOC	Pyrene	129-00-0	LNAPL	D	1				4.20E-01	4.20E-01

Table C-4: Summary of Products Data
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Element	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Min QL (mg/kg)	Max QL (mg/kg)
AOI-50	Zone1	SVOC	2,4,5-Trichlorophenol	95-95-4	LNAPL		1				3.00E-01	3.00E-01
AOI-50	Zone1	SVOC	2,4,6-Trichlorophenol	88-06-2	LNAPL	B2	1				3.80E-01	3.80E-01
AOI-50	Zone1	P/PCB	PCBs (total)	1336-36-3	LNAPL	B2	1				2.00E-02	2.00E-02

Notes:

LNAPL samples were taken from the following locations in AOI-13: MW-4401 (12/10/2002); MW-4403 (5/13/2003); MW-4410 (5/13/2003); MW-4413 (12/10/2002); MW-4415 (12/10/2002).

A LNAPL sample was taken from the following location in AOI-22:MW-4645S (9/30/2003).

A DNAPL sample was taken from the following location in AOI-48 (NW): MW-4626M (9/30/2003).

LNAPL samples were taken from the following location in AOI-50: MW-4621S (7/2/2002).

Based on samples collected in July and September 2003, the molecular weight of LNAPL present in all three AOIs listed above is 370 g/mol.

The concentrations for the Methylphenol (2, 3, & 4) were summed.

The concentrations for all PCB isomers were summed.

The concentrations for the Xylene isomers (m/p and o) were summed.

The concentrations for the 1,3-Dichloropropene isomers (cis and trans) were summed.

Chem Group - Chemical Group

Carc Class - EPA Weight-of-Evidence Cancer Classification

A = Known Human Carcinogen-sufficient evidence of carcinogenicity in humans;

B1 = Human Carcinogen-limited evidence of carcinogenicity in humans;

B2 = Probable Human Carcinogen-sufficient evidence of carcinogenicity in animals with inadequate or lack of evidence in humans; C = Possible Human Carcinogen-limited evidence of carcinogenicity in animals and inadequate or lack of evidence in humans; D = Not classifiable as to human carcinogenicity;

ID = Data Are Inadequate for An Assessment of Human Carcinogenic Potential

Min QL - Minimum Quantitation Limit

Max QL - Maximum Quantitation Limit

Table C-5: On-Site Groundwater Screening Results (Groundwater Surface Water Interface)
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Groundwater Surface water Interface Criteria (mg/L)	Ratio of Max Detected to Groundwater Surface water Interface Criteria
AOI-26	Zone2	VOC	Acetone	67-64-1	TOTAL	ID	2				1.10E-03	1.10E-03	1.7E+00	
AOI-26	Zone2	VOC	Benzene	71-43-2	TOTAL	A	2				3.70E-04	3.70E-04	2.0E-01	
AOI-26	Zone2	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	2				3.20E-04	3.20E-04		
AOI-26	Zone2	VOC	Bromoform	75-25-2	TOTAL	B2	2				3.70E-04	3.70E-04		
AOI-26	Zone2	VOC	Bromomethane	74-83-9	TOTAL	D	2				3.00E-04	3.00E-04	3.5E-02	
AOI-26	Zone2	VOC	2-Butanone	78-93-3	TOTAL	ID	2				5.90E-04	5.90E-04	2.2E+00	
AOI-26	Zone2	VOC	Carbon Disulfide	75-15-0	TOTAL		2				2.40E-04	2.40E-04		
AOI-26	Zone2	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	2				3.70E-04	3.70E-04	4.5E-02	
AOI-26	Zone2	VOC	Chlorobenzene	108-90-7	TOTAL	D	2				3.80E-04	3.80E-04	4.7E-02	
AOI-26	Zone2	VOC	Chloroethane	75-00-3	TOTAL		2				2.90E-04	2.90E-04		
AOI-26	Zone2	VOC	Chloroform	67-66-3	TOTAL	B2	2				3.50E-04	3.50E-04	1.7E-01	
AOI-26	Zone2	VOC	Chloromethane	74-87-3	TOTAL	D	2				4.90E-04	4.90E-04		
AOI-26	Zone2	VOC	Cumene	98-82-8	TOTAL	D	2				3.90E-04	3.90E-04		
AOI-26	Zone2	VOC	Cyclohexane	110-82-7	TOTAL	ID	2				3.30E-04	3.30E-04		
AOI-26	Zone2	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	2				8.20E-04	8.20E-04		
AOI-26	Zone2	VOC	Dibromochloromethane	124-48-1	TOTAL	C	2				3.70E-04	3.70E-04		
AOI-26	Zone2	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	2				3.40E-04	3.40E-04	1.0E-03	
AOI-26	Zone2	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	2				3.80E-04	3.80E-04	1.6E-02	
AOI-26	Zone2	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	2				3.80E-04	3.80E-04	3.8E-02	
AOI-26	Zone2	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	2				3.80E-04	3.80E-04	1.3E-02	
AOI-26	Zone2	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		2				4.90E-04	4.90E-04		
AOI-26	Zone2	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	2	2	1.60E-03	2.00E-03			7.4E-01	2.7E-03
AOI-26	Zone2	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	2				2.80E-04	2.80E-04	3.6E-01	
AOI-26	Zone2	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	2				3.10E-04	3.10E-04	6.5E-02	
AOI-26	Zone2	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	2				3.50E-04	3.50E-04	6.2E-01	
AOI-26	Zone2	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		2				3.30E-04	3.30E-04	1.5E+00	
AOI-26	Zone2	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	2				4.10E-04	4.10E-04	2.9E-01	
AOI-26	Zone2	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	2				3.50E-04	3.50E-04		
AOI-26	Zone2	VOC	Ethyl Benzene	100-41-4	TOTAL	D	2				4.10E-04	4.10E-04	1.8E-02	
AOI-26	Zone2	VOC	2-Hexanone	591-78-6	TOTAL		2				5.80E-04	5.80E-04		
AOI-26	Zone2	VOC	Methyl Acetate	79-20-9	TOTAL		2				5.40E-04	5.40E-04		
AOI-26	Zone2	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		2				2.70E-04	2.70E-04	7.3E-01	
AOI-26	Zone2	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	2				2.60E-04	2.60E-04		
AOI-26	Zone2	VOC	Methylcyclohexane	108-87-2	TOTAL		2				4.20E-04	4.20E-04		
AOI-26	Zone2	VOC	Methylene Chloride	75-09-2	TOTAL	B2	2				2.90E-04	2.90E-04	9.4E-01	
AOI-26	Zone2	VOC	Styrene	100-42-5	TOTAL		2				3.50E-04	3.50E-04	8.0E-02	
AOI-26	Zone2	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	2				3.60E-04	3.60E-04	7.8E-02	
AOI-26	Zone2	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	2				4.20E-04	4.20E-04	4.5E-02	
AOI-26	Zone2	VOC	Toluene	108-88-3	TOTAL	D	2				3.90E-04	3.90E-04	1.4E-01	
AOI-26	Zone2	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	2				4.00E-04	4.00E-04	3.0E-02	
AOI-26	Zone2	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	2				3.90E-04	3.90E-04	2.0E-01	
AOI-26	Zone2	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	2				3.60E-04	3.60E-04	3.3E-01	
AOI-26	Zone2	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	2				4.20E-04	4.20E-04	2.0E-01	
AOI-26	Zone2	VOC	Trichlorofluoromethane	75-69-4	TOTAL		2				5.40E-04	5.40E-04		
AOI-26	Zone2	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	TOTAL		2				3.20E-04	3.20E-04	3.2E-02	
AOI-26	Zone2	VOC	Vinyl Chloride	75-01-4	TOTAL	A	2				3.60E-04	3.60E-04	1.5E-02	

