

Analysis Group	Method Description	Method Code	Prep Method	Analyte Description	CAS Number	RL	MDL	LOD	Units
Metals in Soil	Metals (ICP)	6010C	3050B	Aluminum	7429-90-5	20.0	8.17	10.0	mg/Kg
				Antimony	7440-36-0	2.00	0.389	1.00	mg/Kg
				Arsenic	7440-38-2	1.00	0.342	0.500	mg/Kg
				Barium	7440-39-3	1.00	0.114	0.500	mg/Kg
				Beryllium	7440-41-7	0.400	0.0934	0.200	mg/Kg
				Boron	7440-42-8	5.00	0.466	2.50	mg/Kg
				Cadmium	7440-43-9	0.200	0.0360	0.100	mg/Kg
				Calcium	7440-70-2	20.0	3.39	10.0	mg/Kg
				Chromium	7440-47-3	1.00	0.495	0.500	mg/Kg
				Cobalt	7440-48-4	0.500	0.131	0.250	mg/Kg
				Copper	7440-50-8	1.00	0.280	0.500	mg/Kg
				Iron	7439-89-6	20.0	10.4	10.4	mg/Kg
				Lead	7439-92-1	0.500	0.231	0.250	mg/Kg
				Lithium	7439-93-2	1.00	0.299	0.500	mg/Kg
				Magnesium	7439-95-4	10.0	4.96	5.00	mg/Kg
				Manganese	7439-96-5	1.00	0.145	0.500	mg/Kg
				Molybdenum	7439-98-7	1.00	0.415	0.500	mg/Kg
				Nickel	7440-02-0	1.00	0.291	0.500	mg/Kg
				Potassium	7440-09-7	50.0	17.7	25.0	mg/Kg
				Selenium	7782-49-2	1.00	0.588	0.600	mg/Kg
				Silver	7440-22-4	0.500	0.129	0.250	mg/Kg
				Sodium	7440-23-5	100	14.8	50.0	mg/Kg
				Strontium	7440-24-6	0.500	0.0200	0.250	mg/Kg
				Thallium	7440-28-0	1.00	0.499	0.500	mg/Kg
				Tin	7440-31-5	4.00	0.771	2.00	mg/Kg
				Titanium	7440-32-6	0.500	0.208	0.250	mg/Kg
				Vanadium	7440-62-2	0.500	0.118	0.250	mg/Kg
				Zinc	7440-66-6	2.00	0.878	1.00	mg/Kg

Metals in Soil	Mercury (CVAA)	7471B	7471B_Prep	Mercury	7439-97-6	0.0167	0.00556	0.00900	mg/Kg
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Metals in Water	Metals (ICP/MS)	6020A	3005A	Aluminum	7429-90-5	100	24.6	60.0	ug/L
				Antimony	7440-36-0	3.00	1.32	1.50	ug/L
				Arsenic	7440-38-2	1.00	0.232	0.500	ug/L
				Barium	7440-39-3	2.50	0.730	1.25	ug/L
				Beryllium	7440-41-7	1.00	0.530	0.530	ug/L
				Boron	7440-42-8	50.0	12.7	25.0	ug/L
				Cadmium	7440-43-9	0.500	0.167	0.250	ug/L
				Calcium	7440-70-2	200	44.3	110	ug/L
				Chromium	7440-47-3	5.00	1.14	2.50	ug/L
				Cobalt	7440-48-4	1.00	0.402	0.500	ug/L
				Copper	7440-50-8	2.00	0.497	1.00	ug/L
				Iron	7439-89-6	100	46.7	50.0	ug/L
				Lead	7439-92-1	0.500	0.186	0.250	ug/L

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				Magnesium	7439-95-4	200	49.4	100	ug/L
				Manganese	7439-96-5	2.50	0.791	1.25	ug/L
				Molybdenum	7439-98-7	5.00	2.46	2.50	ug/L
				Nickel	7440-02-0	2.00	0.625	1.00	ug/L
				Potassium	7440-09-7	500	111	250	ug/L
				Selenium	7782-49-2	2.50	0.982	1.25	ug/L
				Silver	7440-22-4	0.500	0.115	0.250	ug/L
				Sodium	7440-23-5	200	77.3	100	ug/L
				Strontium	7440-24-6	4.00	0.637	2.00	ug/L
				Thallium	7440-28-0	2.00	0.570	1.00	ug/L
				Tin	7440-31-5	5.00	1.30	2.50	ug/L
				Titanium	7440-32-6	5.00	1.81	2.50	ug/L
				Vanadium	7440-62-2	5.00	2.15	2.50	ug/L
				Zinc	7440-66-6	20.0	6.92	20.0	ug/L
				Lithium	7439-93-2	2.00	0.500	1.00	ug/L
Metals in Water	Mercury (CVAA)	7470A	7470A_Prep	Mercury	7439-97-6	0.200	0.0984	0.100	ug/L
Wet Chem Soil	Chromium, Hexavalent	7196A	3060A	Chromium, hexavalent	18540-29-9	1.00	0.388	0.500	mg/Kg
Wet Chem Soil	Cyanide, Total and/or Amenable	9012B	9010C	Cyanide, Total	57-12-5	0.240	0.120	0.120	mg/Kg
Wet Chem Soil	Cyanide, Amenable	9012B_Calc		Cyanide, Amenable	STL00015	0.240	0.120	0.120	mg/Kg
				Cyanide, Non-amenable	STL00470	0.240	0.120	0.120	mg/Kg
				Cyanide, Total	57-12-5	0.240	0.120	0.120	mg/Kg
Wet Chem Soil	Cyanide, Non-Amenable	9012B_NonAmen	9010C	Cyanide, Non-amenable	STL00470	0.240	0.120	0.120	mg/Kg
Wet Chem Soil	Sulfide, Acid soluble and Insoluble (Titrimetric)	9034_Calc	9030B	Sulfide	18496-25-8	10.0	4.73	8.00	mg/Kg
Wet Chem Soil	Ammonia	SM4500NH3_G	SM4500NH3_B	Ammonia (as N)	7664-41-7	20.0	10.0	10.0	mg/Kg
Wet Chem Soil	Chloride	9251	300_Prep	Chloride	16887-00-6	20.0	9.95	10.0	mg/Kg
Wet Chem Soil	Nitrogen, Nitrate-Nitrite	353.2	300_Prep	Nitrogen, Nitrate Nitrite	STL00217	1.00	0.411	0.500	mg/Kg
Wet Chem Soil	pH	9045D		pH	STL00204	0.200	0.200	0.200	SU
Wet Chem Soil	Anions, Ion Chromatography	9056A	300_Prep	Fluoride	16984-48-8	2.00	0.670	1.00	mg/Kg
				Nitrate as N	14797-55-8	2.00	0.680	1.00	mg/Kg
				Nitrite as N	14797-65-0	2.00	0.500	1.00	mg/Kg
				Orthophosphate as P	STL00599	2.00	1.00	1.00	mg/Kg
				Sulfate	14808-79-8	2.00	0.950	1.00	mg/Kg

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Wet Chem Soil	Alkalinity	2320B	DI_LEACH	Alkalinity	STL00171	500	374	500	mg/Kg
				Bicarbonate Alkalinity as CaCO3	STL00138	500	374	500	mg/Kg
				Carbonate Alkalinity as CaCO3	STL00154	500	374	500	mg/Kg
Wet Chem Soil	Reduction-Oxidation (REDOX) Potential	2580B	DI_LEACH	Oxidation Reduction Potential	STL00289				
Wet Chem Soil	Phosphorus	4500_P_E	SM4500_P_B	Phosphorus as P	7723-14-0	10.0	2.09	5.00	mg/Kg
Wet Chem Soil	HEM and SGT-HEM	9071B_Calc	9071B_P_Sox	HEM (Oil & Grease)	STL00181	500	240	240	mg/Kg
Wet Chem Soil	Organic Carbon, Total (TOC)	Lloyd_Kahn_Mod		Total Organic Carbon	7440-44-0	1000	746	900	mg/Kg
				Total Organic Carbon - Duplicates	7440-44-0	1000	746	900	mg/Kg
				Total Organic Carbon - Quad	7440-44-0	1000	746	900	mg/Kg
				TOC Result 1	STL00338	1000	746	900	mg/Kg
				TOC Result 2	STL00339	1000	746	900	mg/Kg
				TOC Result 3	STL00340	1000	746	900	mg/Kg
				TOC Result 4	STL00341	1000	746	900	mg/Kg
Wet Chem Soil	Organic Halides, Extractable (EOX)	9023	9023_Prep	Halogens, Extractable Organic	STL00198	50.0	11.5		mg/Kg
Wet Chem Soil	Phenolics, Total Recoverable	9066	Distill_Phenol	Phenolics, Total Recoverable	STL00166	0.500	0.411	0.500	mg/Kg
Wet Chem Soil	COD	5220C	5220C_prep	Chemical Oxygen Demand	STL00070	40.0	24.0	32.0	mg/Kg
Wet Chem Soil	BOD, 5-Day	5210B	DI_LEACH	Biochemical Oxygen Demand	STL00311	200	200	200	mg/Kg
Wet Chem Soil	BOD, 5-Day	5210B	DI_LEACH	Carbonaceous Biochemical Oxygen Demand	STL00260	200	200	200	mg/Kg
Wet Chem Soil	Nitrogen, Total Kjeldahl	SM4500_TKN_H	SM4500Norg_C_P	Nitrogen, Kjeldahl	STL00296	40.0	29.0	30.0	mg/Kg
Wet Chem Soil	Total, Fixed, and Volatile Solids	2540G		% Moisture	STL00177	0.100	0.100	0.100	%
				Total Solids	STL00291	0.100	0.100	0.100	%
				Total Volatile Solids	STL00236	0.100	0.100	0.100	%
Wet Chem Soil	Paint Filter	9095B		Free Liquid	STL00028	0.000	0.000	0.000	mL/100g
Wet Chem Water	Chromium, Hexavalent (IC)	7199		Chromium, hexavalent	18540-29-9	0.300	0.230	0.230	ug/L

