



SURF! Busway and Bus Rapid Transit (BRT) Project

Monterey-Salinas Transit

Early Work Package

And

Long Lead Item

Report

Ballast and Soil Analytical Testing Results

May 23, 2024

By

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1. Update

The purpose of this update is to provide the results of the Soil and Ballast testing performed on 4/29/2024.

Enclosed you will find the following:

Ballast environmental data analysis and supporting analytical report.

Soil environmental data analysis and supporting analytical report.



Project Name: MST Ballast
Project Address: Marina through Sand City, CA

Lab Report #: 506597
Sample Date: 4/17/2024

	ReGen STLC Trigger mg/kg	Tier 1 2019	Residential 2019	Commercial 2019	GRB 1	GRB 2	GRB 3	GRB 4	GRB 5	GRB 6	GRB 7	GRB 9	GRB 10
Metals 6010B mg/kg													
Sb - Antimony	0.6	11	11	160	ND	ND	ND	ND	ND	ND	ND	ND	ND
As - Arsenic	5	0.067	0.067	0.31	0.42	2.5	0.76	0.81	15	7	5.5	2	3.4
Ba - Barium	100	390	15000	220000	66	50	38	27	14	100	18	49	15
Be - Beryllium	0.4	5	16	230	0.091	0.092	0.082	0.057	0.12	0.17	0.13	0.1	0.097
Cd - Cadmium	0.5	1.9	78	1100	ND	0.045	ND	ND	0.22	0.13	0.1	ND	0.079
Cr - Chromium (Total)	5	160	-	-	5.8	15	8.9	8.9	12	24	30	15	18
Co - Cobalt	5	23	23	350	10	8.1	13	9.5	2.2	6.4	5.2	6.5	2.5
Cu - Copper	200	180	3100	47000	100	71	88	88	16	40	30	50	9.5
Pb - Lead	5	32	80	320	7.2	40	14	22	12	4.8	7	8	4.9
Hg - Mercury (7471B)	0.2	13	13	190	0.057	0.041	ND	ND	ND	0.24	0.052	0.091	0.071
Mo - Molybdenum	1	6.9	390	5800	343	0.9	0.43	0.56	0.53	0.67	0.78	0.34	0.3
Ni - Nickel	10	86	820	11000	2.9	9.2	4.1	4.9	10	35	25	7.7	12
Se - Selenium	1	2.4	390	5800	1.5	1.2	1.9	1.1	ND	0.94	0.86	0.93	ND
Ag - Silver	5	25	390	5800	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tl - Thallium	0.05	0.78	0.78	12	ND	ND	ND	ND	ND	ND	ND	ND	ND
V - Vanadium	2	18	390	5800	120	90	150	94	15	47	31	70	22
Zn - Zinc	2000	340	23000	350000	29	40	38	30	35	50	17	24	13
TPH 8260TPH mg/kg													
TPHg		100	430	2000	ND	ND	ND	ND	ND	ND	ND	ND	ND
TPH 8015B mg/kg													
TPHd		260	260	1200	ND	44	4.1	4.8	27	630	11	7.9	6.7
TPHmo		1600	12000	200000	ND	120	4	5.4	30	540	10	9.1	6.5
Pesticides 8081B ug/kg													
Alpha BHC (Alpha Hexachlorocyclohexane)		--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta BHC (Beta Hexachlorocyclohexane)		--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Delta BHC (Delta Hexachlorocyclohexane)		--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma BHC (Lindane)		7.4	550	25000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor		120	120	530	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin		2.4	35	150	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor Epoxide		0.18	620	280	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I		9.8	419510	5783990	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin		0.46	37	160	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4-DDE		330	1800	8300	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin		1.1	21000	290000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II		--	419510	5783990	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate		--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4-DDD		2700	2700	12000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin Aldehyde		--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin Ketone		--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4-DDT		1.1	1900	8500	ND	4.8	ND	ND	ND	ND	ND	ND	ND
Methoxychlor		13	350000	4800000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene		510	510	2200	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlordane		8.5	480	2200	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCBs 8082A ug/kg													
Aroclor1016		230	230	230	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor1221		230	230	230	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor1232		230	230	230	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor1242		230	230	230	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor1248		230	230	230	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor1254		230	230	230	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor1260		230	230	230	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor1262		230	230	230	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor1268		230	230	230	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs		230	230	940	0	0	0	0	0	0	0	0	0
VOCs 8260B ug/kg													
1,1,1,2-Tetrachloroethane		17	2000	8900	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane		7000	1700000	7300000	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane		18	610	2700	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-Trifluoroethane		--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane		76	1200	5100	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane		200	3600	16000	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene		540	83000	350000	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene		--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene		--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane		0.11	23	110	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene		1200	24000	110000	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene		--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane		0.59	4.4	59	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane (Ethylene Dibromide)		0.53	36	160	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene		1000	1800000	9400000	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane		7	470	2100	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane		65	1000	4400	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene (Mesitylene)		--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene		6000	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropene		17	100	300	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene		200	2600	12000	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4 - Dioxane		0.17	812290	4541690	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane (2,2-DCP)		--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone		--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene		--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone (MBK)		--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene		--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone		920	61,000,000	670,000,000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene		25	330	1400	ND	2.7	ND	ND	ND	ND	ND	ND	ND
Bromobenzene		--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane		--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane (BDCM)		16	290	1300	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform		690	18000	80000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane		360	6900	30000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butane, 2-Methoxy-2-Methyl		--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide		--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride		76	620	2700	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene		1400	270,000	1300000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane		1200	14000000	59000000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform		23	320	1400	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane		11000	110000	470000	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene		190	19000	85000	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene		--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cymene		--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane (DBCM)		350	8300	39000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane		--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane		--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-isopropyl ether (DIPE)		--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Tert-Butyl Ether (ETBE)		--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene		430	5900	26000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Freon 113		--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene		28	1200	5300									