Table C-5: On-Site Groundwater Screening Results (Groundwater Surface Water Interface)
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Groundwater Surface water Interface Criteria (mg/L)	Ratio of Max Detected to Groundwater Surface water Interface Criteria
AOI-26	Zone2	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	2				4.40E-04	4.40E-04	3.5E-02	
AOI-26	Zone2	INORG	Iron	7439-89-6	TOTAL	D	1	1	5.30E+00	5.30E+00				
AOI-26	Zone2	INORG	Manganese	7439-96-5	SSOLVE	D	1	1	5.90E-02	5.90E-02			5.9E+01	1.0E-03
AOI-26	Zone2	INORG	Manganese	7439-96-5	TOTAL	D	1	1	1.70E-01	1.70E-01			5.9E+01	2.9E-03
AOI-26	Zone2	INORG	Nitrate	14797-55-8	TOTAL		1				2.00E-02	2.00E-02		
AOI-26	Zone2	INORG	Phosphorous (total)	7723-14-0	TOTAL		1	1	1.00E-01	1.00E-01				
AOI-48	Zone2	VOC	Acetone	67-64-1	TOTAL	ID	5				7.30E-04	5.50E-03	1.7E+00	
AOI-48	Zone2	VOC	Benzene	71-43-2	TOTAL	A	5	2	5.00E-04	8.40E-04	1.20E-03	1.80E-03	2.0E-01	4.2E-03
AOI-48	Zone2	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	5				2.40E-04	1.60E-03		
AOI-48	Zone2	VOC	Bromoform	75-25-2	TOTAL	B2	5				2.60E-04	1.80E-03		
AOI-48	Zone2	VOC	Bromomethane	74-83-9	TOTAL	D	5				2.90E-04	1.50E-03	3.5E-02	
AOI-48	Zone2	VOC	2-Butanone	78-93-3	TOTAL	ID	5				5.90E-04	3.00E-03	2.2E+00	
AOI-48	Zone2	VOC	Carbon Disulfide	75-15-0	TOTAL		5				2.90E-04	1.20E-03		
AOI-48	Zone2	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	5				1.70E-04	1.80E-03	4.5E-02	
AOI-48	Zone2	VOC	Chlorobenzene	108-90-7	TOTAL	D	5				2.00E-04	1.90E-03	4.7E-02	
AOI-48	Zone2	VOC	Chloroethane	75-00-3	TOTAL		5				3.70E-04	1.40E-03		
AOI-48	Zone2	VOC	Chloroform	67-66-3	TOTAL	B2	5				2.00E-04	1.80E-03	1.7E-01	
AOI-48	Zone2	VOC	Chloromethane	74-87-3	TOTAL	D	5				1.90E-04	2.40E-03		
AOI-48	Zone2	VOC	Cumene	98-82-8	TOTAL	D	5				1.70E-04	2.00E-03		
AOI-48	Zone2	VOC	Cyclohexane	110-82-7	TOTAL	ID	5				1.90E-04	1.60E-03		
AOI-48	Zone2	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	5				8.90E-04	4.10E-03		
AOI-48	Zone2	VOC	Dibromochloromethane	124-48-1	TOTAL	C	5				3.70E-04	1.80E-03		
AOI-48	Zone2	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	5				3.10E-04	1.70E-03	1.0E-03	
AOI-48	Zone2	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	5				1.60E-04	1.90E-03	1.6E-02	
AOI-48	Zone2	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	5				2.10E-04	1.90E-03	3.8E-02	
AOI-48	Zone2	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	5				2.40E-04	1.90E-03	1.3E-02	
AOI-48	Zone2	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		5				3.70E-04	2.40E-03		
AOI-48	Zone2	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	5				2.30E-04	1.50E-03	7.4E-01	
AOI-48	Zone2	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	5				3.00E-04	1.40E-03	3.6E-01	
AOI-48	Zone2	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	5				3.40E-04	1.60E-03	6.5E-02	
AOI-48	Zone2	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	5	5	6.90E-03	9.10E-02			6.2E-01	1.5E-01
AOI-48	Zone2	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		5	3	2.70E-04	1.30E-03	1.60E-03	1.60E-03	1.5E+00	8.7E-04
AOI-48	Zone2	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	5				2.40E-04	2.00E-03	2.9E-01	
AOI-48	Zone2	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	5				3.90E-04	1.80E-03		
AOI-48	Zone2	VOC	Ethyl Benzene	100-41-4	TOTAL	D	5				1.70E-04	2.00E-03	1.8E-02	
AOI-48	Zone2	VOC	2-Hexanone	591-78-6	TOTAL		5				6.60E-04	2.90E-03		
AOI-48	Zone2	VOC	Methyl Acetate	79-20-9	TOTAL		5				5.90E-04	2.70E-03		
AOI-48	Zone2	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		5				1.90E-04	1.40E-03	7.3E-01	
AOI-48	Zone2	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	5				3.30E-04	1.30E-03		
AOI-48	Zone2	VOC	Methylcyclohexane	108-87-2	TOTAL		5				2.10E-04	2.10E-03		
AOI-48	Zone2	VOC	Methylene Chloride	75-09-2	TOTAL	B2	5				4.90E-04	1.40E-03	9.4E-01	
AOI-48	Zone2	VOC	Styrene	100-42-5	TOTAL		5				2.10E-04	1.80E-03	8.0E-02	
AOI-48	Zone2	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	5				3.60E-04	1.80E-03	7.8E-02	
AOI-48	Zone2	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	5				3.30E-04	2.10E-03	4.5E-02	
AOI-48	Zone2	VOC	Toluene	108-88-3	TOTAL	D	5				2.60E-04	2.00E-03	1.4E-01	
AOI-48	Zone2	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	5				2.40E-04	2.00E-03	3.0E-02	

Table C-5: On-Site Groundwater Screening Results (Groundwater Surface Water Interface)
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Groundwater Surface water Interface Criteria (mg/L)	Ratio of Max Detected to Groundwater Surface water Interface Criteria
AOI-48	Zone2	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	5				2.10E-04	2.00E-03	2.0E-01	
AOI-48	Zone2	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	5				4.30E-04	1.80E-03	3.3E-01	
AOI-48	Zone2	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	5				2.00E-04	2.10E-03	2.0E-01	
AOI-48	Zone2	VOC	Trichlorofluoromethane	75-69-4	TOTAL		5				4.00E-04	2.70E-03		
AOI-48	Zone2	VOC	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	TOTAL		5				4.60E-04	1.60E-03	3.2E-02	
AOI-48	Zone2	VOC	Vinyl Chloride	75-01-4	TOTAL	A	5	5	9.30E-03	1.40E-01			1.5E-02	9.3E+00
AOI-48	Zone2	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	5				4.70E-04	2.20E-03	3.5E-02	
AOI-48	Zone2	SVOC	Acenaphthene	83-32-9	TOTAL		2				8.00E-04	8.00E-04	1.9E-02	
AOI-48	Zone2	SVOC	Acenaphthylene	208-96-8	TOTAL	D	2				7.10E-04	7.10E-04		
AOI-48	Zone2	SVOC	Acetophenone	98-86-2	TOTAL	D	2				2.60E-03	2.60E-03		
AOI-48	Zone2	SVOC	Anthracene	120-12-7	TOTAL	D	2				6.80E-04	6.80E-04		
AOI-48	Zone2	SVOC	Atrazine	1912-24-9	TOTAL	C	2				2.50E-03	2.50E-03	7.3E-03	
AOI-48	Zone2	SVOC	Benzaldehyde	100-52-7	TOTAL		2				2.80E-03	2.80E-03		
AOI-48	Zone2	SVOC	Benzo(a)anthracene	56-55-3	TOTAL	B2	2				7.00E-04	7.00E-04		
AOI-48	Zone2	SVOC	Benzo(a)pyrene	50-32-8	TOTAL	B2	2				4.90E-05	4.90E-05		
AOI-48	Zone2	SVOC	Benzo(b)fluoranthene	205-99-2	TOTAL	B2	2				9.40E-04	9.40E-04		
AOI-48	Zone2	SVOC	Benzo(g,h,i)perylene	191-24-2	TOTAL	D	2				1.40E-05	1.40E-05		
AOI-48	Zone2	SVOC	Benzo(k)fluoranthene	207-08-9	TOTAL	B2	2				4.30E-05	4.30E-05		
AOI-48	Zone2	SVOC	Biphenyl	92-52-4	TOTAL	D	2				2.60E-03	2.60E-03		
AOI-48	Zone2	SVOC	bis(2-Chloroethoxy)methane	111-91-1	TOTAL	D	2				8.70E-04	8.70E-04		
AOI-48	Zone2	SVOC	bis(2-Chloroethyl) ether	111-44-4	TOTAL	B2	2				2.80E-05	2.80E-05	1.5E-02	
AOI-48	Zone2	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	TOTAL	B2	2				2.70E-03	2.70E-03	3.2E-02	
AOI-48	Zone2	SVOC	4-Bromophenyl-phenyl ether	101-55-3	TOTAL	D	2				8.80E-04	8.80E-04		
AOI-48	Zone2	SVOC	Butylbenzylphthalate	85-68-7	TOTAL	C	2				8.80E-04	8.80E-04	1.4E-02	
AOI-48	Zone2	SVOC	Caprolactam	105-60-2	TOTAL		2				2.50E-03	2.50E-03		
AOI-48	Zone2	SVOC	Carbazole	86-74-8	TOTAL	B2	2				8.20E-04	8.20E-04	1.0E-02	
AOI-48	Zone2	SVOC	4-Chloro-3-methylphenol	59-50-7	TOTAL		2				9.90E-04	9.90E-04	7.4E-03	
AOI-48	Zone2	SVOC	4-Chloroaniline	106-47-8	TOTAL		2				6.10E-04	6.10E-04		
AOI-48	Zone2	SVOC	2-Chloronaphthalene	91-58-7	TOTAL		2				8.50E-04	8.50E-04		
AOI-48	Zone2	SVOC	2-Chlorophenol	95-57-8	TOTAL		2				1.00E-03	1.00E-03	2.2E-02	
AOI-48	Zone2	SVOC	4-Chlorophenyl-phenyl ether	7005-72-3	TOTAL		2				7.90E-04	7.90E-04		
AOI-48	Zone2	SVOC	Chrysene	218-01-9	TOTAL	B2	2				4.20E-05	4.20E-05		
AOI-48	Zone2	SVOC	Dibenz(a,h)anthracene	53-70-3	TOTAL	B2	2				7.90E-04	7.90E-04		
AOI-48	Zone2	SVOC	Dibenzofuran	132-64-9	TOTAL	D	2				1.10E-03	1.10E-03	5.0E-03	
AOI-48	Zone2	SVOC	3,3'-Dichlorobenzidine	91-94-1	TOTAL	B2	2				2.40E-05	2.40E-05	3.0E-04	
AOI-48	Zone2	SVOC	2,4-Dichlorophenol	120-83-2	TOTAL		2				8.50E-04	8.50E-04	1.9E-02	
AOI-48	Zone2	SVOC	Diethylphthalate	84-66-2	TOTAL	D	2				6.50E-04	6.50E-04	1.1E-01	
AOI-48	Zone2	SVOC	2,4-Dimethylphenol	105-67-9	TOTAL		2				8.50E-04	8.50E-04	3.8E-01	
AOI-48	Zone2	SVOC	Dimethylphthalate	131-11-3	TOTAL	D	2				7.60E-04	7.60E-04		
AOI-48	Zone2	SVOC	Di-n-butylphthalate	84-74-2	TOTAL	D	2				6.70E-04	6.70E-04	9.7E-03	
AOI-48	Zone2	SVOC	4,6-Dinitro-2-methylphenol	534-52-1	TOTAL		2				1.30E-03	1.30E-03		
AOI-48	Zone2	SVOC	2,4-Dinitrophenol	51-28-5	TOTAL		2				3.00E-03	3.00E-03		
AOI-48	Zone2	SVOC	2,4-Dinitrotoluene	121-14-2	TOTAL	B2	2				7.90E-04	7.90E-04		
AOI-48	Zone2	SVOC	2,6-Dinitrotoluene	606-20-2	TOTAL	B2	2				5.70E-04	5.70E-04		
AOI-48	Zone2	SVOC	Di-n-octylphthalate	117-84-0	TOTAL		2				1.10E-03	1.10E-03		
AOI-48	Zone2	SVOC	Fluoranthene	206-44-0	TOTAL	D	2				4.60E-05	2.00E-04	5.0E-03	