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Wet Chem Water	Chromium, Hexavalent	7196A		Chromium, hexavalent	18540-29-9	0.0100	0.00319	0.00500	mg/L
				Chromium, trivalent	16065-83-1	0.0100	0.00319	0.00500	mg/L
Wet Chem Water	Cyanide, Total and/or Amenable	9012B	9010C	Cyanide, Total	57-12-5	0.00500	0.00250	0.00250	mg/L
Wet Chem Water	Cyanide, Free (Flow Injection)	1677_Free		Cyanide, Free	STL00131	0.00200	0.000785		mg/L
Wet Chem Water	Cyanide, Non-Amenable	9012B_NonAmen	9010C	Cyanide, Non-amenable	STL00470	0.00500	0.00250	0.00250	mg/L
Wet Chem Water	Cyanide, Amenable	9012B_Calc		Cyanide, Amenable	STL00015	0.00500	0.00250	0.00250	mg/L
				Cyanide, Non-amenable	STL00470	0.00500	0.00250	0.00250	mg/L
				Cyanide, Total	57-12-5	0.00500	0.00250	0.00250	mg/L
Wet Chem Water	Sulfide, Acid soluble and Insoluble (Titrimetric)	9034_Calc		Sulfide	18496-25-8	1.00	0.231	0.500	mg/L
Wet Chem Water	Ammonia	SM4500NH3_G	SM4500NH3_B	Ammonia (as N)	7664-41-7	0.200	0.100	0.100	mg/L
Wet Chem Water	Chloride	9251		Chloride	16887-00-6	2.00	0.995	1.00	mg/L
Wet Chem Water	Nitrogen, Nitrate-Nitrite	353.2		Nitrogen, Nitrate Nitrite	STL00217	0.100	0.0411	0.0500	mg/L
Wet Chem Water	pH	9040B		pH	STL00204	0.200	0.200	0.200	SU
Wet Chem Water	Specific Conductance	9050A		Specific Conductance (25C)	STL00244	1.00	1.00	1.00	umhos/cm
Wet Chem Water	Anions, Ion Chromatography	9056A		Fluoride	16984-48-8	0.200	0.0670	0.100	mg/L
				Sulfate	14808-79-8	0.200	0.0950	0.100	mg/L
				Nitrate as N	14797-55-8	0.200	0.0680	0.100	mg/L
				Nitrite as N	14797-65-0	0.200	0.0500	0.100	mg/L
				Orthophosphate as P	STL00599	0.200	0.0650	0.100	mg/L
Wet Chem Water	Solids, Total Dissolved (TDS)	2540C		Total Dissolved Solids	STL00242	10.0	4.34	10.0	mg/L
Wet Chem Water	Solids, Total	SM2540B		Total Solids	STL00291	10.0	4.46	10.0	mg/L
Wet Chem Water	Alkalinity	2320B		Alkalinity	STL00171	5.00	3.74	5.00	mg/L
				Bicarbonate Alkalinity as CaCO3	STL00138	5.00	3.74	5.00	mg/L
				Carbonate Alkalinity as CaCO3	STL00154	5.00	3.74	5.00	mg/L
Wet Chem Water	Reduction-Oxidation (REDOX) Potential	2580B		Oxidation Reduction Potential	STL00289	10			millivolts

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Wet Chem Water	Total Hardness (as CaCO3) by calculation	SM2340B	3005A	Calcium hardness as CaCO3	STL00317	0.500	0.250	0.250	mg/L
				Magnesium hardness as CaCO3	STL00318	0.410	0.205	0.205	mg/L
				Hardness as calcium carbonate	STL00009	0.910	0.455	0.455	mg/L
				Calcium	7440-70-2	0.200	0.100	0.100	mg/L
				Magnesium	7439-95-4	0.100	0.0500	0.0500	mg/L
Wet Chem Water	Oxygen, Dissolved	SM4500_O_G		Oxygen, Dissolved	STL00082	0.200	0.200	0.200	mg/L
Wet Chem Water	Phosphorus	4500_P_E	SM4500_P_B	Phosphorus as P	7723-14-0	0.0500	0.0239	0.0250	mg/L
Wet Chem Water	Turbidity, Nephelometric	180.1		Turbidity	STL00189	1.00	0.500		NTU
Wet Chem Water	HEM and SGT-HEM	1664B	1664B_SPE	HEM	STL00181	5.00	1.32	2.50	mg/L
Wet Chem Water	Organic Carbon, Total (TOC)	9060A		Total Organic Carbon - Duplicates	7440-44-0	1.00	0.470	0.500	mg/L
				TOC Result 1	STL00338	1.00	0.470	0.500	mg/L
				TOC Result 2	STL00339	1.00	0.470	0.500	mg/L
Wet Chem Water	Organic Halides, Total (TOX)	9020B	Carbon_Trap	Halogens, Total Organic	STL00249	10.0	3.50	7.00	ug/L
				TOX Result 1	STL00328	10.0	3.50	7.00	ug/L
				TOX Result 2	STL00329	10.0	3.50	7.00	ug/L
				TOX Dup	STL00337	10.0	3.50	7.00	ug/L
Wet Chem Water	Phenolics, Total Recoverable	9066	Distill_Phenol	Phenolics, Total Recoverable	STL00166	0.00500	0.00411	0.00500	mg/L
Wet Chem Water	Methylene Blue Active Substances (MBAS)	5540C		Methylene Blue Active Substances	STL00077	0.0500	0.0320	0.0500	mg/L
Wet Chem Water	COD	5220C	5220C_prep	Chemical Oxygen Demand	STL00070	10.0	6.04	8.00	mg/L
Wet Chem Water	BOD, 5-Day	5210B		Biochemical Oxygen Demand	STL00311	2.00	2.00	2.00	mg/L
				Carbonaceous Biochemical Oxygen Demand	STL00260	2.00	2.00	2.00	mg/L
Wet Chem Water	Nitrogen, Total Kjeldahl	SM4500_TKN_H	SM4500Norg_C_P	Nitrogen, Kjeldahl	STL00296	0.400	0.244	0.250	mg/L
Wet Chem Water	Solids, Total Suspended (TSS)	2540D		Total Suspended Solids	STL00161	5.00	1.93	2.50	mg/L
VOA Soil	Volatile Organic Compounds (GC/MS)	8260B	5035A_FP	1,1,1,2-Tetrachloroethane	630-20-6	2.00	0.462	1.00	ug/Kg
				1,1,1-Trichloroethane	71-55-6	2.00	0.671	1.00	ug/Kg

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				1,1,2,2-Tetrachloroethane	79-34-5	2.00	0.639	1.00	ug/Kg
				1,1,2-Trichloroethane	79-00-5	2.00	0.858	1.00	ug/Kg
				1,1-Dichloroethane	75-34-3	2.00	0.685	1.00	ug/Kg
				1,1-Dichloroethene	75-35-4	2.00	0.688	1.00	ug/Kg
				1,2,4-Trichlorobenzene	120-82-1	2.00	0.720	1.00	ug/Kg
				1,2,4-Trimethylbenzene	95-63-6	2.00	0.704	1.00	ug/Kg
				1,2-Dibromoethane	106-93-4	2.00	0.764	1.00	ug/Kg
				1,2-Dichlorobenzene	95-50-1	2.00	0.744	1.00	ug/Kg
				1,2-Dichloroethane	107-06-2	5.00	1.56	2.50	ug/Kg
				1,2-Dichloropropane	78-87-5	2.00	0.517	1.00	ug/Kg
				1,3,5-Trimethylbenzene	108-67-8	2.00	0.752	1.00	ug/Kg
				1,3-Dichlorobenzene	541-73-1	2.00	0.727	1.00	ug/Kg
				1,4-Dichlorobenzene	106-46-7	2.00	0.766	1.00	ug/Kg
				2-Hexanone	591-78-6	5.00	1.56	2.50	ug/Kg
				Acetone	67-64-1	20.0	8.71	10.0	ug/Kg
				Acrolein	107-02-8	400	122	200	ug/Kg
				Benzene	71-43-2	2.00	0.510	1.00	ug/Kg
				Bromodichloromethane	75-27-4	2.00	0.407	1.00	ug/Kg
				Bromoform	75-25-2	2.00	0.584	1.00	ug/Kg
				Bromomethane	74-83-9	5.00	1.89	2.50	ug/Kg
				Carbon disulfide	75-15-0	5.00	1.04	2.50	ug/Kg
				Carbon tetrachloride	56-23-5	2.00	0.580	1.00	ug/Kg
				Chlorobenzene	108-90-7	2.00	0.738	1.00	ug/Kg
				Chloroethane	75-00-3	5.00	1.48	2.50	ug/Kg
				Chloroform	67-66-3	2.00	0.694	1.00	ug/Kg
				Chloromethane	74-87-3	5.00	2.01	2.50	ug/Kg
				cis-1,2-Dichloroethene	156-59-2	2.00	0.559	1.00	ug/Kg
				cis-1,3-Dichloropropene	10061-01-5	2.00	0.603	1.00	ug/Kg
				Dibromomethane	74-95-3	2.00	0.655	1.00	ug/Kg
				Dichlorodifluoromethane	75-71-8	5.00	1.18	2.50	ug/Kg
				Ethylbenzene	100-41-4	2.00	0.957	1.00	ug/Kg
				Isopropylbenzene	98-82-8	2.00	0.720	1.00	ug/Kg
				m&p-Xylene	179601-23-1	4.00	0.633	2.00	ug/Kg
				Methyl Ethyl Ketone	78-93-3	5.00	2.22	2.50	ug/Kg
				methyl isobutyl ketone	108-10-1	5.00	1.48	2.50	ug/Kg
				Methyl tert-butyl ether	1634-04-4	2.00	0.587	1.00	ug/Kg
				Methylene Chloride	75-09-2	5.00	1.97	2.50	ug/Kg
				Naphthalene	91-20-3	5.00	2.20	2.50	ug/Kg
				n-Butyl alcohol	71-36-3	125	63.1	100	ug/Kg
				n-Butylbenzene	104-51-8	2.00	0.875	1.00	ug/Kg
				N-Propylbenzene	103-65-1	2.00	0.815	1.00	ug/Kg
				o-Xylene	95-47-6	2.00	0.640	1.00	ug/Kg
				p-Isopropyltoluene	99-87-6	2.00	0.815	1.00	ug/Kg
				sec-Butylbenzene	135-98-8	2.00	0.890	1.00	ug/Kg

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				Styrene	100-42-5	2.00	0.604	1.00	ug/Kg
				Tentatively Identified Compound	STL00231				ug/Kg
				tert-Butylbenzene	98-06-6	2.00	0.695	1.00	ug/Kg
				Tetrachloroethene	127-18-4	2.00	0.681	1.00	ug/Kg
				Toluene	108-88-3	2.00	0.505	1.00	ug/Kg
				trans-1,2-Dichloroethene	156-60-5	2.00	0.886	1.00	ug/Kg
				trans-1,3-Dichloropropene	10061-02-6	2.00	0.702	1.00	ug/Kg
				Trichloroethene	79-01-6	2.00	0.676	1.00	ug/Kg
				Trichlorofluoromethane	75-69-4	5.00	2.02	2.50	ug/Kg
				Vinyl acetate	108-05-4	5.00	1.74	2.50	ug/Kg
				Vinyl chloride	75-01-4	2.00	0.885	1.00	ug/Kg
				1,2-Dichloroethane-d4 (Surr)	17060-07-0				ug/Kg
				4-Bromofluorobenzene (Surr)	460-00-4				ug/Kg
				Dibromofluoromethane	1868-53-7				ug/Kg
				Toluene-d8 (Surr)	2037-26-5				ug/Kg