Chrysene	--	1100	--	4	150	20	7.9	11	ND	13	3.4	750
Benzo[b]fluoranthene	1100	1100	--	7.1	340	35	15	45	ND	46	6.8	600
Benzo[k]fluoranthene	1100	1100	--	7.1	87	10	4.3	12	ND	11	1.9	240
Benzo[a]pyrene	110	110	2100	2.3	50	4.1	3.7	61	ND	30	2.4	220
Indeno[1,2,3-cd]pyrene	480	1100	--	ND	80	9.5	4.8	12	ND	43	3.7	180
Dibenz[a,h]anthracene	110	110	--	ND	18	ND	ND	ND	ND	6.5	ND	36
Benzo[g,h,i]perylene	2500	--	--	1.7	77	99	6.9	17	ND	43	6.9	200
PAH, Total	--	--	--	22.2	1317	221.2	94.4	342.6	0	298.8	49.8	4667
Asbestos %												
CARB 435A	--	--	--	ND			ND		ND		ND	

ND = Non-Detect

-- = Value not established

- = Not tested

STLC Result (CA Title 22 Trigger Level reached)

STLC Required for ReGen Monterey Landfill

Over Residential ESLs; OK for Commercial/Industrial

* Values highlighted indicate an exceedance for corresponding screening levels.



	ReGen STLC Trigger mg/kg	Tier 1 2019	Residential 2019	Commercial 2019	GRB 10	GRB 11	GRB 12	GRB 13	GRB 14	GRB 15	GRB 16	GRB 17
Metals 6010B mg/kg												
Sb - Antimony	0.6	11	11	160	ND	ND	ND	ND	ND	ND	ND	ND
As - Arsenic	5	0.067	0.067	0.31	5.6	4.8	2.5	1.8	2.4	1	1.7	2
Ba - Barium	100	390	15000	220000	35	18	19	12	49	45	71	36
Be - Beryllium	0.4	5	16	230	0.079	0.1	0.094	0.077	0.079	0.088	0.061	0.054
Cd - Cadmium	0.5	1.9	78	1100	0.083	0.15	0.11	0.17	ND	ND	0.68	0.34
Cr - Chromium (Total)	5	160	-	-	24	26	9.4	5.8	9	8.2	61	12
Cr (STLC), mg/L	--	--	--	--	--	--	--	--	--	--	0.15	--
Co - Cobalt	5	23	23	350	11	4.9	1.6	0.84	9.6	8.8	12	9.8
Cu - Copper	200	180	3100	47000	64	47	11	4.7	47	55	140	70
Pb - Lead	5	32	80	320	40	25	15	5.5	6	5.4	33	53
Pb (STLC), mg/L	--	--	--	--	--	--	--	--	--	--	--	0.98
Hg - Mercury (7471B)	0.2	13	13	190	0.098	0.067	0.075	0.05	0.092	0.077	0.071	3.3
Hg (STLC), mg/L	--	--	--	--	--	--	--	--	--	--	--	0.035
Mo - Molybdenum	1	6.9	390	5800	0.76	0.94	0.25	ND	0.28	0.34	0.52	0.39
Ni - Nickel	10	86	820	11000	15	22	5.8	4.2	5.4	3.3	30	8.9
Se - Selenium	1	2.4	390	5800	1.3	0.8	ND	ND	1.2	1.3	1.3	0.78
Ag - Silver	5	25	390	5800	ND	ND	ND	ND	ND	ND	ND	ND
Tl - Thallium	0.05	0.78	0.78	12	ND	ND	ND	ND	ND	ND	ND	ND
V - Vanadium	2	18	390	5800	95	29	12	6.4	82	110	96	74
Zn - Zinc	2000	340	23000	350000	34	26	26	14	33	33	55	1000
TPH 8260TPH mg/kg												
TPHg		100	430	2000	ND	ND	ND	ND	ND	ND	ND	ND
TPH 8015B mg/kg												
TPHd		260	260	1200	8.1	21	12	7.1	12	ND	12	110
TPHmo		1600	12000	200000	7.9	12	11	8	15	ND	13	96
Pesticides 8081B ug/kg												
Alpha BHC (Alpha Hexachlorocyclohexane)	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Beta BHC (Beta Hexachlorocyclohexane)	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Delta BHC (Delta Hexachlorocyclohexane)	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Gamma BHC (Lindane)	7.4	550	25000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	120	120	530	ND	ND	ND	ND	ND	ND	ND	2.9	ND
Aldrin	2.4	35	150	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor Epoxide	0.18	620	280	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	9.8	419510	5783990	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	0.46	37	160	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4-DDE	330	1800	8300	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	1.1	21000	290000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	--	419510	5783990	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4-DDD	2700	2700	12000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin Aldehyde	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin Ketone	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4-DDT	1.1	1900	8500	ND	ND	ND	ND	2.1	ND	ND	ND	ND
Methoxychlor	13	350000	4800000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	510	510	2200	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlordane	8.5	480	2200	ND	ND	ND	19	ND	ND	ND	490	ND
PCBs 8082A ug/kg												
Aroclor1016		230	230	230	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor1221		230	230	230	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor1232		230	230	230	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor1242		230	230	230	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor1248		230	230	230	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor1254		230	230	230	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor1260		230	230	230	ND	ND	ND	ND	ND	ND	ND	64
Aroclor1262		230	230	230	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor1268		230	230	230	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs		230	230	940	ND	ND	ND	ND	ND	ND	ND	ND
VOCs 8260B ug/kg												
1,1,1,2-Tetrachloroethane	17	2000	8900	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	7000	1700000	7300000	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	18	610	2700	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	76	1200	5100	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	200	3600	16000	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	540	83000	350000	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	0.11	23	110	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	1200	24000	110000	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane	0.59	4.4	59	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane (Ethylene Dibromide)	0.53	36	160	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1000	1800000	9400000	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	7	470	2100	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	65	1000	4400	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene (Mesitylene)	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	6000	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropene	17	100	300	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	200	2600	12000	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	0.17	812290	4541690	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane (2,2-DCP)	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone (MBK)	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	920	6100000	67000000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	25	330	1400	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane (BDCM)	16	290	1300	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	690	18000	80000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	360	6900	30000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butane, 2-Methoxy-2-Methyl	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	76	620	2700	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1400	270000	1300000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	1200	14000000	59000000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	23	320	1400	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	11000	110000	470000	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	190	19000	85000	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cymene	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane (DBCM)	350	8300	39000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-isopropyl ether (DIPE)	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Tert-Butyl Ether (ETBE)	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	430	5900	26000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Freon 113	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	28	1200	5300	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	19	1800	7800	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropyl Ether	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)	--											