Table C-5: On-Site Groundwater Screening Results (Groundwater Surface Water Interface)
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Groundwater Surface water Interface Criteria (mg/L)	Ratio of Max Detected to Groundwater Surface water Interface Criteria
AOI-48	Zone2	SVOC	Fluorene	86-73-7	TOTAL	D	2				1.00E-03	1.00E-03	1.2E-02	
AOI-48	Zone2	SVOC	Hexachlorobenzene	118-74-1	TOTAL	B2	2				7.40E-04	7.40E-04		
AOI-48	Zone2	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	2				7.30E-04	7.30E-04	5.0E-03	
AOI-48	Zone2	SVOC	Hexachlorocyclopentadiene	77-47-4	TOTAL	E	2				1.10E-03	1.10E-03		
AOI-48	Zone2	SVOC	Hexachloroethane	67-72-1	TOTAL	C	2				7.40E-04	7.40E-04	6.7E-03	
AOI-48	Zone2	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	TOTAL	B2	2				4.00E-05	4.00E-05		
AOI-48	Zone2	SVOC	Isophorone	78-59-1	TOTAL	C	2				6.30E-04	6.30E-04	5.7E-01	
AOI-48	Zone2	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	2				6.40E-04	6.40E-04		
AOI-48	Zone2	SVOC	Methylphenol (total)	1319-77-3	TOTAL		2				1.30E-03	1.30E-03	7.1E-02	
AOI-48	Zone2	SVOC	Naphthalene	91-20-3	TOTAL	C	2				7.50E-04	7.50E-04	1.3E-02	
AOI-48	Zone2	SVOC	2-Nitroaniline	88-74-4	TOTAL		2				7.00E-04	7.00E-04		
AOI-48	Zone2	SVOC	3-Nitroaniline	99-09-2	TOTAL	C	2				7.10E-04	7.10E-04		
AOI-48	Zone2	SVOC	4-Nitroaniline	100-01-6	TOTAL	C	2				1.30E-03	1.30E-03		
AOI-48	Zone2	SVOC	Nitrobenzene	98-95-3	TOTAL	D	2				4.00E-05	4.00E-05	1.8E-01	
AOI-48	Zone2	SVOC	2-Nitrophenol	88-75-5	TOTAL		2				2.10E-03	2.10E-03		
AOI-48	Zone2	SVOC	4-Nitrophenol	100-02-7	TOTAL		2				1.90E-03	1.90E-03		
AOI-48	Zone2	SVOC	N-Nitrosodiphenylamine	86-30-6	TOTAL	B2	2				1.40E-03	1.40E-03		
AOI-48	Zone2	SVOC	N-Nitroso-di-n-propylamine	621-64-7	TOTAL	B2	2				6.70E-04	6.70E-04		
AOI-48	Zone2	SVOC	2,2'-oxybis(1-Chloropropane)	108-60-1	TOTAL	C	2				7.80E-04	7.80E-04		
AOI-48	Zone2	SVOC	Pentachlorophenol	87-86-5	TOTAL	B2	2				1.30E-04	1.30E-04	2.8E-03	
AOI-48	Zone2	SVOC	Phenanthrene	85-01-8	TOTAL	D	2				8.20E-04	8.20E-04	5.0E-03	
AOI-48	Zone2	SVOC	Phenol	108-95-2	TOTAL	ID	2				2.60E-03	2.60E-03	2.1E-01	
AOI-48	Zone2	SVOC	Pyrene	129-00-0	TOTAL	D	2				1.10E-03	1.10E-03		
AOI-48	Zone2	SVOC	2,4,5-Trichlorophenol	95-95-4	TOTAL		2				1.20E-03	1.20E-03		
AOI-48	Zone2	SVOC	2,4,6-Trichlorophenol	88-06-2	TOTAL	B2	2				1.70E-03	1.70E-03	5.0E-03	
AOI-48	Zone2	P/PCB	PCBs (total)	1336-36-3	TOTAL	B2	2				8.20E-05	8.20E-05	2.0E-04	
AOI-48	Zone2	INORG	Aluminum	7429-90-5	TOTAL	D	2	2	7.80E-02	2.52E+01				
AOI-48	Zone2	INORG	Antimony	7440-36-0	TOTAL		2				3.40E-03	3.40E-03	1.3E-01	
AOI-48	Zone2	INORG	Arsenic	7440-38-2	TOTAL	A	2	2	2.60E-02	4.50E-02			1.5E-01	3.0E-01
AOI-48	Zone2	INORG	Barium	7440-39-3	TOTAL	D	2	2	1.30E-01	7.00E-01			1.6E+02	4.4E-03
AOI-48	Zone2	INORG	Beryllium	7440-41-7	TOTAL	B1	2				6.00E-04	6.00E-04	1.2E+00	
AOI-48	Zone2	INORG	Cadmium	7440-43-9	TOTAL	B1	2	1	3.00E-04	3.00E-04	2.80E-04	2.80E-04	1.3E-01	2.3E-03
AOI-48	Zone2	INORG	Calcium	7440-70-2	TOTAL		2	2	1.14E+02	2.56E+02				
AOI-48	Zone2	INORG	Chromium (total)	7440-47-3	TOTAL		2	1	4.40E-02	4.40E-02	1.50E-03	1.50E-03	1.1E-02	**4.0E+00**
AOI-48	Zone2	INORG	Cobalt	7440-48-4	TOTAL	B1	2	2	2.00E-03	1.90E-02			1.0E-01	1.9E-01
AOI-48	Zone2	INORG	Copper	7440-50-8	TOTAL	D	2	1	3.90E-02	3.90E-02	1.70E-03	1.70E-03	6.4E+01	6.1E-04
AOI-48	Zone2	INORG	Cyanide (total)	57-12-5	TOTAL	D	2				1.80E-03	1.80E-03	5.2E-03	
AOI-48	Zone2	INORG	Iron	7439-89-6	TOTAL	D	2	2	2.70E+00	4.47E+01				
AOI-48	Zone2	INORG	Lead	7439-92-1	TOTAL	B2	2	1	2.00E-02	2.00E-02	1.60E-03	1.60E-03	1.9E-01	1.1E-01
AOI-48	Zone2	INORG	Magnesium	7439-95-4	TOTAL		2	2	4.88E+01	1.05E+02				
AOI-48	Zone2	INORG	Manganese	7439-96-5	TOTAL	D	2	2	7.10E-02	8.90E-01			5.9E+01	1.5E-02
AOI-48	Zone2	INORG	Mercury	7439-97-6	TOTAL	D	2				8.70E-05	8.70E-05	1.3E-06	
AOI-48	Zone2	INORG	Nickel	7440-02-0	TOTAL	A	2	2	6.30E-03	4.70E-02			2.1E+02	2.2E-04
AOI-48	Zone2	INORG	Potassium	7440-09-7	TOTAL		2	2	3.40E+00	9.30E+00				
AOI-48	Zone2	INORG	Selenium	7782-49-2	TOTAL	D	2				4.70E-03	4.70E-03	5.0E-03	
AOI-48	Zone2	INORG	Silver	7440-22-4	TOTAL	D	2				1.30E-04	1.30E-04	2.0E-04	

Table C-5: On-Site Groundwater Screening Results (Groundwater Surface Water Interface)
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Groundwater Surface water Interface Criteria (mg/L)	Ratio of Max Detected to Groundwater Surface water Interface Criteria
AOI-48	Zone2	INORG	Sodium	7440-23-5	TOTAL		2	2	4.33E+01	7.63E+01				
AOI-48	Zone2	INORG	Thallium	7440-28-0	TOTAL		2	2	9.60E-05	1.80E-04			3.7E-03	4.9E-02
AOI-48	Zone2	INORG	Vanadium	7440-62-2	TOTAL		2	1	4.80E-02	4.80E-02	3.40E-04	3.40E-04	1.2E-02	**4.0E+00**
AOI-48	Zone2	INORG	Zinc	7440-66-6	TOTAL	D	2	1	4.80E-01	4.80E-01	1.40E-02	1.40E-02	2.2E+01	2.2E-02

Notes:

The Screening Criteria are MDEQ Part 201 Generic Screening Values (MDEQ 2002).

The following select locations sampled in the second saturated zone were screened against the groundwater surface water interface criteria:
GP-4012, GP-4014, GP-4023A, GP-4025, GP-4026, GP-4027, GP-4028A, GP-4029, MW-4107, MW-4610, and MW-4610D

The Screening Criteria for Pyrene was used as a surrogate for Phenanthrene and Benzo(g,h,i)perylene.

The Screening Criteria for Naphthalene was used as a surrogate for 2-Methylnaphthalene.

The concentrations for the Methylphenol (2, 3, & 4) were summed before comparing to the Screening Criteria for 4-Methylphenol.

The concentrations for all PCB isomers were summed before comparing to the Screening Criteria.

The concentrations for the Xylene isomers (m/p and o) were summed before comparing to the Screening Criteria.

The concentrations for the 1,3-Dichloropropene isomers (cis and trans) were summed before comparing to the Screening Criteria.

The first (shallow) saturated zone beneath the Facility (depth to groundwater of 4 - 16 ft) is called "Zone 1,"
except in the northwest corner of the property, where "Zone 1" is absent.
In the northwest corner of the property, there is only one water-bearing zone identified, and water levels in the area
are consistent with "Zone 2" (see below). In this area, the upper half of the first and only saturated zone
encountered is identified as "Zone1/Zone2," and the lower half is identified as "Zone 2."
The second (deeper) saturated zone beneath the Facility (depth to groundwater of 15 - 25 ft) is called "Zone 2."