VOA Water	Volatile Organic Compounds (GC/MS)	8260B	5030B_UP	1,1,1,2-Tetrachloroethane	630-20-6	1.00	0.462	0.500	ug/L
				1,1,1-Trichloroethane	71-55-6	1.00	0.379	0.500	ug/L
				1,1,2,2-Tetrachloroethane	79-34-5	1.00	0.398	0.500	ug/L
				1,1,2-Trichloroethane	79-00-5	1.00	0.351	0.500	ug/L
				1,1-Dichloroethane	75-34-3	1.00	0.410	0.500	ug/L
				1,1-Dichloroethene	75-35-4	1.00	0.391	0.500	ug/L
				1,2,4-Trichlorobenzene	120-82-1	1.00	0.342	0.500	ug/L
				1,2,4-Trimethylbenzene	95-63-6	1.00	0.358	0.500	ug/L
				1,2-Dibromoethane	106-93-4	1.00	0.386	0.500	ug/L
				1,2-Dichlorobenzene	95-50-1	1.00	0.334	0.500	ug/L
				1,2-Dichloroethane	107-06-2	1.00	0.392	0.500	ug/L
				1,2-Dichloropropane	78-87-5	1.00	0.428	0.500	ug/L
				1,3,5-Trimethylbenzene	108-67-8	1.00	0.254	0.500	ug/L
				1,3-Dichlorobenzene	541-73-1	1.00	0.400	0.500	ug/L
				1,4-Dichlorobenzene	106-46-7	1.00	0.364	0.500	ug/L
				2-Hexanone	591-78-6	5.00	1.56	2.50	ug/L
				Acetone	67-64-1	10.0	1.73	2.50	ug/L
				Acrolein	107-02-8	100	22.6	50.0	ug/L
				Benzene	71-43-2	0.500	0.146	0.250	ug/L
				Bromodichloromethane	75-27-4	1.00	0.372	0.500	ug/L
				Bromoform	75-25-2	1.00	0.484	0.500	ug/L
				Bromomethane	74-83-9	3.00	0.797	1.00	ug/L
				Carbon disulfide	75-15-0	2.00	0.448	1.00	ug/L
				Carbon tetrachloride	56-23-5	1.00	0.384	0.500	ug/L
				Chlorobenzene	108-90-7	1.00	0.385	0.500	ug/L
				Chloroethane	75-00-3	1.00	0.505	0.505	ug/L
				Chloroform	67-66-3	2.00	0.370	1.00	ug/L

Analysis Group	Method Description	Method Code	Prep Method	Analyte Description	CAS Number	RL	MDL	LOD	Units
				Chloromethane	74-87-3	1.00	0.320	0.500	ug/L
				cis-1,2-Dichloroethene	156-59-2	1.00	0.409	0.500	ug/L
				cis-1,3-Dichloropropene	10061-01-5	1.00	0.417	0.500	ug/L
				Dibromomethane	74-95-3	1.00	0.271	0.500	ug/L
				Dichlorodifluoromethane	75-71-8	3.00	0.674	1.00	ug/L
				Ethylbenzene	100-41-4	0.500	0.183	0.250	ug/L
				Isopropylbenzene	98-82-8	1.00	0.385	0.500	ug/L
				m&p-Xylene	179601-23-1	1.00	0.182	0.500	ug/L
				Methyl Ethyl Ketone	78-93-3	5.00	2.12	2.50	ug/L
				methyl isobutyl ketone	108-10-1	5.00	2.15	2.50	ug/L
				Methyl tert-butyl ether	1634-04-4	1.00	0.394	0.500	ug/L
				Methylene Chloride	75-09-2	5.00	1.63	2.50	ug/L
				Naphthalene	91-20-3	1.00	0.335	0.500	ug/L
				n-Butyl alcohol	71-36-3	125	52.8	75.0	ug/L
				n-Butylbenzene	104-51-8	1.00	0.389	0.500	ug/L
				N-Propylbenzene	103-65-1	1.00	0.414	0.500	ug/L
				o-Xylene	95-47-6	0.500	0.219	0.250	ug/L
				p-Isopropyltoluene	99-87-6	1.00	0.362	0.500	ug/L
				sec-Butylbenzene	135-98-8	1.00	0.399	0.500	ug/L
				Styrene	100-42-5	1.00	0.386	0.500	ug/L
				Tentatively Identified Compound	STL00231				ug/L
				tert-Butylbenzene	98-06-6	1.00	0.398	0.500	ug/L
				Tetrachloroethene	127-18-4	1.00	0.370	0.500	ug/L
				Toluene	108-88-3	0.500	0.152	0.250	ug/L
				trans-1,2-Dichloroethene	156-60-5	1.00	0.349	0.500	ug/L
				trans-1,3-Dichloropropene	10061-02-6	1.00	0.362	0.500	ug/L
				Trichloroethene	79-01-6	0.500	0.164	0.250	ug/L
				Trichlorofluoromethane	75-69-4	1.00	0.427	0.500	ug/L
				Vinyl acetate	108-05-4	2.00	0.905	1.00	ug/L
				Vinyl chloride	75-01-4	1.00	0.204	0.500	ug/L
				1,2-Dichloroethane-d4 (Surr)	17060-07-0				ug/L
				4-Bromofluorobenzene (Surr)	460-00-4				ug/L
				Dibromofluoromethane	1868-53-7				ug/L
				Toluene-d8 (Surr)	2037-26-5				ug/L

Glycols Soil	Glycols- Direct Injection (GC/FID)	8015C_DAI_GLY	DI_LEACH	Ethylene glycol	107-21-1	10.0	7.18		mg/Kg
				Propylene glycol	57-55-6	10.0	4.29		mg/Kg

Glycols Water	Glycols- Direct Injection (GC/FID)	8015C_DAI_GLY		Ethylene glycol	107-21-1	10.0	5.30		mg/L
				Propylene glycol	57-55-6	10.0	2.32		mg/L

BNA & PAHs Soil	Semivolatile Organic Compounds (GC/MS)	8270D	3541	1,2,4-Trichlorobenzene	120-82-1	167	35.8	83.0	ug/Kg
				1-Methylnaphthalene	90-12-0	33.0	8.11	33.0	ug/Kg

Analysis Group	Method Description	Method Code	Prep Method	Analyte Description	CAS Number	RL	MDL	LOD	Units
				2,4,5-Trichlorophenol	95-95-4	330	75.8	167	ug/Kg
				2,4,6-Trichlorophenol	88-06-2	330	114	167	ug/Kg
				2,4-Dichlorophenol	120-83-2	330	78.9	167	ug/Kg
				2,4-Dimethylphenol	105-67-9	330	126	167	ug/Kg
				2,4-Dinitrophenol	51-28-5	670	585	670	ug/Kg
				2,4-Dinitrotoluene	121-14-2	167	52.8	83.0	ug/Kg
				2,6-Dinitrotoluene	606-20-2	167	65.3	83.0	ug/Kg
				2-Chloronaphthalene	91-58-7	167	36.7	83.0	ug/Kg
				2-Chlorophenol	95-57-8	167	56.7	83.0	ug/Kg
				2-Methylnaphthalene	91-57-6	167	6.11	33.0	ug/Kg
				2-Methylphenol	95-48-7	167	53.3	83.0	ug/Kg
				2-Nitroaniline	88-74-4	167	44.7	83.0	ug/Kg
				2-Nitrophenol	88-75-5	330	78.5	167	ug/Kg
				3 & 4 Methylphenol	15831-10-4	167	55.4	83.0	ug/Kg
				3,3'-Dichlorobenzidine	91-94-1	167	46.5	83.0	ug/Kg
				3-Nitroaniline	99-09-2	330	103	167	ug/Kg
				4,6-Dinitro-2-methylphenol	534-52-1	330	267	330	ug/Kg
				4-Bromophenyl phenyl ether	101-55-3	167	43.8	83.0	ug/Kg
				4-Chloro-3-methylphenol	59-50-7	330	113	167	ug/Kg
				4-Chloroaniline	106-47-8	670	156	330	ug/Kg
				4-Chlorophenyl phenyl ether	7005-72-3	167	38.8	83.0	ug/Kg
				4-Nitroaniline	100-01-6	330	139	167	ug/Kg
				4-Nitrophenol	100-02-7	670	316	330	ug/Kg
				Acenaphthene	83-32-9	33.0	5.97	16.7	ug/Kg
				Acenaphthylene	208-96-8	33.0	4.38	16.7	ug/Kg
				Anthracene	120-12-7	33.0	5.55	16.7	ug/Kg
				Benzo[a]anthracene	56-55-3	33.0	4.47	16.7	ug/Kg
				Benzo[a]pyrene	50-32-8	33.0	6.43	16.7	ug/Kg
				Benzo[b]fluoranthene	205-99-2	33.0	7.17	16.7	ug/Kg
				Benzo[g,h,i]perylene	191-24-2	33.0	10.7	16.7	ug/Kg
				Benzo[k]fluoranthene	207-08-9	33.0	9.79	16.7	ug/Kg
				Benzoic acid	65-85-0	1670	330	830	ug/Kg
				Benzyl alcohol	100-51-6	330	330	330	ug/Kg
				bis (2-chloroisopropyl) ether	108-60-1	167	38.5	83.0	ug/Kg
				Bis(2-chloroethoxy)methane	111-91-1	167	33.9	83.0	ug/Kg
				Bis(2-chloroethyl)ether	111-44-4	167	49.8	83.0	ug/Kg
				Bis(2-ethylhexyl) phthalate	117-81-7	167	60.7	83.0	ug/Kg
				Butyl benzyl phthalate	85-68-7	167	63.2	83.0	ug/Kg
				Carbazole	86-74-8	167	83.0	83.0	ug/Kg
				Chrysene	218-01-9	33.0	9.06	16.7	ug/Kg
				Dibenz(a,h)anthracene	53-70-3	33.0	6.42	16.7	ug/Kg
				Dibenzofuran	132-64-9	167	38.9	83.0	ug/Kg
				Diethyl phthalate	84-66-2	167	56.3	83.0	ug/Kg
				Dimethyl phthalate	131-11-3	167	43.4	83.0	ug/Kg