Naphthalene		42	3800	584540	6.6	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene		64000	--	--	ND	14	52	11	ND	ND	ND	ND
Acenaphthene		12000	3600000	45206720	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene		6000	2400000	30137810	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene		7800	--	--	11	6.7	29	5.1	ND	ND	5.5	4.6
Anthracene		1900	18000000	226033600	5.9	31	86	34	2.3	ND	3.3	1.7
Fluoranthene		690	2400000	30137810	17	20	88	10	ND	3.4	11	6.9
Pyrene		45000	1800000	22603360	9.5	26	75	9.2	ND	3.9	11	6.5
Benz[a]anthracene		630	1100	20000	3.3	15	27	6.5	1.2	1.4	4.2	1.9
Chrysene		--	1100	--	7.8	18	47	7.1	2.4	2.6	12	4.3
Benzo[b]fluoranthene		1100	1100	--	12	60	120	92	4.2	4.6	23	7.9
Benzo[k]fluoranthene		1100	1100	--	3.1	19	35	48	1.2	1.3	6.7	2.3
Benzo[a]pyrene		110	110	2100	3	36	43	27	2.1	2.3	6.7	2.6
Indeno[1,2,3-cd]pyrene		480	1100	--	5.3	74	93	35	2.9	3	11	5.3
Dibenz[a,h]anthracene		110	110	--	ND	11	20	7.1	ND	ND	ND	ND
Benzo[g,h,i]perylene		2500	--	--	7	120	140	26	5.3	6.1	14	9.5
PAH, Total		--	--	--	94.2	453.9	855	318	21.6	28.6	108.4	53.5
Asbestos %												
CARB 435A		--	--	--		ND		ND		ND		ND

ND = Non-Detect

-- = Value not established

- = Not tested

STLC Result (CA Title 22 Trigger Level reached)

STLC Required for ReGen Monterey Landfill

Over Residential ESLs; OK for Commercial/Industrial

* Values highlighted indicate an exceedance for corresponding screening levels



ENTHALPY
ANALYTICAL

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 506597
Report Level : II
Report Date : 05/01/2024

Analytical Report *prepared for:*

Lisa Prasad
Graniterock
350 Technology Dr
Watsonville, CA 95076

Project: 8133 - MST Ballast

Authorized for release by:

Miguel Gamboa, Project Coordinator
miguel.gamboa@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

Sample Summary

Lisa Prasad
 Graniterock
 350 Technology Dr
 Watsonville, CA
 95076

Lab Job #: 506597
 Project No: 8133
 Location: MST Ballast
 Date Received: 04/17/24

Sample ID	Lab ID	Collected	Matrix
GRB 1	506597-001	04/17/24 11:20	Soil
GRB 2	506597-002	04/17/24 11:23	Soil
GRB 3	506597-003	04/17/24 11:26	Soil
GRB 4	506597-004	04/17/24 11:29	Soil
GRB 5	506597-005	04/17/24 11:35	Soil
GRB 6	506597-006	04/17/24 11:39	Soil
GRB 7	506597-007	04/17/24 11:57	Soil
GRB 8	506597-008	04/17/24 11:59	Soil
GRB 9	506597-009	04/17/24 12:04	Soil
GRB 10	506597-010	04/17/24 12:07	Soil
GRB 11	506597-011	04/17/24 12:14	Soil
GRB 12	506597-012	04/17/24 12:35	Soil
GRB 13	506597-013	04/17/24 12:37	Soil
GRB 14	506597-014	04/17/24 12:53	Soil
GRB 15	506597-015	04/17/24 12:55	Soil
GRB 16	506597-016	04/17/24 12:59	Soil
GRB 17	506597-017	04/17/24 13:03	Soil

Case Narrative

Graniterock
350 Technology Dr
Watsonville, CA 95076
Lisa Prasad

Lab Job 506597
Number:
Project No: 8133
Location: MST Ballast
Date Received: 04/17/24

- This data package contains sample and QC results for seventeen soil samples, requested for the above referenced project on 04/17/24. The samples were received cold and intact.
- Report reissued on 5-1-2024 to include STLC and asbestos results.

TPH-Extractables by GC (EPA 8015M):

- Low surrogate recovery was observed for n-triacontane in the MS for batch 338680; the parent sample was not a project sample. High surrogate recovery was also observed for n-triacontane in the MSD for batch 338680.
- GRB 6 (lab # 506597-006) was diluted due to the dark color of the sample extract.
- No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):

No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

- Many samples were diluted due to the dark and viscous nature of the sample extracts.
- No other analytical problems were encountered.

Pesticides (EPA 8081A):

- GRB 6 (lab # 506597-006) was diluted due to the color of the sample extract.
- No other analytical problems were encountered.