Chem Group - Chemical Group
Meas Basis - Measured Basis; T = Total, D = Dissolved
Carc Class - EPA Weight-of-Evidence Cancer Classification
Min QL - Minimum Quantitation Limit
Max QL - Maximum Quantitation Limit

Table C-6a: On-Site Borehole Water Screening Results (Groundwater Surface Water Interface)
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Groundwater Surface water Interface Criteria (mg/L)	Ratio of Max Detected to Groundwater Surface water Interface Criteria
AOI-48 (SE)	Zone1	VOC	Acetone	67-64-1	TOTAL	ID	2				2.50E-02	2.50E-02	1.7E+00	
AOI-48 (SE)	Zone1	VOC	Acrolein	107-02-8	TOTAL	ID	2				5.00E-03	5.00E-03		
AOI-48 (SE)	Zone1	VOC	Acrylonitrile	107-13-1	TOTAL	B1	2				1.00E-03	1.00E-03	4.9E-03	
AOI-48 (SE)	Zone1	VOC	Benzene	71-43-2	TOTAL	A	2				1.00E-03	1.00E-03	2.0E-01	
AOI-48 (SE)	Zone1	VOC	Bromobenzene	108-86-1	TOTAL		2				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone1	VOC	Bromochloromethane	74-97-5	TOTAL		2				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone1	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	2				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone1	VOC	Bromoform	75-25-2	TOTAL	B2	2				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone1	VOC	Bromomethane	74-83-9	TOTAL	D	2				1.00E-03	1.00E-03	3.5E-02	
AOI-48 (SE)	Zone1	VOC	2-Butanone	78-93-3	TOTAL	ID	2				2.50E-02	2.50E-02	2.2E+00	
AOI-48 (SE)	Zone1	VOC	n-Butylbenzene	104-51-8	TOTAL		2				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone1	VOC	sec-Butylbenzene	135-98-8	TOTAL		2				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone1	VOC	tert-Butylbenzene	98-06-6	TOTAL		2				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone1	VOC	Carbon Disulfide	75-15-0	TOTAL		2				5.00E-03	5.00E-03		
AOI-48 (SE)	Zone1	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	2				1.00E-03	1.00E-03	4.5E-02	
AOI-48 (SE)	Zone1	VOC	3-Chloro-1-propene	107-05-1	TOTAL		2				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone1	VOC	Chlorobenzene	108-90-7	TOTAL	D	2				1.00E-03	1.00E-03	4.7E-02	
AOI-48 (SE)	Zone1	VOC	Chloroethane	75-00-3	TOTAL		2				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone1	VOC	2-Chloroethylvinyl ether	110-75-8	TOTAL		2				1.00E-02	1.00E-02		
AOI-48 (SE)	Zone1	VOC	Chloroform	67-66-3	TOTAL	B2	2				1.00E-03	1.00E-03	1.7E-01	
AOI-48 (SE)	Zone1	VOC	Chloromethane	74-87-3	TOTAL	D	2				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone1	VOC	2-Chlorotoluene	95-49-8	TOTAL		2				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone1	VOC	4-Chlorotoluene	106-43-4	TOTAL		2				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone1	VOC	Cumene	98-82-8	TOTAL	D	2				5.00E-03	5.00E-03		
AOI-48 (SE)	Zone1	VOC	p-Cymene	99-87-6	TOTAL		2				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone1	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	2				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone1	VOC	Dibromochloromethane	124-48-1	TOTAL	C	2				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone1	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	2				1.00E-03	1.00E-03	1.0E-03	
AOI-48 (SE)	Zone1	VOC	Dibromomethane	74-95-3	TOTAL		2				5.00E-03	5.00E-03		
AOI-48 (SE)	Zone1	VOC	trans-1,4-Dichloro-2-butene	110-57-6	TOTAL		2				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone1	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	2				1.00E-03	1.00E-03	1.6E-02	
AOI-48 (SE)	Zone1	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	2				1.00E-03	1.00E-03	3.8E-02	
AOI-48 (SE)	Zone1	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	2				1.00E-03	1.00E-03	1.3E-02	
AOI-48 (SE)	Zone1	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		2				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone1	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	2				1.00E-03	1.00E-03	7.4E-01	
AOI-48 (SE)	Zone1	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	2				1.00E-03	1.00E-03	3.6E-01	
AOI-48 (SE)	Zone1	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	2				1.00E-03	1.00E-03	6.5E-02	
AOI-48 (SE)	Zone1	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	2	1	1.50E-02	1.50E-02	1.00E-03	1.00E-03	6.2E-01	2.4E-02
AOI-48 (SE)	Zone1	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		2				1.00E-03	1.00E-03	1.5E+00	
AOI-48 (SE)	Zone1	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	2				1.00E-03	1.00E-03	2.9E-01	
AOI-48 (SE)	Zone1	VOC	1,3-Dichloropropane	142-28-9	TOTAL		2				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone1	VOC	2,2-Dichloropropane	594-20-7	TOTAL		2				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone1	VOC	1,1-Dichloropropene	563-58-6	TOTAL		2				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone1	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	2				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone1	VOC	Ethyl Benzene	100-41-4	TOTAL	D	2				1.00E-03	1.00E-03	1.8E-02	

Table C-6a: On-Site Borehole Water Screening Results (Groundwater Surface Water Interface)
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Groundwater Surface water Interface Criteria (mg/L)	Ratio of Max Detected to Groundwater Surface water Interface Criteria
AOI-48 (SE)	Zone1	VOC	2-Hexanone	591-78-6	TOTAL		2				5.00E-02	5.00E-02		
AOI-48 (SE)	Zone1	VOC	Iodomethane	74-88-4	TOTAL		2				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone1	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		2				5.00E-03	5.00E-03	7.3E-01	
AOI-48 (SE)	Zone1	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	2				5.00E-02	5.00E-02		
AOI-48 (SE)	Zone1	VOC	Methylene Chloride	75-09-2	TOTAL	B2	2				5.00E-03	5.00E-03	9.4E-01	
AOI-48 (SE)	Zone1	VOC	Diisopropyl ether	108-20-3	TOTAL		2				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone1	VOC	n-Propylbenzene	103-65-1	TOTAL		2				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone1	VOC	Styrene	100-42-5	TOTAL		2				1.00E-03	1.00E-03	8.0E-02	
AOI-48 (SE)	Zone1	VOC	1,1,1,2-Tetrachloroethane	630-20-6	TOTAL		2				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone1	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	2				1.00E-03	1.00E-03	7.8E-02	
AOI-48 (SE)	Zone1	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	2				1.00E-03	1.00E-03	4.5E-02	
AOI-48 (SE)	Zone1	VOC	Tetrahydrofuran	109-99-9	TOTAL		2				1.00E-01	1.00E-01	1.1E+01	
AOI-48 (SE)	Zone1	VOC	Toluene	108-88-3	TOTAL	D	2				1.00E-03	1.00E-03	1.4E-01	
AOI-48 (SE)	Zone1	VOC	1,2,3-Trichlorobenzene	87-61-6	TOTAL		2				5.00E-03	5.00E-03		
AOI-48 (SE)	Zone1	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	2				5.00E-03	5.00E-03	3.0E-02	
AOI-48 (SE)	Zone1	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	2				1.00E-03	1.00E-03	2.0E-01	
AOI-48 (SE)	Zone1	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	2				1.00E-03	1.00E-03	3.3E-01	
AOI-48 (SE)	Zone1	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	2	1	1.90E-02	1.90E-02	1.00E-03	1.00E-03	2.0E-01	9.5E-02
AOI-48 (SE)	Zone1	VOC	Trichlorofluoromethane	75-69-4	TOTAL		2				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone1	VOC	1,2,3-Trichloropropane	96-18-4	TOTAL	B2	2				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone1	VOC	1,2,4-Trimethylbenzene	95-63-6	TOTAL		2				1.00E-03	1.00E-03	1.7E-02	
AOI-48 (SE)	Zone1	VOC	1,3,5-Trimethylbenzene	108-67-8	TOTAL		2				1.00E-03	1.00E-03	4.5E-02	
AOI-48 (SE)	Zone1	VOC	Vinyl Acetate	108-05-4	TOTAL		2				5.00E-02	5.00E-02		
AOI-48 (SE)	Zone1	VOC	Vinyl Chloride	75-01-4	TOTAL	A	2				1.00E-03	1.00E-03	1.5E-02	
AOI-48 (SE)	Zone1	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	2				2.00E-03	2.00E-03	3.5E-02	
AOI-48 (SE)	Zone1	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	2				1.00E-03	1.00E-03	5.0E-03	
AOI-48 (SE)	Zone1	SVOC	Hexachloroethane	67-72-1	TOTAL	C	2				5.00E-03	5.00E-03	6.7E-03	
AOI-48 (SE)	Zone1	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	2				5.00E-03	5.00E-03		
AOI-48 (SE)	Zone1	SVOC	Naphthalene	91-20-3	TOTAL	C	2				5.00E-03	5.00E-03	1.3E-02	
AOI-48 (SE)	Zone2	VOC	Acetone	67-64-1	TOTAL	ID	4				2.50E-02	2.50E-02	1.7E+00	
AOI-48 (SE)	Zone2	VOC	Acrolein	107-02-8	TOTAL	ID	4				5.00E-03	5.00E-03		
AOI-48 (SE)	Zone2	VOC	Acrylonitrile	107-13-1	TOTAL	B1	4				1.00E-03	1.00E-03	4.9E-03	
AOI-48 (SE)	Zone2	VOC	Benzene	71-43-2	TOTAL	A	4				1.00E-03	1.00E-03	2.0E-01	
AOI-48 (SE)	Zone2	VOC	Bromobenzene	108-86-1	TOTAL		4				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	Bromochloromethane	74-97-5	TOTAL		4				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	4				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	Bromoform	75-25-2	TOTAL	B2	4				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	Bromomethane	74-83-9	TOTAL	D	4				1.00E-03	1.00E-03	3.5E-02	
AOI-48 (SE)	Zone2	VOC	2-Butanone	78-93-3	TOTAL	ID	4				2.50E-02	2.50E-02	2.2E+00	
AOI-48 (SE)	Zone2	VOC	n-Butylbenzene	104-51-8	TOTAL		4				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	sec-Butylbenzene	135-98-8	TOTAL		4				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	tert-Butylbenzene	98-06-6	TOTAL		4				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	Carbon Disulfide	75-15-0	TOTAL		4				5.00E-03	5.00E-03		
AOI-48 (SE)	Zone2	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	4				1.00E-03	1.00E-03	4.5E-02	
AOI-48 (SE)	Zone2	VOC	3-Chloro-1-propene	107-05-1	TOTAL		4				1.00E-03	1.00E-03		