Analysis Group	Method Description	Method Code	Prep Method	Analyte Description	CAS Number	RL	MDL	LOD	Units
				Di-n-butyl phthalate	84-74-2	167	50.6	83.0	ug/Kg
				Di-n-octyl phthalate	117-84-0	167	54.2	83.0	ug/Kg
				Fluoranthene	206-44-0	33.0	6.16	16.7	ug/Kg
				Fluorene	86-73-7	33.0	4.67	16.7	ug/Kg
				Hexachlorobenzene	118-74-1	67.0	7.70	33.0	ug/Kg
				Hexachlorobutadiene	87-68-3	167	52.2	83.0	ug/Kg
				Hexachlorocyclopentadiene	77-47-4	660	191	330	ug/Kg
				Hexachloroethane	67-72-1	167	50.5	83.0	ug/Kg
				Indeno[1,2,3-cd]pyrene	193-39-5	33.0	8.61	16.7	ug/Kg
				Isophorone	78-59-1	167	37.3	83.0	ug/Kg
				Naphthalene	91-20-3	33.0	5.11	16.7	ug/Kg
				Nitrobenzene	98-95-3	33.0	8.29	16.7	ug/Kg
				N-Nitrosodi-n-propylamine	621-64-7	167	40.6	67.0	ug/Kg
				N-Nitrosodiphenylamine	86-30-6	167	39.2	83.0	ug/Kg
				Pentachlorophenol	87-86-5	670	533	670	ug/Kg
				Phenanthrene	85-01-8	33.0	4.63	16.7	ug/Kg
				Phenol	108-95-2	167	73.8	83.0	ug/Kg
				Pyrene	129-00-0	33.0	6.60	16.7	ug/Kg
				Tentatively Identified Compound	STL00231				ug/Kg
				2,4,6-Tribromophenol	118-79-6				ug/Kg
				2-Fluorobiphenyl	321-60-8				ug/Kg
				2-Fluorophenol	367-12-4				ug/Kg
				Nitrobenzene-d5	4165-60-0				ug/Kg
				Phenol-d5	4165-62-2				ug/Kg
				Terphenyl-d14	1718-51-0				ug/Kg

BNA & PAHs Soil	Semivolatile Organic Compounds (GC/MS)	8270D	3541	1-Methylnaphthalene	90-12-0	67.0	8.11	33.0	ug/Kg
				2-Methylnaphthalene	91-57-6	67.0	6.11	33.0	ug/Kg
				Acenaphthene	83-32-9	33.0	5.97	16.7	ug/Kg
				Acenaphthylene	208-96-8	33.0	4.38	16.7	ug/Kg
				Anthracene	120-12-7	33.0	5.55	16.7	ug/Kg
				Benzo[a]anthracene	56-55-3	33.0	4.47	16.7	ug/Kg
				Benzo[a]pyrene	50-32-8	33.0	6.43	16.7	ug/Kg
				Benzo[b]fluoranthene	205-99-2	33.0	7.17	16.7	ug/Kg
				Benzo[g,h,i]perylene	191-24-2	33.0	10.7	16.7	ug/Kg
				Benzo[k]fluoranthene	207-08-9	33.0	9.79	16.7	ug/Kg
				Chrysene	218-01-9	33.0	9.06	16.7	ug/Kg
				Dibenz(a,h)anthracene	53-70-3	33.0	6.42	16.7	ug/Kg
				Fluoranthene	206-44-0	33.0	6.16	16.7	ug/Kg
				Fluorene	86-73-7	33.0	4.67	16.7	ug/Kg
				Indeno[1,2,3-cd]pyrene	193-39-5	33.0	8.61	16.7	ug/Kg
				Naphthalene	91-20-3	33.0	5.11	16.7	ug/Kg
				Phenanthrene	85-01-8	33.0	4.63	16.7	ug/Kg

Analysis Group	Method Description	Method Code	Prep Method	Analyte Description	CAS Number	RL	MDL	LOD	Units
				Pyrene	129-00-0	33.0	6.60	16.7	ug/Kg
				Tentatively Identified Compound	STL00231				ug/Kg
				2-Fluorobiphenyl	321-60-8				ug/Kg
				Nitrobenzene-d5	4165-60-0				ug/Kg
				Terphenyl-d14	1718-51-0				ug/Kg

BNA & PAHs Water	Semivolatile Organic Compounds (GC/MS)	8270D	3510C_LVI	1,2,4-Trichlorobenzene	120-82-1	1.60	0.189	0.800	ug/L
				1-Methylnaphthalene	90-12-0	0.800	0.241	0.800	ug/L
				2,4,5-Trichlorophenol	95-95-4	8.00	2.05	4.00	ug/L
				2,4,6-Trichlorophenol	88-06-2	4.00	0.573	2.00	ug/L
				2,4-Dichlorophenol	120-83-2	8.00	2.08	4.00	ug/L
				2,4-Dimethylphenol	105-67-9	8.00	1.44	4.00	ug/L
				2,4-Dinitrophenol	51-28-5	16.0	6.87	8.00	ug/L
				2,4-Dinitrotoluene	121-14-2	0.800	0.196	0.400	ug/L
				2,6-Dinitrotoluene	606-20-2	0.400	0.0590	0.400	ug/L
				2-Chloronaphthalene	91-58-7	1.60	0.188	0.800	ug/L
				2-Chlorophenol	95-57-8	4.00	0.447	2.00	ug/L
				2-Methylnaphthalene	91-57-6	0.400	0.0521	0.800	ug/L
				2-Methylphenol	95-48-7	1.60	0.244	0.800	ug/L
				2-Nitroaniline	88-74-4	4.00	1.03	2.00	ug/L
				2-Nitrophenol	88-75-5	8.00	2.00	4.00	ug/L
				3 & 4 Methylphenol	15831-10-4	1.60	0.359	0.800	ug/L
				3,3'-Dichlorobenzidine	91-94-1	4.00	1.37	2.00	ug/L
				3-Nitroaniline	99-09-2	8.00	1.43	4.00	ug/L
				4,6-Dinitro-2-methylphenol	534-52-1	16.0	4.72	8.00	ug/L
				4-Bromophenyl phenyl ether	101-55-3	4.00	0.432	2.00	ug/L
				4-Chloro-3-methylphenol	59-50-7	8.00	1.84	4.00	ug/L
				4-Chloroaniline	106-47-8	8.00	1.61	4.00	ug/L
				4-Chlorophenyl phenyl ether	7005-72-3	4.00	0.508	2.00	ug/L
				4-Nitroaniline	100-01-6	8.00	1.33	4.00	ug/L
				4-Nitrophenol	100-02-7	16.0	5.94	8.00	ug/L
				Acenaphthene	83-32-9	0.800	0.247	0.400	ug/L
				Acenaphthylene	208-96-8	0.800	0.214	0.400	ug/L

Analysis Group	Method Description	Method Code	Prep Method	Analyte Description	CAS Number	RL	MDL	LOD	Units
				Anthracene	120-12-7	0.800	0.267	0.400	ug/L
				Benzo[a]anthracene	56-55-3	0.160	0.0453	0.0800	ug/L
				Benzo[a]pyrene	50-32-8	0.160	0.0791	0.0800	ug/L
				Benzo[b]fluoranthene	205-99-2	0.160	0.0645	0.0800	ug/L
				Benzo[g,h,i]perylene	191-24-2	0.800	0.300	0.400	ug/L
				Benzo[k]fluoranthene	207-08-9	0.160	0.0512	0.0800	ug/L
				Benzoic acid	65-85-0	16.0	4.61	8.00	ug/L
				Benzyl alcohol	100-51-6	16.0	4.83	8.00	ug/L
				bis (2-chloroisopropyl) ether	108-60-1	1.60	0.304	0.800	ug/L
				Bis(2-chloroethoxy)methane	111-91-1	1.60	0.227	0.800	ug/L
				Bis(2-chloroethyl)ether	111-44-4	1.60	0.234	0.800	ug/L
				Bis(2-ethylhexyl) phthalate	117-81-7	8.00	1.37	4.00	ug/L
				Butyl benzyl phthalate	85-68-7	1.60	0.384	0.800	ug/L
				Carbazole	86-74-8	4.00	0.283	2.00	ug/L
				Chrysene	218-01-9	0.400	0.0545	0.0800	ug/L
				Dibenz(a,h)anthracene	53-70-3	0.240	0.0406	0.120	ug/L
				Dibenzofuran	132-64-9	1.60	0.210	0.800	ug/L
				Diethyl phthalate	84-66-2	1.60	0.289	1.60	ug/L
				Dimethyl phthalate	131-11-3	1.60	0.251	1.60	ug/L
				Di-n-butyl phthalate	84-74-2	4.00	0.584	2.00	ug/L
				Di-n-octyl phthalate	117-84-0	8.00	0.840	4.00	ug/L
				Fluoranthene	206-44-0	0.800	0.363	0.400	ug/L
				Fluorene	86-73-7	0.800	0.195	0.400	ug/L
				Hexachlorobenzene	118-74-1	0.400	0.0635	0.200	ug/L
				Hexachlorobutadiene	87-68-3	4.00	0.412	2.00	ug/L
				Hexachlorocyclopentadiene	77-47-4	10.0	5.10	8.00	ug/L
				Hexachloroethane	67-72-1	4.00	0.479	2.00	ug/L
				Indeno[1,2,3-cd]pyrene	193-39-5	0.160	0.0598	0.0800	ug/L
				Isophorone	78-59-1	1.60	0.300	0.800	ug/L
				Naphthalene	91-20-3	0.800	0.247	0.400	ug/L
				Nitrobenzene	98-95-3	0.800	0.359	0.400	ug/L
				N-Nitrosodi-n-propylamine	621-64-7	0.400	0.123	0.200	ug/L
				N-Nitrosodiphenylamine	86-30-6	0.800	0.296	0.800	ug/L
				Pentachlorophenol	87-86-5	16.0	3.15	8.00	ug/L
				Phenanthrene	85-01-8	0.800	0.241	0.400	ug/L
				Phenol	108-95-2	4.00	0.537	2.00	ug/L
				Pyrene	129-00-0	0.800	0.341	0.400	ug/L
				Tentatively Identified Compound	STL00231				ug/L
				2,4,6-Tribromophenol	118-79-6				ug/L
				2-Fluorobiphenyl	321-60-8				ug/L
				2-Fluorophenol	367-12-4				ug/L
				Nitrobenzene-d5	4165-60-0				ug/L
				Phenol-d5	4165-62-2				ug/L
				Terphenyl-d14	1718-51-0				ug/L