PCBs (EPA 8082):

No analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A) Soil:

- Low recoveries were observed for antimony in the MS/MSD of GRB 1 (lab # 506597-001); the LCS was within limits, and the associated RPD was within limits.
- Copper was detected between the MDL and the RL in the method blank for batch 338460; this analyte was detected in samples at a level at least 10 times that of the blank.
- No other analytical problems were encountered.

Metals (EPA 6010B and EPA 7470A) WET Leachate:

No analytical problems were encountered.

Moisture (ASTM D2216):

No analytical problems were encountered.

Asbestos (CARB 435):

SGS Forensic in Hayward, CA performed the analysis (see sublab report section for certifications). Please see the SGS Forensic case narrative.

ENTHALPY ANALYTICAL

Enthalpy Analytical - Berkeley
 2323 5th Street, Berkeley, CA 94710
 Phone 510-486-0900

Chain of Custody Record
 Lab No: **506597**
 Page: **1** of **2**

Turn Around Time (rush by advanced notice only)

Standard: X	5 Day:	3 Day:
2 Day:	1 Day:	Custom TAT:

Sample Receipt Temp:
(lab use only)

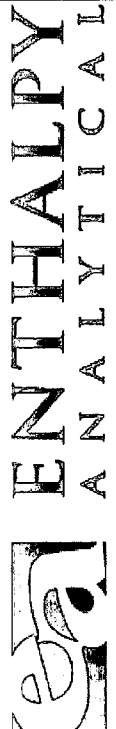
Matrix: A = Air S = Soil/Solid
 W = Water DW = Drinking Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION				PROJECT INFORMATION				ANALYSIS REQUEST				TEST INSTRUCTIONS / COMMENTS			
Company:	Graniterock	Name:	MST Ballast	CAM 17 (T22) - 6010	TPH (DRO/MRO/GRO)	Silica Gel Cleanup for TPH (DRO/MRO)	VOCs	SVOC - PAH / PNA SIM	OCP (Pesticides) + PCBs (8081/8082)	Florist Cleanup	Asbestos CARB 435	Moisture % (Report in Dry Weight)	Please also run STL/CLP on results over Title 22.10x & 20x trigger levels.		
Report To:	Lisa Prasad	Number:	8133	Matrix	Container No. / Size	Pres.									
Email:	Lprasad@graniterock.com	P.O. #:		Sampling Date	Sampling Time										
Address:	350 Technology Dr.	Address:		Y-17-24	11:20										
	Watsonville, CA 95076	Global ID:		↑	11:23										
Phone:	831-768-2000	Sampled By:		↑	11:26										
				↑	11:29										
				↑	11:35										
				↑	11:39										
				↑	11:57										
				↓	12:04										
				↓	12:07										

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
1 GRB1	Y-17-24	11:20	Soil	16oz jar	
2 GRB2	↑	11:23	↑	↑	
3 GRB3	↑	11:26	Ballast	↑	
4 GRB4	↑	11:29	↑	↑	
5 GRB5	↑	11:35	↑	↑	
6 GRB6	↑	11:39	↑	↑	
7 GRB7	↑	11:57	↑	↑	
8 GRB8	↑	11:57	↑	↑	
9 GRB9	↓	12:04	↓	↓	
10 GRB10	↓	12:07	↓	↓	

Signature	Print Name	Company / Title	Date / Time
	Lisa Prasad	Graniterock / SDM	4-17-24 15:38
	AUDREY HUDSON	EXT/ALCPY	4/17/24 15:38
	Audrey Hudson	"	4/17/24 17:20
	JACK PETERSON	Enthalpy	4/17/24 17:20
	Kenneth High	EA	4/19/24 16:15
	J. ANTHONY	C-A	4/20/24 10:30



Enthalpy Analytical - Berkeley
 2323 5th Street, Berkeley, CA 94710
 Phone 510-486-0900

Chain of Custody Record
 Lab No: 506597
 Page: 2 of 2

Turn Around Time (rush by advanced notice only)
 Standard: 5 Day: 3 Day:
 2 Day: 1 Day: Custom TAT:

Matrix: A = Air S = Soil/Solid
 W = Water DW = Drinking Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other
 Sample Receipt Temp:
 (lab use only)

CUSTOMER INFORMATION				PROJECT INFORMATION				ANALYSIS REQUEST				TEST INSTRUCTIONS / COMMENTS						
Company:	Graniterock	Name:	MST Ballest	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	TPH (DRO/MRO/GRO)	Silica Gel Cleanup for TPH (DRO/MRO)	VOCs	SVOC - PAH / PNA SIM	OCF (Pesticides) + PCBs (8081/8082)	Florisil Cleanup	Asbestos CARB 435	Moisture % (Report in Dry Weight)	
Report To:	Lisa Prasad	Number:	8133	1	4-17-24	12:14	Soil (6oz jar)			X	X	X	X	X	X	X	X	
Email:	Lprasad@graniterock.com	P.O. #:		2		12:35	Ballast			X	X	X	X	X	X	X	X	
Address:	350 Technology Dr.	Address:		3		12:37				X	X	X	X	X	X	X	X	
Phone:	Watsonville, CA 95076	Global ID:		4		12:53				X	X	X	X	X	X	X	X	
	831-768-2000	Sampled By:		5		12:55				X	X	X	X	X	X	X	X	
				6		12:59				X	X	X	X	X	X	X	X	
				7		13:03				X	X	X	X	X	X	X	X	
				8														
				9														
				10														

Relinquished By:	Signature	Print Name	Company / Title	Date / Time
1	<i>[Signature]</i>	Lisa Prasad	Graniterock / SDM	4-17-24 18:35
1	<i>[Signature]</i>	ANDREW HUDSON	ENTHALPY	4/17/24 15:35
2	<i>[Signature]</i>	JACK PETERSON	ENTHALPY	4/17/24 17:20
2	<i>[Signature]</i>	Kenneth High	EA	4/17/24 17:20
3	<i>[Signature]</i>	ELBERT DUNN	E.A.	4/22/24 10:30