Table C-6a: On-Site Borehole Water Screening Results (Groundwater Surface Water Interface)
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Groundwater Surface water Interface Criteria (mg/L)	Ratio of Max Detected to Groundwater Surface water Interface Criteria
AOI-48 (SE)	Zone2	VOC	Chlorobenzene	108-90-7	TOTAL	D	4				1.00E-03	1.00E-03	4.7E-02	
AOI-48 (SE)	Zone2	VOC	Chloroethane	75-00-3	TOTAL		4				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	2-Chloroethylvinyl ether	110-75-8	TOTAL		4				1.00E-02	1.00E-02		
AOI-48 (SE)	Zone2	VOC	Chloroform	67-66-3	TOTAL	B2	4				1.00E-03	1.00E-03	1.7E-01	
AOI-48 (SE)	Zone2	VOC	Chloromethane	74-87-3	TOTAL	D	4				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	2-Chlorotoluene	95-49-8	TOTAL		4				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	4-Chlorotoluene	106-43-4	TOTAL		4				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	Cumene	98-82-8	TOTAL	D	4				5.00E-03	5.00E-03		
AOI-48 (SE)	Zone2	VOC	p-Cymene	99-87-6	TOTAL		4				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	4				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	Dibromochloromethane	124-48-1	TOTAL	C	4				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	4				1.00E-03	1.00E-03	1.0E-03	
AOI-48 (SE)	Zone2	VOC	Dibromomethane	74-95-3	TOTAL		4				5.00E-03	5.00E-03		
AOI-48 (SE)	Zone2	VOC	trans-1,4-Dichloro-2-butene	110-57-6	TOTAL		4				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	4				1.00E-03	1.00E-03	1.6E-02	
AOI-48 (SE)	Zone2	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	4				1.00E-03	1.00E-03	3.8E-02	
AOI-48 (SE)	Zone2	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	4				1.00E-03	1.00E-03	1.3E-02	
AOI-48 (SE)	Zone2	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		4				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	4				1.00E-03	1.00E-03	7.4E-01	
AOI-48 (SE)	Zone2	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	4				1.00E-03	1.00E-03	3.6E-01	
AOI-48 (SE)	Zone2	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	4				1.00E-03	1.00E-03	6.5E-02	
AOI-48 (SE)	Zone2	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	4	1	1.20E-03	1.20E-03	1.00E-03	1.00E-03	6.2E-01	1.9E-03
AOI-48 (SE)	Zone2	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		4				1.00E-03	1.00E-03	1.5E+00	
AOI-48 (SE)	Zone2	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	4				1.00E-03	1.00E-03	2.9E-01	
AOI-48 (SE)	Zone2	VOC	1,3-Dichloropropane	142-28-9	TOTAL		4				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	2,2-Dichloropropane	594-20-7	TOTAL		4				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	1,1-Dichloropropene	563-58-6	TOTAL		4				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	4				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	Ethyl Benzene	100-41-4	TOTAL	D	4				1.00E-03	1.00E-03	1.8E-02	
AOI-48 (SE)	Zone2	VOC	2-Hexanone	591-78-6	TOTAL		4				5.00E-02	5.00E-02		
AOI-48 (SE)	Zone2	VOC	Iodomethane	74-88-4	TOTAL		4				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		4				5.00E-03	5.00E-03	7.3E-01	
AOI-48 (SE)	Zone2	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	4				5.00E-02	5.00E-02		
AOI-48 (SE)	Zone2	VOC	Methylene Chloride	75-09-2	TOTAL	B2	4				5.00E-03	5.00E-03	9.4E-01	
AOI-48 (SE)	Zone2	VOC	Diisopropyl ether	108-20-3	TOTAL		4				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	n-Propylbenzene	103-65-1	TOTAL		4				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	Styrene	100-42-5	TOTAL		4				1.00E-03	1.00E-03	8.0E-02	
AOI-48 (SE)	Zone2	VOC	1,1,1,2-Tetrachloroethane	630-20-6	TOTAL		4				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	4				1.00E-03	1.00E-03	7.8E-02	
AOI-48 (SE)	Zone2	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	4				1.00E-03	1.00E-03	4.5E-02	
AOI-48 (SE)	Zone2	VOC	Tetrahydrofuran	109-99-9	TOTAL		4				1.00E-01	1.00E-01	1.1E+01	
AOI-48 (SE)	Zone2	VOC	Toluene	108-88-3	TOTAL	D	4				1.00E-03	1.00E-03	1.4E-01	
AOI-48 (SE)	Zone2	VOC	1,2,3-Trichlorobenzene	87-61-6	TOTAL		4				5.00E-03	5.00E-03		
AOI-48 (SE)	Zone2	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	4				5.00E-03	5.00E-03	3.0E-02	
AOI-48 (SE)	Zone2	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	4				1.00E-03	1.00E-03	2.0E-01	

Table C-6a: On-Site Borehole Water Screening Results (Groundwater Surface Water Interface)
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Groundwater Surface water Interface Criteria (mg/L)	Ratio of Max Detected to Groundwater Surface water Interface Criteria
AOI-48 (SE)	Zone2	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	4				1.00E-03	1.00E-03	3.3E-01	
AOI-48 (SE)	Zone2	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	4	1	1.10E-02	1.10E-02	1.00E-03	1.00E-03	2.0E-01	5.5E-02
AOI-48 (SE)	Zone2	VOC	Trichlorofluoromethane	75-69-4	TOTAL		4				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	1,2,3-Trichloropropane	96-18-4	TOTAL	B2	4				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	1,2,4-Trimethylbenzene	95-63-6	TOTAL		4				1.00E-03	1.00E-03	1.7E-02	
AOI-48 (SE)	Zone2	VOC	1,3,5-Trimethylbenzene	108-67-8	TOTAL		4				1.00E-03	1.00E-03	4.5E-02	
AOI-48 (SE)	Zone2	VOC	Vinyl Acetate	108-05-4	TOTAL		4				5.00E-02	5.00E-02		
AOI-48 (SE)	Zone2	VOC	Vinyl Chloride	75-01-4	TOTAL	A	4	2	2.80E-03	3.70E-03	1.00E-03	1.00E-03	1.5E-02	2.5E-01
AOI-48 (SE)	Zone2	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	4				2.00E-03	2.00E-03	3.5E-02	
AOI-48 (SE)	Zone2	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	4				1.00E-03	1.00E-03	5.0E-03	
AOI-48 (SE)	Zone2	SVOC	Hexachloroethane	67-72-1	TOTAL	C	4				5.00E-03	5.00E-03	6.7E-03	
AOI-48 (SE)	Zone2	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	4				5.00E-03	5.00E-03		
AOI-48 (SE)	Zone2	SVOC	Naphthalene	91-20-3	TOTAL	C	4				5.00E-03	5.00E-03	1.3E-02	

Notes:

The Screening Criteria are MDEQ Part 201 Generic Screening Values (MDEQ 2002).

The following select locations sampled in the second saturated zone were screened against the groundwater surface water interface criteria:
GP-4012, GP-4014, GP-4023A, GP-4025, GP-4026, GP-4027, GP-4028A, GP-4029, MW-4107, MW-4610, and MW-4610D

The Screening Criteria for Pyrene was used as a surrogate for Phenanthrene and Benzo(g,h,i)perylene.

The Screening Criteria for Naphthalene was used as a surrogate for 2-Methylnaphthalene.

The concentrations for the Methylphenol (2, 3, & 4) were summed before comparing to the Screening Criteria for 4-Methylphenol.

The concentrations for all PCB isomers were summed before comparing to the Screening Criteria.

The concentrations for the Xylene isomers (m/p and o) were summed before comparing to the Screening Criteria.

The concentrations for the 1,3-Dichloropropene isomers (cis and trans) were summed before comparing to the Screening Criteria.

The first (shallow) saturated zone beneath the Facility (depth to groundwater of 4 - 16 ft) is called "Zone 1,"
except in the northwest corner of the property, where "Zone 1" is absent.

In the northwest corner of the property, there is only one water-bearing zone identified, and water levels in the area
are consistent with "Zone 2" (see below). In this area, the upper half of the first and only saturated zone
encountered is identified as "Zone1/Zone2," and the lower half is identified as "Zone 2."

The second (deeper) saturated zone beneath the Facility (depth to groundwater of 15 - 25 ft) is called "Zone 2."

Chem Group - Chemical Group
Meas Basis - Measured Basis; T = Total, D = Dissolved
Carc Class - EPA Weight-of-Evidence Cancer Classification
Min QL - Minimum Quantitation Limit
Max QL - Maximum Quantitation Limit