Analysis Group	Method Description	Method Code	Prep Method	Analyte Description	CAS Number	RL	MDL	LOD	Units
BNA & PAHs Water	Semivolatile Organic Compounds (GC/MS)	8270D	3510C_LVI	Acenaphthene	83-32-9	0.800	0.247	0.400	ug/L
				Acenaphthylene	208-96-8	0.800	0.214	0.400	ug/L
				Anthracene	120-12-7	0.800	0.267	0.400	ug/L
				Benzo[a]anthracene	56-55-3	0.130	0.0453	0.0800	ug/L
				Benzo[a]pyrene	50-32-8	0.160	0.0791	0.0800	ug/L
				Benzo[b]fluoranthene	205-99-2	0.160	0.0645	0.0800	ug/L
				Benzo[g,h,i]perylene	191-24-2	0.800	0.300	0.400	ug/L
				Benzo[k]fluoranthene	207-08-9	0.160	0.0512	0.0800	ug/L
				Chrysene	218-01-9	0.400	0.0545	0.0800	ug/L
				Dibenz(a,h)anthracene	53-70-3	0.240	0.0406	0.120	ug/L
				Fluoranthene	206-44-0	0.800	0.363	0.400	ug/L
				Fluorene	86-73-7	0.800	0.195	0.400	ug/L
				Indeno[1,2,3-cd]pyrene	193-39-5	0.160	0.0598	0.0800	ug/L
				1-Methylnaphthalene	90-12-0	0.800	0.241	0.800	ug/L
				2-Methylnaphthalene	91-57-6	0.400	0.0521	0.800	ug/L
				Naphthalene	91-20-3	0.800	0.247	0.400	ug/L
				Phenanthrene	85-01-8	0.800	0.241	0.400	ug/L
				Pyrene	129-00-0	0.800	0.341	0.400	ug/L
				Tentatively Identified Compound	STL00231				ug/L
				2-Fluorobiphenyl	321-60-8				ug/L
				Nitrobenzene-d5	4165-60-0				ug/L
				Terphenyl-d14	1718-51-0				ug/L
PCBs Soil	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	8082A	3541	PCB-1016	12674-11-2	16.7	6.55	8.30	ug/Kg
				PCB-1221	11104-28-2	16.7	6.55	8.30	ug/Kg
				PCB-1232	11141-16-5	16.7	4.52	8.30	ug/Kg
				PCB-1242	53469-21-9	16.7	6.49	8.30	ug/Kg
				PCB-1248	12672-29-6	16.7	7.93	8.30	ug/Kg
				PCB-1254	11097-69-1	16.7	5.66	8.30	ug/Kg
				PCB-1260	11096-82-5	16.7	6.29	8.30	ug/Kg
				PCB-1262	37324-23-5	16.7	5.47	8.30	ug/Kg
				Tetrachloro-m-xylene	877-09-8				ug/Kg
				DCB Decachlorobiphenyl	2051-24-3				ug/Kg
PCBs Water	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	8082A	3510C_LVI	PCB-1016	12674-11-2	0.400	0.0670	0.200	ug/L
				PCB-1221	11104-28-2	0.400	0.200	0.200	ug/L
				PCB-1232	11141-16-5	0.400	0.200	0.200	ug/L
				PCB-1242	53469-21-9	0.400	0.200	0.200	ug/L
				PCB-1248	12672-29-6	0.400	0.200	0.200	ug/L
				PCB-1254	11097-69-1	0.400	0.200	0.200	ug/L

Analysis Group	Method Description	Method Code	Prep Method	Analyte Description	CAS Number	RL	MDL	LOD	Units
				PCB-1260	11096-82-5	0.400	0.0700	0.200	ug/L
				PCB-1262	37324-23-5	0.400	0.200	0.200	ug/L
				Tetrachloro-m-xylene	877-09-8				ug/L
				DCB Decachlorobiphenyl	2051-24-3				ug/L

Pesticides Soil	Organochlorine Pesticides (GC)	8081B	3541	4,4'-DDD	72-54-8	1.70	0.907	1.00	ug/Kg
				4,4'-DDE	72-55-9	1.70	0.869	1.00	ug/Kg
				4,4'-DDT	50-29-3	1.70	0.801	0.880	ug/Kg
				Aldrin	309-00-2	1.70	1.17	1.20	ug/Kg
				alpha-BHC	319-84-6	1.70	0.950	1.00	ug/Kg
				cis-Chlordane	5103-71-9	1.70	0.902	1.00	ug/Kg
				beta-BHC	319-85-7	1.70	1.36	1.40	ug/Kg
				Chlordane (technical)	12789-03-6	6.70	3.20	3.30	ug/Kg
				delta-BHC	319-86-8	1.70	0.807	0.830	ug/Kg
				Dieldrin	60-57-1	1.70	0.882	1.00	ug/Kg
				Endosulfan I	959-98-8	1.70	0.912	1.00	ug/Kg
				Endosulfan II	33213-65-9	1.70	0.925	1.00	ug/Kg
				Endosulfan sulfate	1031-07-8	1.70	0.934	1.00	ug/Kg
				Endrin	72-20-8	1.70	0.861	1.00	ug/Kg
				Endrin aldehyde	7421-93-4	1.70	0.962	1.00	ug/Kg
				Endrin ketone	53494-70-5	1.70	0.821	0.830	ug/Kg
				gamma-BHC (Lindane)	58-89-9	1.70	0.840	1.00	ug/Kg
				trans-Chlordane	5103-74-2	1.70	0.971	1.00	ug/Kg
				Heptachlor	76-44-8	1.70	0.913	1.00	ug/Kg
				Methoxychlor	72-43-5	8.30	1.11	4.20	ug/Kg
				Toxaphene	8001-35-2	16.7	6.74	8.30	ug/Kg
				DCB Decachlorobiphenyl	2051-24-3				ug/Kg
				Tetrachloro-m-xylene	877-09-8				ug/Kg

Pesticides Water	Organochlorine Pesticides (GC)	8081B	3510C_LVI	4,4'-DDD	72-54-8	0.0400	0.0314	0.0400	ug/L
				4,4'-DDE	72-55-9	0.0400	0.0225	0.0400	ug/L
				4,4'-DDT	50-29-3	0.0400	0.0322	0.0400	ug/L
				Aldrin	309-00-2	0.0400	0.0312	0.0400	ug/L
				alpha-BHC	319-84-6	0.0400	0.0146	0.0200	ug/L
				cis-Chlordane	5103-71-9	0.0400	0.0280	0.0400	ug/L
				beta-BHC	319-85-7	0.0400	0.0280	0.0400	ug/L
				Chlordane (technical)	12789-03-6	0.0800	0.0800	0.0800	ug/L
				delta-BHC	319-86-8	0.0400	0.0244	0.0400	ug/L
				Dieldrin	60-57-1	0.0400	0.0245	0.0400	ug/L
				Endosulfan I	959-98-8	0.0400	0.0253	0.0400	ug/L
				Endosulfan II	33213-65-9	0.0400	0.0385	0.0400	ug/L
				Endosulfan sulfate	1031-07-8	0.0400	0.0204	0.0400	ug/L
				Endrin	72-20-8	0.0400	0.0272	0.0400	ug/L
				Endrin aldehyde	7421-93-4	0.0400	0.0354	0.0400	ug/L

Analysis Group	Method Description	Method Code	Prep Method	Analyte Description	CAS Number	RL	MDL	LOD	Units
				Endrin ketone	53494-70-5	0.0400	0.0397	0.0400	ug/L
				gamma-BHC (Lindane)	58-89-9	0.0400	0.0325	0.0400	ug/L
				trans-Chlordane	5103-74-2	0.0400	0.0321	0.0400	ug/L
				Heptachlor	76-44-8	0.0400	0.0345	0.0400	ug/L
				Methoxychlor	72-43-5	0.0800	0.0654	0.0800	ug/L
				Toxaphene	8001-35-2	0.400	0.391	0.400	ug/L
				DCB Decachlorobiphenyl	2051-24-3				ug/L
				Tetrachloro-m-xylene	877-09-8				ug/L
GRO DRO ERO Soil	Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)	8015C_GRO	5035A_FP	IN GRO (C5-C12)	STL00349	0.0200	0.0100	0.0100	mg/Kg
				a,a,a-Trifluorotoluene	98-08-8				mg/Kg
				4-Bromofluorobenzene	460-00-4				mg/Kg
GRO DRO ERO Soil	Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	8015C_DRO	3541	Diesel Range Organics [C10-C28]	STL00143	8.30	2.46	4.20	mg/Kg
				2-Fluorobiphenyl	321-60-8				mg/Kg
				o-Terphenyl	84-15-1				mg/Kg
GRO DRO ERO Soil	Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	8015C_DRO	3541	Oil Range Organics (C28-C36)	STL00923	16.7	8.40	8.40	mg/Kg
				2-Fluorobiphenyl	321-60-8				mg/Kg
				o-Terphenyl	84-15-1				mg/Kg
GRO DRO ERO Water	Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)	8015C_GRO	5030C	Gasoline Range Organics (C6-C9)	STL00215	20.0	10.0	10.0	ug/L
				a,a,a-Trifluorotoluene	98-08-8				mg/L
				4-Bromofluorobenzene	460-00-4				mg/L
GRO DRO ERO Water	Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	8015C_DRO	3510C_LVI	DRO (C10-C28)	STL00143	0.400	0.102	0.200	mg/L
				2-Fluorobiphenyl	321-60-8				mg/L
				o-Terphenyl	84-15-1				mg/L
GRO DRO ERO Water	Diesel Range Organics (DRO) (GC)	8015D_DRO	3510C_LVI	Oil Range Organics (C28-C36)	STL00923	0.800	0.400	0.400	mg/L
				o-Terphenyl (Surr)	84-15-1				mg/L
				2-Fluorobiphenyl	321-60-8				mg/L

Analysis Group	Method Description	Method Code	Prep Method	Analyte Description	CAS Number	RL	MDL	LOD	Units
Organophos Pesticides Soil	Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique	8141B	3541_7d	Azinphos-methyl	86-50-0	33.0	16.7	33.0	ug/Kg
				Bolstar	35400-43-2	33.0	16.1	33.0	ug/Kg
				Chlorpyrifos	2921-88-2	33.0	16.3	33.0	ug/Kg
				Coumaphos	56-72-4	33.0	17.2	33.0	ug/Kg
				Demeton, Total	8065-48-3	66.0	22.8	33.0	ug/Kg
				Diazinon	333-41-5	33.0	14.0	33.0	ug/Kg
				Dichlorvos	62-73-7	33.0	23.7	33.0	ug/Kg
				Dimethoate	60-51-5	33.0	18.7	33.0	ug/Kg
				Disulfoton	298-04-4	33.0	21.9	33.0	ug/Kg
				EPN	2104-64-5	33.0	23.2	33.0	ug/Kg
				Mocap	13194-48-4	33.0	10.2	33.0	ug/Kg
				Famphur	52-85-7	33.0	17.7	33.0	ug/Kg
				Fensulfthion	115-90-2	33.0	28.3	33.0	ug/Kg
				Fenthion	55-38-9	33.0	14.0	33.0	ug/Kg
				Malathion	121-75-5	33.0	20.0	33.0	ug/Kg
				Parathion	56-38-2	33.0	18.4	33.0	ug/Kg
				Methyl parathion	298-00-0	33.0	19.0	33.0	ug/Kg
				Mevinphos	7786-34-7	33.0	28.0	33.0	ug/Kg
				Phorate	298-02-2	33.0	11.2	33.0	ug/Kg
				Ronnel	299-84-3	33.0	16.3	33.0	ug/Kg
				Stirophos	22248-79-9	33.0	17.5	33.0	ug/Kg
				Sulfotepp	3689-24-5	33.0	12.9	33.0	ug/Kg
				Thionazin	297-97-2	33.0	14.0	33.0	ug/Kg
				Tokuthion	34643-46-4	33.0	3.70	33.0	ug/Kg
				Trichloronate	327-98-0	33.0	15.6	33.0	ug/Kg
				O,O,O-Triethyl phosphorothioate	126-68-1	33.0	15.9	33.0	ug/Kg
				Tributyl phosphate	126-73-8				ug/Kg
				Triphenylphosphate	115-86-6				ug/Kg