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 4.17.24 Login # 506597 Client: Granite Rock

Section 2: Shipping / Custody

Shipping Info: _____

Are custody seals present? No Yes If yes, where? on cooler, on samples, on package

Custody seals intact on arrival? Yes No N/A Date: _____ # of seals _____ Signature Initials

Section 3: Condition / Packaging

Important: Notify BM if temperature exceeds 6°C or arrive frozen

Date Opened 4.17.24 By (print) Jade Peterson (sign) [Signature]

Samples received on ice directly from the field. Cooling process had begun. (if checked, skip temperatures)

If no cooler: Sample Temp (°C): _____

How many coolers? 1 Temp (°C): #1: _____ #2: _____ #3: _____ #4: _____ #5: _____ #6: _____

Temperature measured using Thermometer ID: _____, or IR Gun # B C

Type of ice used: Wet, Blue/Gel, None Temperature blank(s) included? Yes, No JDP 4/17/24

Section 4: Containers / Labels / Samples

	YES	NO	N/A
Were custody papers dry, filled out properly, and the project identifiable?	/		
Were Method 5035 sampling containers present? Transferred to freezer @: _____		/	
Did all containers arrive unbroken/unopened?	/		
Are there any missing / extra samples?		/	
Are samples in the appropriate containers for indicated tests?	/		
Are sample labels present, in good condition and complete?	/		
Does the container count match the COC?	/		
Do the sample labels agree with custody papers?	/		
Was sufficient amount of sample sent for tests requested?	/		
Did you change the hold time in LIMS for unpreserved VOAs?			/
Did you change the hold time in LIMS for preserved terracores?			/
Are bubbles > 6mm present in VOA samples?			/
Was the client contacted about this delivery? Contacted: _____ By: _____ Date: _____		/	

Section 5: Preservatives

	YES	NO	N/A
Are the samples appropriately preserved? (if yes, skip the rest of section 5)	/		
Did any samples / containers require preservation upon receipt?			
Did you document your preservative check in the bench book?			
Preservative added:			
<input type="checkbox"/> H2SO4 lot# _____ added to samples _____ Date/Time _____			
<input type="checkbox"/> HCL lot# _____ added to samples _____ Date/Time _____			
<input type="checkbox"/> HNO3 lot# _____ added to samples _____ Date/Time _____			
<input type="checkbox"/> CrVI Buffer lot# _____ added to samples _____ Date/Time _____			

Section 6: Explanations / Comments

Some samples will require crushing for analysis.

Date Logged 4.17.24 By (print) JDP FOR MAY (sign) [Signature]

Date Labeled 4.17.24 By (print) Jade Peterson (sign) [Signature]



ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Graniterock Project: MST

Date Received: 4/20/24 Sampler's Name Present: Yes No

Section 2

Sample(s) received in a cooler? Yes, How many? 2 No (skip section 2) Sample Temp (°C) (No Cooler) : _____

Sample Temp (°C), One from each cooler: #1: 3.3 #2: 5.2 #3: _____ #4: _____

(Acceptance range is $\leq 6^{\circ}\text{C}$ but not frozen (for Microbiology samples, acceptance range is $< 10^{\circ}\text{C}$ but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam

Paper None Other _____

Cooler Temp (°C): #1: 1.8 #2: 1.7 #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?	✓		
If custody seals are present, were they intact?	✓		
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

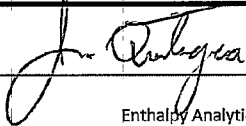
506597
SEE BERKELEY COOLER SHEET

Section 6

For discrepancies, how was the Project Manager notified? Verbal PM Initials: _____ Date/Time _____

Email (email sent to/on): _____ / _____

Project Manager's response: _____

Completed By:  Date: 4/20/24

SOUTHWEST AIRLINES

Printed on:
19 APR 20:14

526 OAK 1178 1405



ONT

PC#
12 OF

13

DG
G

LOT WT
675 LB

(306.1 KG)

OAK WN 1426 20 APR 09:10

STN FLT DATE ETD LOT 01



PC ID: 0014
PC WT: 52LB


526 11781405 0014

3.3
/ 1.8

S

SOUTHWEST AIRLINES

Printed on:
19 APR 20:14

526 OAK 1178 1405 

ONT

PC#
1 OF

13

DG
G

LOT WT
675 LB

(306.1 KG)

OAK WN 1426 20 APR 09:10

STN FLT DATE ETD LOT 01



PC ID: 0001
PC WT: 52LB
0001

5.2 / 1.7

S

Analysis Results for 506597

Lisa Prasad
 Graniterock
 350 Technology Dr
 Watsonville, CA 95076

Lab Job #: 506597
 Project No: 8133
 Location: MST Ballast
 Date Received: 04/17/24

Sample ID: GRB 1	Lab ID: 506597-001	Collected: 04/17/24 11:20
	Matrix: Soil	Basis: Dry

506597-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
--------------------	--------	------	-------	----	-----	----	-------	----------	----------	---------

Method: ASTM D2216
 Prep Method: METHOD

Moisture, Percent	ND		%	1		1	338539	04/23/24	04/24/24	ARM
-------------------	----	--	---	---	--	---	--------	----------	----------	-----