Table C-6b: Off-Site Borehole Water Screening Results (Groundwater Surface Water Interface)
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Groundwater Surface water Interface Criteria (mg/L)	Ratio of Max Detected to Groundwater Surface water Interface Criteria
AOI-48 (SE)	Zone2	VOC	Acetone	67-64-1	TOTAL	ID	9				2.50E-02	2.50E-02	1.7E+00	
AOI-48 (SE)	Zone2	VOC	Acrolein	107-02-8	TOTAL	ID	9				5.00E-03	5.00E-03		
AOI-48 (SE)	Zone2	VOC	Acrylonitrile	107-13-1	TOTAL	B1	9				1.00E-03	1.00E-03	4.9E-03	
AOI-48 (SE)	Zone2	VOC	Benzene	71-43-2	TOTAL	A	9				1.00E-03	1.00E-03	2.0E-01	
AOI-48 (SE)	Zone2	VOC	Bromobenzene	108-86-1	TOTAL		9				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	Bromochloromethane	74-97-5	TOTAL		9				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	Bromodichloromethane	75-27-4	TOTAL	B2	9				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	Bromoform	75-25-2	TOTAL	B2	9				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	Bromomethane	74-83-9	TOTAL	D	9				1.00E-03	1.00E-03	3.5E-02	
AOI-48 (SE)	Zone2	VOC	2-Butanone	78-93-3	TOTAL	ID	9				2.50E-02	2.50E-02	2.2E+00	
AOI-48 (SE)	Zone2	VOC	n-Butylbenzene	104-51-8	TOTAL		9				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	sec-Butylbenzene	135-98-8	TOTAL		9				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	tert-Butylbenzene	98-06-6	TOTAL		9				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	Carbon Disulfide	75-15-0	TOTAL		9				5.00E-03	5.00E-03		
AOI-48 (SE)	Zone2	VOC	Carbon Tetrachloride	56-23-5	TOTAL	B2	9				1.00E-03	1.00E-03	4.5E-02	
AOI-48 (SE)	Zone2	VOC	3-Chloro-1-propene	107-05-1	TOTAL		9				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	Chlorobenzene	108-90-7	TOTAL	D	9				1.00E-03	1.00E-03	4.7E-02	
AOI-48 (SE)	Zone2	VOC	Chloroethane	75-00-3	TOTAL		9				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	2-Chloroethylvinyl ether	110-75-8	TOTAL		9				1.00E-02	1.00E-02		
AOI-48 (SE)	Zone2	VOC	Chloroform	67-66-3	TOTAL	B2	9				1.00E-03	1.00E-03	1.7E-01	
AOI-48 (SE)	Zone2	VOC	Chloromethane	74-87-3	TOTAL	D	9				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	2-Chlorotoluene	95-49-8	TOTAL		9				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	4-Chlorotoluene	106-43-4	TOTAL		9				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	Cumene	98-82-8	TOTAL	D	9				5.00E-03	5.00E-03		
AOI-48 (SE)	Zone2	VOC	p-Cymene	99-87-6	TOTAL		9				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	1,2-Dibromo-3-chloropropane	96-12-8	TOTAL	B2	9				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	Dibromochloromethane	124-48-1	TOTAL	C	9				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	1,2-Dibromoethane	106-93-4	TOTAL	B2	9				1.00E-03	1.00E-03	1.0E-03	
AOI-48 (SE)	Zone2	VOC	Dibromomethane	74-95-3	TOTAL		9				5.00E-03	5.00E-03		
AOI-48 (SE)	Zone2	VOC	trans-1,4-Dichloro-2-butene	110-57-6	TOTAL		9				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	1,2-Dichlorobenzene	95-50-1	TOTAL	D	9				1.00E-03	1.00E-03	1.6E-02	
AOI-48 (SE)	Zone2	VOC	1,3-Dichlorobenzene	541-73-1	TOTAL	D	9				1.00E-03	1.00E-03	3.8E-02	
AOI-48 (SE)	Zone2	VOC	1,4-Dichlorobenzene	106-46-7	TOTAL	C	9				1.00E-03	1.00E-03	1.3E-02	
AOI-48 (SE)	Zone2	VOC	Dichlorodifluoromethane	75-71-8	TOTAL		9				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	1,1-Dichloroethane	75-34-3	TOTAL	C	9				1.00E-03	1.00E-03	7.4E-01	
AOI-48 (SE)	Zone2	VOC	1,2-Dichloroethane	107-06-2	TOTAL	B2	9				1.00E-03	1.00E-03	3.6E-01	
AOI-48 (SE)	Zone2	VOC	1,1-Dichloroethene	75-35-4	TOTAL	C	9				1.00E-03	1.00E-03	6.5E-02	
AOI-48 (SE)	Zone2	VOC	cis-1,2-Dichloroethene	156-59-2	TOTAL	D	9	1	1.30E-03	1.30E-03	1.00E-03	1.00E-03	6.2E-01	2.1E-03
AOI-48 (SE)	Zone2	VOC	trans-1,2-Dichloroethene	156-60-5	TOTAL		9				1.00E-03	1.00E-03	1.5E+00	
AOI-48 (SE)	Zone2	VOC	1,2-Dichloropropane	78-87-5	TOTAL	B2	9				1.00E-03	1.00E-03	2.9E-01	
AOI-48 (SE)	Zone2	VOC	1,3-Dichloropropane	142-28-9	TOTAL		9				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	2,2-Dichloropropane	594-20-7	TOTAL		9				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	1,1-Dichloropropene	563-58-6	TOTAL		9				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	1,3-Dichloropropene (total)	542-75-6	TOTAL	B2	9				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	Ethyl Benzene	100-41-4	TOTAL	D	9				1.00E-03	1.00E-03	1.8E-02	

Table C-6b: Off-Site Borehole Water Screening Results (Groundwater Surface Water Interface)
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Groundwater Surface water Interface Criteria (mg/L)	Ratio of Max Detected to Groundwater Surface water Interface Criteria
AOI-48 (SE)	Zone2	VOC	2-Hexanone	591-78-6	TOTAL		9				5.00E-02	5.00E-02		
AOI-48 (SE)	Zone2	VOC	Iodomethane	74-88-4	TOTAL		9				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	Methyl tert-butyl ether	1634-04-4	TOTAL		9				5.00E-03	5.00E-03	7.3E-01	
AOI-48 (SE)	Zone2	VOC	4-Methyl-2-pentanone	108-10-1	TOTAL	ID	9				5.00E-02	5.00E-02		
AOI-48 (SE)	Zone2	VOC	Methylene Chloride	75-09-2	TOTAL	B2	9				5.00E-03	5.00E-03	9.4E-01	
AOI-48 (SE)	Zone2	VOC	Diisopropyl ether	108-20-3	TOTAL		9				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	n-Propylbenzene	103-65-1	TOTAL		9				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	Styrene	100-42-5	TOTAL		9				1.00E-03	1.00E-03	8.0E-02	
AOI-48 (SE)	Zone2	VOC	1,1,1,2-Tetrachloroethane	630-20-6	TOTAL		9				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	1,1,2,2-Tetrachloroethane	79-34-5	TOTAL	C	9				1.00E-03	1.00E-03	7.8E-02	
AOI-48 (SE)	Zone2	VOC	Tetrachloroethene	127-18-4	TOTAL	C-B2	9				1.00E-03	1.00E-03	4.5E-02	
AOI-48 (SE)	Zone2	VOC	Tetrahydrofuran	109-99-9	TOTAL		9				1.00E-01	1.00E-01	1.1E+01	
AOI-48 (SE)	Zone2	VOC	Toluene	108-88-3	TOTAL	D	9				1.00E-03	1.00E-03	1.4E-01	
AOI-48 (SE)	Zone2	VOC	1,2,3-Trichlorobenzene	87-61-6	TOTAL		9				5.00E-03	5.00E-03		
AOI-48 (SE)	Zone2	VOC	1,2,4-Trichlorobenzene	120-82-1	TOTAL	D	9				5.00E-03	5.00E-03	3.0E-02	
AOI-48 (SE)	Zone2	VOC	1,1,1-Trichloroethane	71-55-6	TOTAL	D	9				1.00E-03	1.00E-03	2.0E-01	
AOI-48 (SE)	Zone2	VOC	1,1,2-Trichloroethane	79-00-5	TOTAL	C	9				1.00E-03	1.00E-03	3.3E-01	
AOI-48 (SE)	Zone2	VOC	Trichloroethene	79-01-6	TOTAL	C-B2	9				1.00E-03	1.00E-03	2.0E-01	
AOI-48 (SE)	Zone2	VOC	Trichlorofluoromethane	75-69-4	TOTAL		9				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	1,2,3-Trichloropropane	96-18-4	TOTAL	B2	9				1.00E-03	1.00E-03		
AOI-48 (SE)	Zone2	VOC	1,2,4-Trimethylbenzene	95-63-6	TOTAL		9				1.00E-03	1.00E-03	1.7E-02	
AOI-48 (SE)	Zone2	VOC	1,3,5-Trimethylbenzene	108-67-8	TOTAL		9				1.00E-03	1.00E-03	4.5E-02	
AOI-48 (SE)	Zone2	VOC	Vinyl Acetate	108-05-4	TOTAL		9				5.00E-02	5.00E-02		
AOI-48 (SE)	Zone2	VOC	Vinyl Chloride	75-01-4	TOTAL	A	9				1.00E-03	1.00E-03	1.5E-02	
AOI-48 (SE)	Zone2	VOC	Xylenes (total)	1330-20-7	TOTAL	ID	9				2.00E-03	2.00E-03	3.5E-02	
AOI-48 (SE)	Zone2	SVOC	Hexachlorobutadiene	87-68-3	TOTAL	C	9				1.00E-03	1.00E-03	5.0E-03	
AOI-48 (SE)	Zone2	SVOC	Hexachloroethane	67-72-1	TOTAL	C	9				5.00E-03	5.00E-03	6.7E-03	
AOI-48 (SE)	Zone2	SVOC	2-Methylnaphthalene	91-57-6	TOTAL	ID	9				5.00E-03	5.00E-03		
AOI-48 (SE)	Zone2	SVOC	Naphthalene	91-20-3	TOTAL	C	9				5.00E-03	5.00E-03	1.3E-02	

Notes:

The Screening Criteria are MDEQ Part 201 Generic Screening Values (MDEQ 2002).

The following select locations sampled in the second saturated zone were screened against the groundwater surface water interface criteria:

GP-4012, GP-4014, GP-4023A, GP-4025, GP-4026, GP-4027, GP-4028A, GP-4029, MW-4107, MW-4610, and MW-4610D

The Screening Criteria for Pyrene was used as a surrogate for Phenanthrene and Benzo(g,h,i)perylene.

The Screening Criteria for Naphthalene was used as a surrogate for 2-Methylnaphthalene.

The concentrations for the Methylphenol (2, 3, & 4) were summed before comparing to the Screening Criteria for 4-Methylphenol.

The concentrations for all PCB isomers were summed before comparing to the Screening Criteria.

The concentrations for the Xylene isomers (m/p and o) were summed before comparing to the Screening Criteria.

The concentrations for the 1,3-Dichloropropene isomers (cis and trans) were summed before comparing to the Screening Criteria.