Organophos Pesticides Water	Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique	8141B	3510C	Azinphos-methyl	86-50-0	1.00	0.256		ug/L
				Bolstar	35400-43-2	1.00	0.504		ug/L
				Chlorpyrifos	2921-88-2	1.00	0.226		ug/L
				Coumaphos	56-72-4	1.00	0.498		ug/L
				Demeton, Total	8065-48-3	2.00	0.161		ug/L
				Diazinon	333-41-5	1.00	0.180		ug/L
				Dichlorvos	62-73-7	1.00	0.256		ug/L
				Dimethoate	60-51-5	1.00	0.218		ug/L
				Disulfoton	298-04-4	1.00	0.237		ug/L
				EPN	2104-64-5	1.00	0.256		ug/L
				Mocap	13194-48-4	1.00	0.161		ug/L

Analysis Group	Method Description	Method Code	Prep Method	Analyte Description	CAS Number	RL	MDL	LOD	Units
				Famphur	52-85-7	1.00	0.456		ug/L
				Fensulfothion	115-90-2	1.00	0.280		ug/L
				Fenthion	55-38-9	1.00	0.509		ug/L
				Malathion	121-75-5	1.00	0.213		ug/L
				Parathion	56-38-2	1.00	0.404		ug/L
				Methyl parathion	298-00-0	1.00	0.171		ug/L
				Mevinphos	7786-34-7	1.00	0.442		ug/L
				Phorate	298-02-2	1.00	0.178		ug/L
				Ronnel	299-84-3	1.00	0.228		ug/L
				Stirophos	22248-79-9	1.00	0.164		ug/L
				Sulfotepp	3689-24-5	1.00	0.152		ug/L
				Thionazin	297-97-2	1.00	0.371		ug/L
				Tokuthion	34643-46-4	1.00	0.220		ug/L
				Trichloronate	327-98-0	1.00	0.253		ug/L
				O,O,O-Triethyl phosphorothioate	126-68-1	1.00	0.634		ug/L
				Tributyl phosphate	126-73-8				ug/L
				Triphenylphosphate	115-86-6				ug/L

Herbicides Soil	Herbicides (GC)	8151A	8151A_SP	Dicamba	1918-00-9	33.0	7.12	16.7	ug/Kg
				Dichlorprop	120-36-5	33.0	8.16	16.7	ug/Kg
				2,4-D	94-75-7	33.0	7.92	16.7	ug/Kg
				Silvex (2,4,5-TP)	93-72-1	33.0	7.48	16.7	ug/Kg
				2,4,5-T	93-76-5	33.0	6.63	16.7	ug/Kg
				2,4-DB	94-82-6	33.0	9.79	16.7	ug/Kg
				DCAA	19719-28-9				ug/Kg

Herbicides Water	Herbicides (GC)	8151A	8151A_AP	Dicamba	1918-00-9	1.00	0.364	0.500	ug/L
				Dichlorprop	120-36-5	1.00	0.376	0.500	ug/L
				2,4-D	94-75-7	1.00	0.540	0.540	ug/L
				Silvex (2,4,5-TP)	93-72-1	1.00	0.127	0.500	ug/L
				2,4,5-T	93-76-5	1.00	0.138	0.500	ug/L
				2,4-DB	94-82-6	1.00	0.376	0.500	ug/L
				DCAA	19719-28-9				ug/L

Ag Pests Soil	Semivolatile Organic Compounds (GC/MS)	8270E_AgChem	3546	Acetochlor	34256-82-1	200	42.0		ug/Kg
				Alachlor	15972-60-8	200	38.0		ug/Kg
				Atrazine	1912-24-9	200	49.0		ug/Kg
				Azinphos-methyl	86-50-0	200	90.0		ug/Kg
				Bolstar	35400-43-2	200	26.0		ug/Kg
				Butylate	2008-41-5	200	54.0		ug/Kg
				Chlorpyrifos	2921-88-2	200	69.0		ug/Kg
				Coumaphos	56-72-4	200	100		ug/Kg
				Cyanazine	21725-46-2	200	74.0		ug/Kg

Analysis Group	Method Description	Method Code	Prep Method	Analyte Description	CAS Number	RL	MDL	LOD	Units
				Demeton, Total	8065-48-3	200	84.0		ug/Kg
				Demeton-O	298-03-3	200	37.0		ug/Kg
				Demeton-S	126-75-0	200	84.0		ug/Kg
				Desethylatrazine	6190-65-4	200	110		ug/Kg
				Desisopropylatrazine	1007-28-9	200	91.0		ug/Kg
				Diazinon	333-41-5	200	65.0		ug/Kg
				Dichlorvos	62-73-7	200	40.0		ug/Kg
				Dimethenamid	87674-68-8	200	33.0		ug/Kg
				Dimethoate	60-51-5	200	59.0		ug/Kg
				Disulfoton	298-04-4	200	38.0		ug/Kg
				EPN	2104-64-5	200	80.0		ug/Kg
				EPTC	759-94-4	200	49.0		ug/Kg
				Ethalfuralin	55283-68-6	200	62.0		ug/Kg
				Ethoprophos	13194-48-4	200	100		ug/Kg
				Ethyl parathion	56-38-2	200	160		ug/Kg
				Fensulfothion	115-90-2	200	46.0		ug/Kg
				Fenthion	55-38-9	200	47.0		ug/Kg
				Fonofos	944-22-9	200	20.0		ug/Kg
				Malathion	121-75-5	200	63.0		ug/Kg
				Methyl parathion	298-00-0	200	110		ug/Kg
				Metolachlor	51218-45-2	200	96.0		ug/Kg
				Metribuzin	21087-64-9	200	47.0		ug/Kg
				Mevinphos	7786-34-7	200	29.0		ug/Kg
				Monochrotophos	6923-22-4	200	40.0		ug/Kg
				Pendimethalin	40487-42-1	200	85.0		ug/Kg
				Phorate	298-02-2	200	74.0		ug/Kg
				Prometon	1610-18-0	200	49.0		ug/Kg
				Propachlor	1918-16-7	200	41.0		ug/Kg
				Propazine	139-40-2	200	29.0		ug/Kg
				Ronnel	299-84-3	200	49.0		ug/Kg
				Simazine	122-34-9	200	56.0		ug/Kg
				Stirofos	22248-79-9	200	71.0		ug/Kg
				Sulfotepp	3689-24-5	200	78.0		ug/Kg
				Terbufos	13071-79-9	200	60.0		ug/Kg
				Tokuthion	34643-46-4	200	75.0		ug/Kg
				Triallate	2303-17-5	200	22.0		ug/Kg
				Trichloronate	327-98-0	200	36.0		ug/Kg
				Trifluralin	1582-09-8	200	78.0		ug/Kg
				Nitrobenzene-d5 (Surr)	4165-60-0				ug/Kg
				2-Fluorobiphenyl (Surr)	321-60-8				ug/Kg
				Terphenyl-d14 (Surr)	1718-51-0				ug/Kg

Analysis Group	Method Description	Method Code	Prep Method	Analyte Description	CAS Number	RL	MDL	LOD	Units
Ag Pests Water	Semivolatile Organic Compounds (GC/MS)	8270E_AgChem	3510C	Acetochlor	34256-82-1	5.00	1.20		ug/L
				Alachlor	15972-60-8	5.00	1.70		ug/L
				Atrazine	1912-24-9	5.00	1.70		ug/L
				Azinphos-methyl	86-50-0	5.00	1.50		ug/L
				Bolstar	35400-43-2	5.00	1.40		ug/L
				Butylate	2008-41-5	5.00	0.500		ug/L
				Chlorpyrifos	2921-88-2	5.00	1.90		ug/L
				Coumaphos	56-72-4	5.00	1.50		ug/L
				Cyanazine	21725-46-2	5.00	2.00		ug/L
				Demeton, Total	8065-48-3	5.00	1.30		ug/L
				Demeton-O	298-03-3	2.50	0.380		ug/L
				Demeton-S	126-75-0	2.50	0.910		ug/L
				Desethylatrazine	6190-65-4	5.00	1.40		ug/L
				Desisopropylatrazine	1007-28-9	5.00	0.810		ug/L
				Diazinon	333-41-5	5.00	1.70		ug/L
				Dichlorvos	62-73-7	5.00	1.60		ug/L
				Dimethenamid	87674-68-8	5.00	0.610		ug/L
				Dimethoate	60-51-5	5.00	1.10		ug/L
				Disulfoton	298-04-4	5.00	1.60		ug/L
				EPN	2104-64-5	5.00	1.20		ug/L
				EPTC	759-94-4	5.00	0.590		ug/L
				Ethalfuralin	55283-68-6	5.00	0.920		ug/L
				Ethoprophos	13194-48-4	5.00	1.70		ug/L
				Ethyl parathion	56-38-2	5.00	2.20		ug/L
				Fensulfothion	115-90-2	5.00	1.30		ug/L
				Fenthion	55-38-9	5.00	1.50		ug/L
				Fonofos	944-22-9	5.00	0.740		ug/L
				Malathion	121-75-5	5.00	0.720		ug/L
				Methyl parathion	298-00-0	5.00	1.40		ug/L
				Metolachlor	51218-45-2	5.00	0.790		ug/L
				Metribuzin	21087-64-9	5.00	2.70		ug/L
				Mevinphos	7786-34-7	5.00	1.30		ug/L
				Monochrotophos	6923-22-4	5.00	0.520		ug/L
				Pendimethalin	40487-42-1	5.00	1.00		ug/L
				Phorate	298-02-2	5.00	2.20		ug/L
				Prometon	1610-18-0	5.00	1.90		ug/L
				Propachlor	1918-16-7	5.00	0.720		ug/L
				Propazine	139-40-2	5.00	1.40		ug/L
				Ronnel	299-84-3	5.00	1.50		ug/L
				Simazine	122-34-9	5.00	1.30		ug/L
				Stirofos	22248-79-9	5.00	1.60		ug/L
				Sulfotepp	3689-24-5	5.00	1.30		ug/L
				Terbufos	13071-79-9	5.00	0.520		ug/L