Method: EPA 6010B
 Prep Method: EPA 3050B

Antimony	ND		mg/Kg	2.9	0.85	0.97	338460	04/22/24	04/23/24	SBW
Arsenic	0.42	J	mg/Kg	0.97	0.25	0.97	338460	04/22/24	04/23/24	SBW
Barium	66		mg/Kg	0.97	0.077	0.97	338460	04/22/24	04/23/24	SBW
Beryllium	0.091	J	mg/Kg	0.49	0.0061	0.97	338460	04/22/24	04/23/24	SBW
Cadmium	ND		mg/Kg	0.49	0.035	0.97	338460	04/22/24	04/23/24	SBW
Chromium	5.8		mg/Kg	0.97	0.22	0.97	338460	04/22/24	04/23/24	SBW
Cobalt	10		mg/Kg	0.49	0.22	0.97	338460	04/22/24	04/23/24	SBW
Copper	100		mg/Kg	0.97	0.14	0.97	338460	04/22/24	04/23/24	SBW
Lead	7.2		mg/Kg	0.97	0.25	0.97	338460	04/22/24	04/23/24	SBW
Molybdenum	0.43	J	mg/Kg	0.97	0.11	0.97	338460	04/22/24	04/23/24	SBW
Nickel	2.9		mg/Kg	0.97	0.12	0.97	338460	04/22/24	04/23/24	SBW
Selenium	1.5	J	mg/Kg	2.9	0.52	0.97	338460	04/22/24	04/23/24	SBW
Silver	ND		mg/Kg	0.49	0.060	0.97	338460	04/22/24	04/23/24	SBW
Thallium	ND		mg/Kg	2.9	0.33	0.97	338460	04/22/24	04/23/24	SBW
Vanadium	120		mg/Kg	0.97	0.050	0.97	338460	04/22/24	04/23/24	SBW
Zinc	29		mg/Kg	4.9	0.23	0.97	338460	04/22/24	04/23/24	SBW

Method: EPA 7471A
 Prep Method: METHOD

Mercury	0.057	J	mg/Kg	0.15	0.037	1.1	338476	04/23/24	04/23/24	KAM
---------	-------	---	-------	------	-------	-----	--------	----------	----------	-----

Method: EPA 8015M
 Prep Method: EPA 3580M

GRO C6-C12	ND		mg/Kg	10		1	338396	04/22/24	04/23/24	TJW
DRO C10-C28	ND		mg/Kg	10	3.4	1	338396	04/22/24	04/23/24	TJW
ORO C28-C44	ND		mg/Kg	20	3.4	1	338396	04/22/24	04/23/24	TJW

Surrogates			Limits							
n-Triacontane	104%		%REC	70-130		1	338396	04/22/24	04/23/24	TJW

Method: EPA 8081A
 Prep Method: EPA 3546

alpha-BHC	ND		ug/Kg	5.0	0.99	1	338386	04/22/24	04/23/24	MES
beta-BHC	ND		ug/Kg	5.0	1.4	1	338386	04/22/24	04/23/24	MES
gamma-BHC	ND		ug/Kg	5.0	1.0	1	338386	04/22/24	04/23/24	MES
delta-BHC	ND		ug/Kg	5.0	1.2	1	338386	04/22/24	04/23/24	MES
Heptachlor	ND		ug/Kg	5.0	1.7	1	338386	04/22/24	04/23/24	MES
Aldrin	ND		ug/Kg	5.0	1.4	1	338386	04/22/24	04/23/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan I	ND		ug/Kg	5.0	1.4	1	338386	04/22/24	04/23/24	MES
Dieldrin	ND		ug/Kg	5.0	1.5	1	338386	04/22/24	04/23/24	MES

Analysis Results for 506597

506597-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
4,4'-DDE	ND		ug/Kg	5.0	1.5	1	338386	04/22/24	04/23/24	MES
Endrin	ND		ug/Kg	5.0	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan II	ND		ug/Kg	5.0	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	2.1	1	338386	04/22/24	04/23/24	MES
4,4'-DDD	ND		ug/Kg	5.0	0.93	1	338386	04/22/24	04/23/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1.2	1	338386	04/22/24	04/23/24	MES
Endrin ketone	ND		ug/Kg	5.0	1.5	1	338386	04/22/24	04/23/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1.7	1	338386	04/22/24	04/23/24	MES
Methoxychlor	ND		ug/Kg	10	2.3	1	338386	04/22/24	04/23/24	MES
Toxaphene	ND		ug/Kg	100	31	1	338386	04/22/24	04/23/24	MES
Chlordane (Technical)	ND		ug/Kg	50	9.1	1	338386	04/22/24	04/23/24	MES
Surrogates				Limits						
TCMX	65%		%REC	23-120		1	338386	04/22/24	04/23/24	MES
Decachlorobiphenyl	47%		%REC	24-120		1	338386	04/22/24	04/23/24	MES

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	50	13	1	338386	04/22/24	04/23/24	MES
Aroclor-1221	ND		ug/Kg	50	11	1	338386	04/22/24	04/23/24	MES
Aroclor-1232	ND		ug/Kg	50	11	1	338386	04/22/24	04/23/24	MES
Aroclor-1242	ND		ug/Kg	50	16	1	338386	04/22/24	04/23/24	MES
Aroclor-1248	ND		ug/Kg	50	17	1	338386	04/22/24	04/23/24	MES
Aroclor-1254	ND		ug/Kg	50	16	1	338386	04/22/24	04/23/24	MES
Aroclor-1260	ND		ug/Kg	50	23	1	338386	04/22/24	04/23/24	MES
Aroclor-1262	ND		ug/Kg	50	13	1	338386	04/22/24	04/23/24	MES
Aroclor-1268	ND		ug/Kg	50	14	1	338386	04/22/24	04/23/24	MES

Surrogates

Limits

Decachlorobiphenyl (PCB)	62%		%REC	19-121		1	338386	04/22/24	04/23/24	MES
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Method: EPA 8260B