Table C-6b: Off-Site Borehole Water Screening Results (Groundwater Surface Water Interface)
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Area	Well Zone	Chem Group	Chemical	CASRN	Meas Basis	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Min QL (mg/L)	Max QL (mg/L)	Groundwater Surface water Interface Criteria (mg/L)		Ratio of Max Detected to Groundwater Surface water Interface Criteria
		Notes (Continued):													
		The first (shallow) saturated zone beneath the Facility (depth to groundwater of 4 - 16 ft) is called "Zone 1,"													
		except in the northwest corner of the property, where "Zone 1" is absent.													
		In the northwest corner of the property, there is only one water-bearing zone identified, and water levels in the area													
		are consistent with "Zone 2" (see below). In this area, the upper half of the first and only saturated zone													
		encountered is identified as "Zone1/Zone2," and the lower half is identified as "Zone 2."													
		The second (deeper) saturated zone beneath the Facility (depth to groundwater of 15 - 25 ft) is called "Zone 2."													
		Chem Group - Chemical Group													
		Meas Basis - Measured Basis; T = Total, D = Dissolved													
		Carc Class - EPA Weight-of-Evidence Cancer Classification													
		Min QL - Minimum Quantitation Limit													
		Max QL - Maximum Quantitation Limit													

Appendix D

APPENDIX D

Evaluation of Naturally Occurring Inorganic Constituents in Soil

HALEY & ALDRICH

Table D-1: Metal Concentrations in Background Soil from 0 to 2 ft bgs
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

Sample ID	Location ID	Al	Sb	As	Ba	Be	Cd	Cr	Co	Cu	Fe	Pb	Mn	Hg	Ni	Se	Ag	Tl	V	Zn
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
0722-051302-1438	MW-4601D	7780	0.29 U	8.7	79.8	0.34	0.240	15.9	5.7	32.2	16400	81.2	328	0.11	16.2	0.18 U	0.090 U	0.66 J	19.8	112
0722-051302-1130	MW-4604D	4290	0.59	4.7	38.8	0.069 J	0.150	9.5	2.7	11.2	8730	29.4	147	0.033 J	7.7	0.38 J	0.085 U	0.93	11.8	72.4
0766-051302-0945	MW-4605D	9500	0.74	5.6	51.1	0.21	0.055 J	16.1	6.0	23.2	15700	44.0	379	0.057 J	14.4	0.19 U	0.090 U	0.30 U	21.2	67.9
M06D-051303-1710	MW-4606D	4050	0.13 U	1.9	19	0.22	0.0090 U	3.6	1.6	2.8	2.0 U	11.8	72	0.0090 U	3.5	0.43 J	0.055 U	0.32 U	6.0	11.6
M08D-051203-1645	MW-4608D	3270	0.13 U	6.4	24.2	0.34	0.017 J	14.4	2.8	7.6	2.0 U	8.0	574	0.019 J	8.0	0.17 U	0.055 U	0.32 U	9.1	32.0
0722-051602-0850	MW-4610D	9890	0.29 U	8.1	74.2	0.45	2.9	17.5	6.6	100	20200	37.7	293	0.38	19.7	0.18 U	0.090 U	0.30 U	22.5	
0722-051602-1630	MW-4615S	1990	1.4	3.6	27.2	0.027 U	0.17	23.0	3.3	94.8	17600	24.7	240	0.14	17.3	0.19 U	0.090 U	0.30 U	7.0	79.7
0722-051302-1227	MW-4623S	9090	0.82	6.8	78.5	0.27	0.42	23.1	8.0	33	17800	122	884	0.087 J	17.6	0.19 U	0.090 U	0.30 U	21.6	125
631D-052003-1415	MW-4631D	3.1 U	0.59 J	5.7	41.9	0.34	0.032 J	9.5	5.7	9.2	12300	15.2	328	0.037 J	9.1	0.70	0.065 U	0.38 U	17.0	46.4
Count		**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**9**	**8**
Detected		**8**	**5**	**9**	**9**	**8**	**8**	**9**	**9**	**9**	**7**	**9**	**9**	**8**	**9**	**3**		**2**	**9**	**8**
Maximum		9890	1.4	8.7	79.8	0.45	2.9	23.1	8.0	100	20200	122	884	0.38	19.7	0.70	0.090	0.93	22.5	125
0.95 Bootstrap UCL		**7390**	**0.80**	**6.8**	**62**	**0.31**	**1.4**	**17.9**	**5.8**	**59.4**	**15500**	**67.8**	**521**	**0.19**	**15.3**				**18.3**	**90**
Background		**7390**	**0.80**	**6.8**	**62**	**0.31**	**1.4**	**17.9**	**5.8**	**59.4**	**15500**	**67.8**	**521**	**0.19**	**15.3**	**0.70**	**1.0**	**0.93**	**18.3**	**90**
MI State Background		**6900**		**5.8**	**75**		**1.2**	**18**	**6.8**	**32**	**12000**	**21**	**440**	**0.13**	**20**	**0.41**	**1.0**			**47**

Notes:

1. Concentrations for nondetects (U-qualified data) are 0.5 the quantitation limits.
2. The background values for selenium and thallium are the maximum detected concentrations.
3. The background value for silver is the MDEQ default background value, as it was not detected in any background samples.
4. The zinc concentration of 1880 mg/kg, from sample 0722-051602-0850, is suspected to be from a different data population and is excluded from UCL calculations.
5. Michigan default background values are included for reference.

Table D-2: Metal Concentrations in Background Soil from All Depth
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

	Al	Sb	As	Ba	Be	Cd	Cr	Co	Cu	Fe	Pb	Mn	Hg	Ni	Se	Ag	Tl	V	Zn
Location ID	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MW-4601D	10240	0.52	8.2	87.4	0.47	0.13	18.2	7.7	25.9	20100	46.9	282	0.078	21.8	0.19 U	0.093 U	0.81 J	26.6	84.5
MW-4604D	2440	0.39	3.4	18.6	0.042 J	0.067	5.8	2.1	6.4	7267	11.6	155	0.014 J	6.1	0.25 J	0.090 U	0.81	8.6	35.7
MW-4605D	8800	0.54	5.2	47.8	0.22	0.035 J	14.6	6.8	15.9	16200	19.3	337	0.028 J	17.1	0.19 U	0.090 U	0.91	21	47.4
MW-4606D	5365	0.13 U	4.4	33.5	0.34	0.0093 U	7.5	3.9	7.6	2.1 U	9.3	221.5	0.0093 U	10.2	0.31 J	0.058 U	0.33 U	12.2	27.4
MW-4608D	3270	0.13 U	6.4	24.2	0.34	0.017 J	14.4	2.8	7.6	2.0 U	8.0	574	0.019 J	8.0	0.17 U	0.055 U	0.32 U	9.1	32
MW-4610D	9075	0.31 U	6.4	71.4	0.43	1.6	15.4	6.4	57.1	16900	25.2	250	0.23	17.1	0.19 U	0.10 U	0.31 U	20.6	
MW-4615S	7695	0.86	7.3	51.8	0.30	0.16	22.4	8.1	57	22750	18.5	373	0.088	23.9	0.19 U	0.093 U	0.70	19.4	66.4
MW-4623D	1380	0.26 U	3.6	5.2	0.025 U	0.02 U	4.4	2.2	4.4	7260	3.2	141	0.0045 U	5.3	0.17 U	0.080 U	0.81 J	7.0	17.1
MW-4623S	5325	0.55	4.9	42.9	0.15	0.22	13.3	5.0	19.2	11605	62.5	514.5	0.050 J	11.3	0.18 U	0.088 U	0.47 J	14	71.8
MW-4631D	3.0 U	0.48 J	7.7	50	0.43	0.021 J	12.2	6.3	10.9	16750	12.3	277	0.036 J	13.8	0.54	0.06 U	0.36 U	20.6	51.9
Count	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**10**	**9**
Detected	**9**	**6**	**10**	**10**	**9**	**8**	**10**	**10**	**10**	**8**	**10**	**10**	**8**	**10**	**3**		**6**	**10**	**9**
Maximum	10240	0.86	8.2	87.4	0.47	1.62	22.4	8.1	57.1	22750	62.5	574	0.23	23.9	0.54	0.10	0.91	26.6	85
0.95 Bootstrap UCL	**7120**	**0.53**	**6.6**	**55.9**	**0.35**	**0.70**	**15.4**	**6.2**	**33.4**	**15600**	**33.5**	**392**	**0.11**	**16.8**			**0.71**	**19**	**61**
All Depth Background	**7120**	**0.53**	**6.6**	**55.9**	**0.35**	**0.70**	**15.4**	**6.2**	**33.4**	**15600**	**33.5**	**392**	**0.11**	**16.8**	**0.54**	**1.0**	**0.71**	**19**	**61**
MI State Background	**6900**		**5.8**	**75**		**1.2**	**18**	**6.8**	**32**		**21**	**440**	**0.13**	**20**	**0.41**	**1.0**			**47**

Notes:

1. Concentrations for nondetects (U-qualified data) are 0.5 the quantitation limits.
2. The background value for selenium is the maximum detected concentration.
3. The background value for silver is the MDEQ default background value, as it was not detected in any background samples.
4. The depth averaged zinc concentration of 1002 mg/kg, from Location MW-4610D, is suspected to be from a different data population and is excluded from UCL calculations.
5. Michigan default background values are included for reference.