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Analysis Group	Method Description	Method Code	Prep Method	Analyte Description	CAS Number	RL	MDL	LOD	Units
				Tokuthion	34643-46-4	5.00	1.90		ug/L
				Triallate	2303-17-5	5.00	0.580		ug/L
				Trichloronate	327-98-0	5.00	1.40		ug/L
				Trifluralin	1582-09-8	5.00	1.10		ug/L
				Nitrobenzene-d5 (Surr)	4165-60-0				ug/L
				2-Fluorobiphenyl (Surr)	321-60-8				ug/L
				Terphenyl-d14 (Surr)	1718-51-0				ug/L

Drinking Water – Volatiles Group A: Drinking Water 524.2 VOCs List							
Analyte	CAS Number	Aqueous		SB		Acceptable Methods ³⁵	
		RL ³⁶	units	RL	units		
Acetone	67-64-1	1	ug/L	N/A	N/A	524.2	
Benzene	71-43-2	0.2	ug/L	0.5	N/A	524.2	502.2
Bromobenzene	108-86-1	0.5	ug/L	N/A	N/A	524.2	502.2
Bromochloromethane	74-97-5	0.5	ug/L	N/A	N/A	524.2	502.2
Bromodichloromethane	75-27-4	0.4	ug/L	0.5	N/A	524.2	502.2
Bromoform	75-25-2	0.6	ug/L	N/A	N/A	524.2	502.2
Bromomethane	74-83-9	1	ug/L	N/A	N/A	524.2	502.2
2-Butanone (MEK)	78-93-3	1	ug/L	5	N/A	524.2	
n-Butylbenzene	104-51-8	1	ug/L	N/A	N/A	524.2	502.2
sec-Butylbenzene	135-98-8	1	ug/L	N/A	N/A	524.2	502.2
tert-Butylbenzene	98-06-6	1	ug/L	N/A	N/A	524.2	502.2
Carbon disulfide	75-15-0	1	ug/L	5	N/A	524.2	
Carbon tetrachloride	56-23-5	1	ug/L	N/A	N/A	524.2	502.2
Chlorobenzene	108-90-7	0.5	ug/L	N/A	N/A	524.2	502.2
Chloroethane	75-00-3	0.5	ug/L	N/A	N/A	524.2	502.2
Chloroform	67-66-3	0.2	ug/L	0.5	N/A	524.2	502.2
Chloromethane	74-87-3	0.7	ug/L	N/A	N/A	524.2	502.2
2-Chlorotoluene	95-49-8	0.5	ug/L	N/A	N/A	524.2	502.2
4-Chlorotoluene	106-43-4	0.5	ug/L	N/A	N/A	524.2	502.2
Dibromochloromethane	124-48-1	0.1	ug/L	0.5	N/A	524.2	502.2
1,2-Dibromo-3-Chloropropane	96-12-8	0.05	ug/L	0.2	N/A	524.2	502.2
1,2-Dibromoethane (EDB)	106-93-4	0.1	ug/L	0.2	N/A	524.2	502.2
Dibromomethane	74-95-3	1	ug/L	N/A	N/A	524.2	502.2
1,2-Dichlorobenzene	95-50-1	0.5	ug/L	N/A	N/A	524.2	502.2
1,3-Dichlorobenzene	541-73-1	0.5	ug/L	N/A	N/A	524.2	502.2
1,4-Dichlorobenzene	106-46-7	0.2	ug/L	N/A	N/A	524.2	502.2
Dichlorodifluoromethane	75-71-8	1	ug/L	0.5	N/A	524.2	502.2
1,1-Dichloroethane	75-34-3	0.5	ug/L	N/A	N/A	524.2	502.2
1,2-Dichloroethane	107-06-2	0.5	ug/L	N/A	N/A	524.2	502.2
1,1-Dichloroethene	75-35-4	0.5	ug/L	N/A	N/A	524.2	502.2
cis-1,2-Dichloroethene	156-59-2	0.5	ug/L	N/A	N/A	524.2	502.2
trans-1,2-Dichloroethene	156-60-5	0.5	ug/L	N/A	N/A	524.2	502.2
1,2-Dichloropropane	78-87-5	0.1	ug/L	0.5	N/A	524.2	502.2
1,3-Dichloropropane	142-28-9	0.5	ug/L	N/A	N/A	524.2	502.2
2,2-Dichloropropane	590-20-7	0.5	ug/L	N/A	N/A	524.2	502.2
1,1-Dichloropropene	563-58-6	0.5	ug/L	N/A	N/A	524.2	502.2
cis-1,3-Dichloropropene	10061-01-5	0.1	ug/L	0.5	N/A	524.2	502.2
trans-1,3-Dichloropropene	10061-02-6	0.1	ug/L	0.5	N/A	524.2	502.2
Ethylbenzene	100-41-4	0.5	ug/L	N/A	N/A	524.2	502.2
Hexachlorobutadiene	87-68-3	0.5	ug/L	N/A	N/A	524.2	502.2
2-Hexanone (MBK)	591-78-6	1	ug/L	5	N/A	524.2	
Isopropylbenzene	98-82-8	1	ug/L	N/A	N/A	524.2	502.2

Methyl-t-butyl ether (MTBE)	1634-04-4	0.5	ug/L	N/A	N/A	524.2	502.2
Methylene chloride	75-09-2	0.5	ug/L	N/A	N/A	524.2	502.2
4-Methyl-2-pentanone (MIBK)	108-10-1	1	ug/L	N/A	N/A	524.2	
Naphthalene	91-20-3	0.5	ug/L	N/A	N/A	524.2	502.2
2-Nitropropane	79-46-9	0.5	ug/L	N/A	N/A	524.2	
n-Propylbenzene	103-65-1	1	ug/L	N/A	N/A	524.2	502.2
Styrene	100-42-5	0.5	ug/L	N/A	N/A	524.2	502.2
1,1,1,2-Tetrachloroethane	630-20-6	0.5	ug/L	N/A	N/A	524.2	502.2
1,1,2,2-Tetrachloroethane	79-34-5	0.5	ug/L	N/A	N/A	524.2	502.2
Tetrachloroethene	127-18-4	0.5	ug/L	N/A	N/A	524.2	502.2
Toluene	108-88-3	0.5	ug/L	N/A	N/A	524.2	502.2
1,2,3-Trichlorobenzene	87-61-6	0.5	ug/L	N/A	N/A	524.2	502.2
1,2,4-Trichlorobenzene	120-82-1	0.5	ug/L	N/A	N/A	524.2	502.2
1,1,1-Trichloroethane	71-55-6	0.5	ug/L	N/A	N/A	524.2	502.2
1,1,2-Trichloroethane	79-00-5	0.5	ug/L	N/A	N/A	524.2	502.2
Trichloroethene	79-01-6	0.5	ug/L	N/A	N/A	524.2	502.2
Trichlorofluoromethane	75-69-4	0.5	ug/L	N/A	N/A	524.2	502.2
1,2,3-Trichloropropane	96-18-4	0.5	ug/L	N/A	N/A	524.2	502.2
1,2,4-Trimethylbenzene	95-63-6	1	ug/L	N/A	N/A	524.2	502.2
1,3,5-Trimethylbenzene	108-67-8	1	ug/L	N/A	N/A	524.2	502.2
Vinyl chloride	75-01-4	0.5	ug/L	N/A	N/A	524.2	502.2
o-Xylene	95-47-6	0.5	ug/L	N/A	N/A	524.2	502.2
m-Xylene	108-38-3	0.5	ug/L	N/A	N/A	524.2	502.2
p-Xylene	106-42-3	0.5	ug/L	N/A	N/A	524.2	502.2

Drinking Water – Semi-volatiles Group A: Method 525.2 SVOC Extractables List								
Analyte	CAS Number	Aqueous		SB		Acceptable Methods ³⁷		
		RL ³⁸	units	RL	units			
Acenaphthylene	208-96-8	1	ug/L	N/A	N/A	525.2	550.1	
Anthracene	120-12-7	1	ug/L	N/A	N/A	525.2	550.1	
Benzo[a]anthracene	56-55-3	0.5	ug/L	N/A	N/A	525.2	550.1	
Benzo[b]fluoranthene	205-99-2	0.2	ug/L	N/A	N/A	525.2	550.1	
Benzo[k]fluoranthene	207-08-9	0.5	ug/L	N/A	N/A	525.2	550.1	
Benzo[g,h,i]perylene	191-24-2	2	ug/L	N/A	N/A	525.2	550.1	
Benzo[a]pyrene	50-32-8	0.2	ug/L	N/A	N/A	525.2	550.1	
Butyl benzyl phthalate	85-68-7	10	ug/L	N/A	N/A	525.2	506	
Chrysene	218-01-9	1	ug/L	N/A	N/A	525.2	550.1	
Dibenzo[a,h]anthracene	53-70-3	0.1	ug/L	N/A	N/A	525.2	550.1	
Di-n-butylphthalate	84-74-2	10	ug/L	N/A	N/A	525.2	506	
Diethyl phthalate	84-66-2	10	ug/L	N/A	N/A	525.2	506	
Di(2-ethylhexyl) adipate	103-23-1	10	ug/L	N/A	N/A	525.2	506	
Di(2-ethylhexyl) phthalate	117-81-7	1	ug/L	N/A	N/A	525.2	525.1	506
Dimethyl phthalate	131-11-3	10	ug/L	N/A	N/A	525.2	506	
2,4-Dinitrotoluene	121-14-2	0.5	ug/L	N/A	N/A	525.2	609	
2,6-Dinitrotoluene	606-20-2	0.5	ug/L	N/A	N/A	525.2	609	
Fluorene	86-73-7	10	ug/L	N/A	N/A	525.2	550.1	
Hexachlorobenzene	118-74-1	0.2	ug/L	N/A	N/A	525.2	505	508.1
Hexachlorocyclopentadiene	77-47-4	5	ug/L	N/A	N/A	525.2	505	508.1
Indeno[1,2,3-cd] pyrene	193-39-5	0.02	ug/L	0.1	N/A	525.2	550.1	
Isophorone	78-59-1	10	ug/L	N/A	N/A	525.2	609	
Pentachlorophenol	87-86-5	0.2	ug/L	N/A	N/A	525.2	515.1	\$15.3 or \$15.4
Phenanthrene	85-01-8	1	ug/L	N/A	N/A	525.2	550.1	
Pyrene	129-00-0	10	ug/L	N/A	N/A	525.2	550.1	

Can not do this via a compliance method

Can not do this via a compliance method

Method : _Modified TO-15 SIM Std 25 + Naphthalene

Compound	Rpt. Limit (ug/m3)
Freon 12	0.099
Freon 114	0.14
Chloromethane	1.0
Vinyl Chloride	0.026
Chloroethane	0.13
1,1-Dichloroethene	0.040
trans-1,2-Dichloroethene	0.40
Methyl tert-butyl ether	0.36
1,1-Dichloroethane	0.081
cis-1,2-Dichloroethene	0.079
Chloroform	0.098
1,1,1-Trichloroethane	0.11
Carbon Tetrachloride	0.12
Benzene	0.16
1,2-Dichloroethane	0.081
Trichloroethene	0.11
Toluene	0.19
1,1,2-Trichloroethane	0.11
Tetrachloroethene	0.14
1,2-Dibromoethane (EDB)	0.15
Ethyl Benzene	0.087
m,p-Xylene	0.17
o-Xylene	0.087
1,1,2,2-Tetrachloroethane	0.14
1,4-Dichlorobenzene	0.12
Naphthalene	0.26

Surrogate	Method Limits
1,2-Dichloroethane-d4	70-130
Toluene-d8	70-130
4-Bromofluorobenzene	70-130

Reporting Limits cited do not take into account sample dilution due to canister pressurization.