Prep Method: EPA 5030B

Freon 12	ND		ug/Kg	250	130	50	338582	04/24/24	04/24/24	HMN
Chloromethane	ND		ug/Kg	250	180	50	338582	04/24/24	04/24/24	HMN
Vinyl Chloride	ND		ug/Kg	250	81	50	338582	04/24/24	04/24/24	HMN
Bromomethane	ND		ug/Kg	250	190	50	338582	04/24/24	04/24/24	HMN
Chloroethane	ND		ug/Kg	250	130	50	338582	04/24/24	04/24/24	HMN
Trichlorofluoromethane	ND		ug/Kg	250	99	50	338582	04/24/24	04/24/24	HMN
Acetone	ND		ug/Kg	5,000	1,900	50	338582	04/24/24	04/24/24	HMN
Freon 113	ND		ug/Kg	250	69	50	338582	04/24/24	04/24/24	HMN
1,1-Dichloroethene	ND		ug/Kg	250	64	50	338582	04/24/24	04/24/24	HMN
Methylene Chloride	ND		ug/Kg	1,000		50	338582	04/24/24	04/24/24	HMN
MTBE	ND		ug/Kg	250	66	50	338582	04/24/24	04/24/24	HMN
trans-1,2-Dichloroethene	ND		ug/Kg	250	49	50	338582	04/24/24	04/24/24	HMN
1,1-Dichloroethane	ND		ug/Kg	250	52	50	338582	04/24/24	04/24/24	HMN
2-Butanone	ND		ug/Kg	5,000	280	50	338582	04/24/24	04/24/24	HMN
cis-1,2-Dichloroethene	ND		ug/Kg	250	59	50	338582	04/24/24	04/24/24	HMN
2,2-Dichloropropane	ND		ug/Kg	250	45	50	338582	04/24/24	04/24/24	HMN
Chloroform	ND		ug/Kg	250	78	50	338582	04/24/24	04/24/24	HMN
Bromochloromethane	ND		ug/Kg	250	68	50	338582	04/24/24	04/24/24	HMN
1,1,1-Trichloroethane	ND		ug/Kg	250	57	50	338582	04/24/24	04/24/24	HMN
1,1-Dichloropropene	ND		ug/Kg	250	68	50	338582	04/24/24	04/24/24	HMN
Carbon Tetrachloride	ND		ug/Kg	250	56	50	338582	04/24/24	04/24/24	HMN
1,2-Dichloroethane	ND		ug/Kg	250	98	50	338582	04/24/24	04/24/24	HMN

Analysis Results for 506597

506597-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/Kg	250	33	50	338582	04/24/24	04/24/24	HMN
Trichloroethene	ND		ug/Kg	250	38	50	338582	04/24/24	04/24/24	HMN
1,2-Dichloropropane	ND		ug/Kg	250	31	50	338582	04/24/24	04/24/24	HMN
Bromodichloromethane	ND		ug/Kg	250	40	50	338582	04/24/24	04/24/24	HMN
Dibromomethane	ND		ug/Kg	250	55	50	338582	04/24/24	04/24/24	HMN
4-Methyl-2-Pentanone	ND		ug/Kg	250	85	50	338582	04/24/24	04/24/24	HMN
cis-1,3-Dichloropropene	ND		ug/Kg	250	44	50	338582	04/24/24	04/24/24	HMN
Toluene	ND		ug/Kg	250	51	50	338582	04/24/24	04/24/24	HMN
trans-1,3-Dichloropropene	ND		ug/Kg	250	57	50	338582	04/24/24	04/24/24	HMN
1,1,2-Trichloroethane	ND		ug/Kg	250	33	50	338582	04/24/24	04/24/24	HMN
1,3-Dichloropropane	ND		ug/Kg	250	43	50	338582	04/24/24	04/24/24	HMN
Tetrachloroethene	ND		ug/Kg	250	37	50	338582	04/24/24	04/24/24	HMN
Dibromochloromethane	ND		ug/Kg	250	41	50	338582	04/24/24	04/24/24	HMN
1,2-Dibromoethane	ND		ug/Kg	250	31	50	338582	04/24/24	04/24/24	HMN
Chlorobenzene	ND		ug/Kg	250	46	50	338582	04/24/24	04/24/24	HMN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	57	50	338582	04/24/24	04/24/24	HMN
Ethylbenzene	ND		ug/Kg	250	54	50	338582	04/24/24	04/24/24	HMN
m,p-Xylenes	ND		ug/Kg	500	120	50	338582	04/24/24	04/24/24	HMN
o-Xylene	ND		ug/Kg	250	52	50	338582	04/24/24	04/24/24	HMN
Styrene	ND		ug/Kg	250	47	50	338582	04/24/24	04/24/24	HMN
Bromoform	ND		ug/Kg	250	43	50	338582	04/24/24	04/24/24	HMN
Isopropylbenzene	ND		ug/Kg	250	42	50	338582	04/24/24	04/24/24	HMN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	54	50	338582	04/24/24	04/24/24	HMN
1,2,3-Trichloropropane	ND		ug/Kg	250	72	50	338582	04/24/24	04/24/24	HMN
Propylbenzene	ND		ug/Kg	250	40	50	338582	04/24/24	04/24/24	HMN
Bromobenzene	ND		ug/Kg	250	45	50	338582	04/24/24	04/24/24	HMN
1,3,5-Trimethylbenzene	ND		ug/Kg	250	36	50	338582	04/24/24	04/24/24	HMN
2-Chlorotoluene	ND		ug/Kg	250	52	50	338582	04/24/24	04/24/24	HMN
4-Chlorotoluene	ND		ug/Kg	250	41	50	338582	04/24/24	04/24/24	HMN
tert-Butylbenzene	ND		ug/Kg	250	33	50	338582	04/24/24	04/24/24	HMN
1,2,4-Trimethylbenzene	ND		ug/Kg	250	47	50	338582	04/24/24	04/24/24	HMN
sec-Butylbenzene	ND		ug/Kg	250	37	50	338582	04/24/24	04/24/24	HMN
para-Isopropyl Toluene	ND		ug/Kg	250	37	50	338582	04/24/24	04/24/24	HMN
1,3-Dichlorobenzene	ND		ug/Kg	250	38	50	338582	04/24/24	04/24/24	HMN
1,4-Dichlorobenzene	ND		ug/Kg	250	42	50	338582	04/24/24	04/24/24	HMN
n-Butylbenzene	ND		ug/Kg	250	58	50	338582	04/24/24	04/24/24	HMN
1,2-Dichlorobenzene	ND		ug/Kg	250	44	50	338582	04/24/24	04/24/24	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	77	50	338582	04/24/24	04/24/24	HMN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	67	50	338582	04/24/24	04/24/24	HMN
Hexachlorobutadiene	ND		ug/Kg	250	56	50	338582	04/24/24	04/24/24	HMN
Naphthalene	ND		ug/Kg	250	73	50	338582	04/24/24	04/24/24	HMN
1,2,3-Trichlorobenzene	ND		ug/Kg	250	58	50	338582	04/24/24	04/24/24	HMN
Surrogates				Limits						
Dibromofluoromethane	96%		%REC	70-145		50	338582	04/24/24	04/24/24	HMN
1,2-Dichloroethane-d4	98%		%REC	70-145		50	338582	04/24/24	04/24/24	HMN
Toluene-d8	98%		%REC	70-145		50	338582	04/24/24	04/24/24	HMN
Bromofluorobenzene	100%		%REC	70-145		50	338582	04/24/24	04/24/24	HMN