Table D-3: Background Soil Locations With Non-Inorganics Detected
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

AREA	STN ID	sample name	Top Depth	Bottom Depth	Chem Group	Chemical	CASRN	Conc (mg/kg)	Qual	MRL (mg/kg)
AOI-48	MW-4601D	0722-051302-1438	0	2	VOC	Cyclohexane	110-82-7	0.01	J	0.0087
AOI-48	MW-4601D	0722-051302-1438	0	2	VOC	Methyl Acetate	79-20-9	0.18	J	0.046
AOI-48	MW-4601D	0722-051302-1438	0	2	VOC	Methylcyclohexane	108-87-2	0.028	J	0.016
AOI-48	MW-4601D	0722-051302-1438	0	2	VOC	Toluene	108-88-3	0.015	J	0.01
AOI-48	MW-4601D	0722-051302-1438	0	2	VOC	Xylenes (total)	1330-20-7	0.029	J	0.019
AOI-48	MW-4601D	0722-051302-1438	0	2	SVOC	Chrysene	218-01-9	0.054	J	0.054
AOI-48	MW-4601D	0722-051302-1438	0	2	SVOC	Fluoranthene	206-44-0	0.094	J	0.066
AOI-48	MW-4601D	0722-051302-1438	0	2	SVOC	Pyrene	129-00-0	0.071	J	0.06
AOI-48	MW-4601D	0722-051302-1438	0	2	P/PCB	PCBs (total)	1336-36-3	0.0367	J	0.023
AOI-48	MW-4610D	0722-051602-0850	0	2	VOC	Methylcyclohexane	108-87-2	0.033	J	0.016
AOI-48	MW-4610D	0722-051602-0850	0	2	VOC	Toluene	108-88-3	0.039	J	0.01
AOI-48	MW-4610D	0722-051602-0850	0	2	VOC	Xylenes (total)	1330-20-7	0.047	J	0.019
AOI-48	MW-4610D	0722-051602-0850	0	2	SVOC	Acenaphthene	83-32-9	0.15	J	0.06
AOI-48	MW-4610D	0722-051602-0850	0	2	SVOC	Anthracene	120-12-7	0.33		0.058
AOI-48	MW-4610D	0722-051602-0850	0	2	SVOC	Benzo(a)anthracene	56-55-3	0.66		0.065
AOI-48	MW-4610D	0722-051602-0850	0	2	SVOC	Benzo(a)pyrene	50-32-8	0.65		0.07
AOI-48	MW-4610D	0722-051602-0850	0	2	SVOC	Benzo(b)fluoranthene	205-99-2	0.76		0.068
AOI-48	MW-4610D	0722-051602-0850	0	2	SVOC	Benzo(g,h,i)perylene	191-24-2	0.42		0.065
AOI-48	MW-4610D	0722-051602-0850	0	2	SVOC	Benzo(k)fluoranthene	207-08-9	0.4		0.062
AOI-48	MW-4610D	0722-051602-0850	0	2	SVOC	Carbazole	86-74-8	0.15	J	0.061
AOI-48	MW-4610D	0722-051602-0850	0	2	SVOC	Chrysene	218-01-9	0.67		0.054
AOI-48	MW-4610D	0722-051602-0850	0	2	SVOC	Dibenz(a,h)anthracene	53-70-3	0.11	J	0.06
AOI-48	MW-4610D	0722-051602-0850	0	2	SVOC	Dibenzofuran	132-64-9	0.085	J	0.059
AOI-48	MW-4610D	0722-051602-0850	0	2	SVOC	Fluoranthene	206-44-0	1.5		0.066
AOI-48	MW-4610D	0722-051602-0850	0	2	SVOC	Fluorene	86-73-7	0.15	J	0.056
AOI-48	MW-4610D	0722-051602-0850	0	2	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	0.35		0.082
AOI-48	MW-4610D	0722-051602-0850	0	2	SVOC	Naphthalene	91-20-3	0.084	J	0.058
AOI-48	MW-4610D	0722-051602-0850	0	2	SVOC	Phenanthrene	85-01-8	1.3		0.061
AOI-48	MW-4610D	0722-051602-0850	0	2	SVOC	Pyrene	129-00-0	1.4		0.06
AOI-48	MW-4610D	0722-051602-0917	6	7	VOC	Acetone	67-64-1	0.22	J	0.19
AOI-48	MW-4610D	0722-051602-0917	6	7	VOC	Benzene	71-43-2	0.19		0.044
AOI-48	MW-4610D	0722-051602-0917	6	7	VOC	Cumene	98-82-8	1.1		0.02
AOI-48	MW-4610D	0722-051602-0917	6	7	VOC	Cyclohexane	110-82-7	0.21	J	0.022
AOI-48	MW-4610D	0722-051602-0917	6	7	VOC	1,2-Dichlorobenzene	95-50-1	0.47		0.041
AOI-48	MW-4610D	0722-051602-0917	6	7	VOC	1,4-Dichlorobenzene	106-46-7	0.083	J	0.041
AOI-48	MW-4610D	0722-051602-0917	6	7	VOC	Ethyl Benzene	100-41-4	0.14		0.036

Table D-3: Background Soil Locations With Non-Inorganics Detected
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

AREA	STN ID	sample name	Top Depth	Bottom Depth	Chem Group	Chemical	CASRN	Conc (mg/kg)	Qual	MRL (mg/kg)
AOI-48	MW-4610D	0722-051602-0917	6	7	VOC	Methyl Acetate	79-20-9	0.3	J	0.12
AOI-48	MW-4610D	0722-051602-0917	6	7	VOC	Methylcyclohexane	108-87-2	1.2	J	0.041
AOI-48	MW-4610D	0722-051602-0917	6	7	VOC	Toluene	108-88-3	0.33		0.026
AOI-48	MW-4610D	0722-051602-0917	6	7	VOC	Trichloroethene	79-01-6	0.044	J	0.044
AOI-48	MW-4610D	0722-051602-0917	6	7	VOC	Xylenes (total)	1330-20-7	2.1		0.049
AOI-48	MW-4610D	0722-051602-0917	6	7	SVOC	2-Methylnaphthalene	91-57-6	6.1	J	1.3
AOI-48	MW-4610D	0722-051602-0917	6	7	SVOC	Naphthalene	91-20-3	4.1	J	1.3
AOI-48	MW-4610D	0722-051602-0917	6	7	P/PCB	PCBs (total)	1336-36-3	0.04605	J	0.026
AOI-48	MW-4615S	0722-051602-1630	0	2	VOC	Ethyl Benzene	100-41-4	0.015	J	0.015
AOI-48	MW-4615S	0722-051602-1630	0	2	VOC	Toluene	108-88-3	0.053	J	0.011
AOI-48	MW-4615S	0722-051602-1630	0	2	VOC	Xylenes (total)	1330-20-7	0.1	J	0.021
AOI-48	MW-4615S	0722-051602-1642	5	6	VOC	Acetone	67-64-1	0.12	J	0.092
AOI-48 (NW)	MW-4604D	0722-051302-1130	0	2	VOC	Methyl Acetate	79-20-9	0.093	J	0.044
AOI-48 (NW)	MW-4604D	0766-051402-0945	16	18	VOC	Acetone	67-64-1	0.71	J	0.082
AOI-48 (NW)	MW-4605D	0766-051302-0945	0	2	VOC	Methyl Acetate	79-20-9	0.47	J	0.05
AOI-48 (NW)	MW-4605D	0766-051302-0945	0	2	SVOC	Chrysene	218-01-9	0.06	J	0.055
AOI-48 (NW)	MW-4605D	0766-051302-0945	0	2	SVOC	Fluoranthene	206-44-0	0.096	J	0.067
AOI-48 (NW)	MW-4605D	0766-051302-0945	0	2	SVOC	Pyrene	129-00-0	0.075	J	0.061
AOI-48 (NW)	MW-4605D	0766-051302-0945	0	2	P/PCB	PCBs (total)	1336-36-3	0.03975	J	0.024
AOI-48 (NW)	MW-4605D	0766-051302-1020	8	10	SVOC	Chrysene	218-01-9	0.079	J	0.054
AOI-48 (NW)	MW-4605D	0766-051302-1020	8	10	SVOC	Fluoranthene	206-44-0	0.13	J	0.066
AOI-48 (NW)	MW-4605D	0766-051302-1020	8	10	SVOC	Phenanthrene	85-01-8	0.067	J	0.061
AOI-48 (NW)	MW-4605D	0766-051302-1020	8	10	SVOC	Pyrene	129-00-0	0.11	J	0.06
AOI-48 (NW)	MW-4623S	0722-051302-1227	0	2	VOC	Methyl Acetate	79-20-9	0.13	J	0.049
AOI-48 (NW)	MW-4623S	0722-051302-1227	0	2	SVOC	Benzo(a)anthracene	56-55-3	0.24	J	0.066
AOI-48 (NW)	MW-4623S	0722-051302-1227	0	2	SVOC	Benzo(a)pyrene	50-32-8	0.28	J	0.072
AOI-48 (NW)	MW-4623S	0722-051302-1227	0	2	SVOC	Benzo(b)fluoranthene	205-99-2	0.37		0.07
AOI-48 (NW)	MW-4623S	0722-051302-1227	0	2	SVOC	Benzo(g,h,i)perylene	191-24-2	0.19	J	0.066
AOI-48 (NW)	MW-4623S	0722-051302-1227	0	2	SVOC	Benzo(k)fluoranthene	207-08-9	0.16	J	0.064
AOI-48 (NW)	MW-4623S	0722-051302-1227	0	2	SVOC	Butylbenzylphthalate	85-68-7	0.07	J	0.061
AOI-48 (NW)	MW-4623S	0722-051302-1227	0	2	SVOC	Chrysene	218-01-9	0.31	J	0.055
AOI-48 (NW)	MW-4623S	0722-051302-1227	0	2	SVOC	Fluoranthene	206-44-0	0.5		0.067
AOI-48 (NW)	MW-4623S	0722-051302-1227	0	2	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	0.17	J	0.084
AOI-48 (NW)	MW-4623S	0722-051302-1227	0	2	SVOC	Phenanthrene	85-01-8	0.21	J	0.063
AOI-48 (NW)	MW-4623S	0722-051302-1227	0	2	SVOC	Pyrene	129-00-0	0.4		0.061
AOI-48 (NW)	MW-4623S	0722-051302-1227	0	2	P/PCB	PCBs (total)	1336-36-3	0.05175	J	0.024

Table D-3: Background Soil Locations With Non-Inorganics Detected
Delphi Energy and Chassis Systems Dort Highway Facility, Flint, Michigan

AREA	STN ID	sample name	Top Depth	Bottom Depth	Chem Group	Chemical	CASRN	Conc (mg/kg)	Qual	MRL (mg/kg)
AOI-48 (NW)	MW-4623D	0766-051402-1405	12	14	VOC	Acetone	67-64-1	0.77	J	0.081
AOI-48 (NW)	MW-4631D	631D-052003-1415	0	2	VOC	Acetone	67-64-1	0.077	J	0.061
AOI-48 (NW)	MW-4631D	631D-052003-1415	0	2	VOC	Methyl Acetate	79-20-9	0.052	J	0.031
AOI-48 (NW)	MW-4631D	631D-052003-1415	0	2	VOC	Methylcyclohexane	108-87-2	0.036	J	0.011