Method : TO-15 + Naph & TPHg

Compound	Rpt. Limit (ug/m3)
Freon 12	2.5
Freon 114	3.5
Chloromethane	10
Vinyl Chloride	1.3
1,3-Butadiene	1.1
Bromomethane	19
Chloroethane	5.3
Freon 11	2.8
Ethanol	9.4
Freon 113	3.8
1,1-Dichloroethene	2.0
Acetone	12
2-Propanol	4.9
Carbon Disulfide	6.2
3-Chloropropene	6.3
Methylene Chloride	17
Methyl tert-butyl ether	7.2
trans-1,2-Dichloroethene	2.0
Hexane	1.8
1,1-Dichloroethane	2.0
2-Butanone (Methyl Ethyl Ketone)	5.9
cis-1,2-Dichloroethene	2.0
Tetrahydrofuran	1.5
Chloroform	2.4
1,1,1-Trichloroethane	2.7
Cyclohexane	1.7
Carbon Tetrachloride	3.1
2,2,4-Trimethylpentane	2.3
Benzene	1.6
1,2-Dichloroethane	2.0
Heptane	2.0
Trichloroethene	2.7
1,2-Dichloropropane	2.3
1,4-Dioxane	7.2
Bromodichloromethane	3.4
cis-1,3-Dichloropropene	2.3
4-Methyl-2-pentanone	2.0
Toluene	1.9
trans-1,3-Dichloropropene	2.3
1,1,2-Trichloroethane	2.7
Tetrachloroethene	3.4
2-Hexanone	8.2

Reporting Limits cited do not take into account sample dilution due to canister pressurization.

Method : TO-15 + Naph & TPHg

Compound	Rpt. Limit (ug/m3)
Dibromochloromethane	4.2
1,2-Dibromoethane (EDB)	3.8
Chlorobenzene	2.3
Ethyl Benzene	2.2
m,p-Xylene	2.2
o-Xylene	2.2
Styrene	2.1
Bromoform	5.2
Cumene	2.4
1,1,2,2-Tetrachloroethane	3.4
Propylbenzene	2.4
4-Ethyltoluene	2.4
1,3,5-Trimethylbenzene	2.4
1,2,4-Trimethylbenzene	2.4
1,3-Dichlorobenzene	3.0
1,4-Dichlorobenzene	3.0
alpha-Chlorotoluene	2.6
1,2-Dichlorobenzene	3.0
1,2,4-Trichlorobenzene	15
Hexachlorobutadiene	21
Naphthalene	5.2
TPH ref. to Gasoline (MW=100)	200

Surrogate	Method Limits
Toluene-d8	70-130
1,2-Dichloroethane-d4	70-130
4-Bromofluorobenzene	70-130

Reporting Limits cited do not take into account sample dilution due to canister pressurization.

Eurofins Air Toxics, LLC	Title: Variance Table Template			Release Date: 05/30/18
	Form #: F1.52	Revision #: 5	Revision Date: 05/30/18	Page #: Page 1 of 4

File Name: O:\Variances\2021\0821-019

Profile: TBD

Date: 08-27-21

Initials: HH

Reviewer Initials:

**Eurofins Air Toxics, LLC
Variance Requests**

Client/Project Name: Eurofins Test America/IDEM OLQ
Documents Reviewed: Attachment J Technical Specifications, SOW
Methods Requested: TO-15, TO-15 SIM

Item	Parameter	Scope of Work	Eurofins Air Toxics SOP	Approval
1	III.Protocol Analyte Lists; Introduction, C. USEPA indoor air and ambient air	Contractors awarded contracts for this protocol shall keep up to date with method revisions, technical notes, and newly developed methods as they become available. (Note: Method TO-15A is now available for use.)	Samples will be analyzed following EPA TO-15 utilizing either the laboratory's routine Scan method or SIM method.	
2	IV.Sample Containers, preservatives, holding times; B.Sample container Specifications- Indoor air and ambient air protocol 3).	The contractor shall provide prepared sample containers that must reach the State to allow timely sample collection by State personnel	Advance notice regarding media needs of at least 1 week is recommended specifically if individually certified equipment is needed.	
3	IV.Sample Containers, preservatives, holding times; B.Sample container Specifications- Indoor air and ambient air protocol 5).	The holding time...[is] measured from time and date of sampling completed to the time and date laboratory analysis begins.	Holding time is calculated based on days, not hours and minutes.	
4	V.Reporting Requirements, analytical reports	Level 3 for all reports, Level 4 for enforcement level	Reports will be provided as level 4 in a bookmarked pdf format to easily navigate to Level 3 content.	
5	V.Reporting Requirements, electronic document submittals for laboratory case narratives	The contractor shall submit files with a document identification page that includes the document title and data.	Laboratory Case narrative is not a standalone document and is included in the laboratory's pdf report and Level 4 validation package.	
6	V.Reporting Requirements, electronic submittals for monitoring and sampling data	Electronic copy of sampling results with noted fields and format	Lab will provide a TALS transfer file.	
7	V.Reporting Requirements, analytical	Signed original chain-of-custody	Electronic reports will be provided in pdf format with	

Eurofins Air Toxics, LLC	Title: Variance Table Template			Release Date: 05/30/18
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Client/Project Name: Eurofins Test America/IDEM OLQ
Documents Reviewed: Attachment J Technical Specifications, SOW
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Item	Parameter	Scope of Work	Eurofins Air Toxics SOP	Approval
	reports		an electronic copy of the COC in the package.	
8	VI Deliverables List; 1. General Requirements	Data must be provided in the sequence described in the Deliverables List.	The sequence of documentation reported in the TO-15 packages is programmed by the LIMs module and is not currently modifiable. The package includes items listed in the general requirements section.	
9	VI Deliverables List; 1. General Requirements 2.B. Organic Analysis Deliverables GC/MS	TICS detected in each sample and blank should be reported and included in the raw data for scan methods	The top 10 TICs will be reported for TO-15 scan data.	
10	XIV. USEPA Indoor Air and Ambient Air Protocol, 2. Initial Calibration	At least one standard must be at a concentration as low or lower than regulatory or health protective levels to which sample concentrations will be compared.	No target list or RL requirements are included in the technical specification document. Several VOCs have risk-based screening levels that are below the sensitivity of conventional SIM and/or may be present at trace levels in the equipment/instrumentation. Depending on the requested level for a given VOC, this requirement may not be met.	
11	XIV. USEPA Indoor Air and Ambient Air Protocol, 2. Initial Calibration. a. (1)	%RSD \leq 30%	For routine TO-15 list, lab applies % RSD \leq 30 with 2 compounds allowed out to \leq 40% RSD per TO-15.	
12	XIV. USEPA Indoor Air and Ambient Air Protocol, 2. Initial Calibration. a. (3)	If there is poor resolution between peaks, corrective action is required before analysis can begin.	Given the various calibration standards analyzed with a long list of VOCs, not all peaks may be baseline	

Eurofins Air Toxics, LLC	Title: Variance Table Template			Release Date: 05/30/18
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**Eurofins Air Toxics, LLC
Variance Requests**

Client/Project Name: Eurofins Test America/IDEM OLQ
Documents Reviewed: Attachment J Technical Specifications, SOW
Methods Requested: TO-15, TO-15 SIM

Item	Parameter	Scope of Work	Eurofins Air Toxics SOP	Approval
			resolved. However, unique extracted mass ions for quantification and qualification must be present for each closely eluting compound before analysis can begin.	
13	XIV. USEPA Indoor Air and Ambient Air Protocol, 3. Calibration Verification	A minimum of one calibration verification should be reported after every sample set of 10 samples.	The analytical batch is up to 20 field samples with a BFB, CCV, LCS, LCSD, and Lab Blank analyzed prior to the field samples. A calibration verification standard is not analyzed after every set of 10 samples.	
14	XIV. USEPA Indoor Air and Ambient Air Protocol, 3. Calibration Verification b. (2)	CCV within $\pm 30\%D$. If criteria are not met for any one compound, then corrective action must be taken prior to the analysis of samples.	For routine VOC list, the laboratory's corrective action is as follows: Compounds exceeding this criterion and associated data will be flagged and narrated with the exception of high bias associated with non-detects. If more than 2 compounds from the standard list recover outside of 70–130% or >10% of VOCs if short list is used (20 compounds or less), corrective action will be taken. If any compound exceeds 60–140%, samples are not analyzed unless data meets project needs.	
15	XIV. USEPA Indoor Air and Ambient Air Protocol, 3. Calibration	The retention time shift for each of the internal standards at each calibration level must be within	The lab employs a 20 second window specified by TO-15.	

Eurofins Air Toxics, LLC	Title: Variance Table Template			Release Date: 05/30/18
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Eurofins Air Toxics, LLC
Variance Requests

Client/Project Name: Eurofins Test America/IDEM OLQ
Documents Reviewed: Attachment J Technical Specifications, SOW
Methods Requested: TO-15, TO-15 SIM

Item	Parameter	Scope of Work	Eurofins Air Toxics SOP	Approval
	Verification b. (3)	2 seconds of the mean RT over the initial calibration range.		
16	XIV. USEPA Indoor Air and Ambient Air Protocol, 4. Blanks b. (4)	The contractor must report results of all method blank analyses.	Only the initial method blank analyzed prior to field samples is reported in the final report.	
17	XIV. USEPA Indoor Air and Ambient Air Protocol, 5. Internal Standards b.	The retention times for each internal standard in the sample should be within ± 20 seconds of the average RT for each IS in the ICAL.	The retention times for each internal standard in the sample should be within ± 20 seconds of the RT for each IS in the daily CCV.	
18	XIV. USEPA Indoor Air and Ambient Air Protocol, 6. LCS/SSCV	% Recovery = 70-130%	For routine TO-15 list, recoveries must be 70-130% for 85% of the standard, routine compounds. No recovery may be <50%.	
19	SOW Task E	Submission of reports using SharePoint	Lab will provide Level 4 pdf, level 2 pdf, TALS transfer file to TA. Submission of required documents/format to Sharepoint will be conducted by TA.	