Method: EPA 8270C-SIM
Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	9.9	1.5	0.99	338434	04/22/24	04/23/24	DJL
2-Methylnaphthalene	ND		ug/Kg	9.9	1.5	0.99	338434	04/22/24	04/23/24	DJL
Naphthalene	ND		ug/Kg	9.9	3.6	0.99	338434	04/22/24	04/23/24	DJL

Results for any subcontracted analyses are not included in this section.

Analysis Results for 506597

506597-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthylene	ND		ug/Kg	9.9	1.6	0.99	338434	04/22/24	04/23/24	DJL
Acenaphthene	ND		ug/Kg	9.9	1.0	0.99	338434	04/22/24	04/23/24	DJL
Fluorene	ND		ug/Kg	9.9	1.2	0.99	338434	04/22/24	04/23/24	DJL
Phenanthrene	ND		ug/Kg	9.9	2.2	0.99	338434	04/22/24	04/23/24	DJL
Anthracene	ND		ug/Kg	9.9	1.4	0.99	338434	04/22/24	04/23/24	DJL
Fluoranthene	ND		ug/Kg	9.9	3.3	0.99	338434	04/22/24	04/23/24	DJL
Pyrene	ND		ug/Kg	9.9	3.6	0.99	338434	04/22/24	04/23/24	DJL
Benzo(a)anthracene	ND		ug/Kg	9.9	1.1	0.99	338434	04/22/24	04/23/24	DJL
Chrysene	4.0	J	ug/Kg	9.9	0.95	0.99	338434	04/22/24	04/23/24	DJL
Benzo(b)fluoranthene	7.1	J	ug/Kg	9.9	0.92	0.99	338434	04/22/24	04/23/24	DJL
Benzo(k)fluoranthene	2.3	J	ug/Kg	9.9	1.0	0.99	338434	04/22/24	04/23/24	DJL
Benzo(a)pyrene	ND		ug/Kg	9.9	1.3	0.99	338434	04/22/24	04/23/24	DJL
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	9.9	1.5	0.99	338434	04/22/24	04/23/24	DJL
Dibenz(a,h)anthracene	ND		ug/Kg	9.9	2.8	0.99	338434	04/22/24	04/23/24	DJL
Benzo(g,h,i)perylene	1.7	J	ug/Kg	9.9	1.6	0.99	338434	04/22/24	04/23/24	DJL
Surrogates				Limits						
Nitrobenzene-d5	75%		%REC	27-125		0.99	338434	04/22/24	04/23/24	DJL
2-Fluorobiphenyl	75%		%REC	30-120		0.99	338434	04/22/24	04/23/24	DJL
Terphenyl-d14	78%		%REC	33-155		0.99	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

Sample ID: GRB 2	Lab ID: 506597-002	Collected: 04/17/24 11:23
	Matrix: Soil	Basis: Dry

506597-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	1		%	1		1	338539	04/23/24	04/24/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	2.9	0.86	0.97	338460	04/22/24	04/23/24	SBW
Arsenic	2.5		mg/Kg	0.98	0.25	0.97	338460	04/22/24	04/23/24	SBW
Barium	50		mg/Kg	0.98	0.078	0.97	338460	04/22/24	04/23/24	SBW
Beryllium	0.092	J	mg/Kg	0.49	0.0062	0.97	338460	04/22/24	04/23/24	SBW
Cadmium	0.045	J	mg/Kg	0.49	0.036	0.97	338460	04/22/24	04/23/24	SBW
Chromium	15		mg/Kg	0.98	0.22	0.97	338460	04/22/24	04/23/24	SBW
Cobalt	8.1		mg/Kg	0.49	0.22	0.97	338460	04/22/24	04/23/24	SBW
Copper	71		mg/Kg	0.98	0.14	0.97	338460	04/22/24	04/23/24	SBW
Lead	40		mg/Kg	0.98	0.26	0.97	338460	04/22/24	04/23/24	SBW
Molybdenum	0.90	J	mg/Kg	0.98	0.11	0.97	338460	04/22/24	04/23/24	SBW
Nickel	9.2		mg/Kg	0.98	0.12	0.97	338460	04/22/24	04/23/24	SBW
Selenium	1.2	J	mg/Kg	2.9	0.53	0.97	338460	04/22/24	04/23/24	SBW
Silver	ND		mg/Kg	0.49	0.061	0.97	338460	04/22/24	04/23/24	SBW
Thallium	ND		mg/Kg	2.9	0.33	0.97	338460	04/22/24	04/23/24	SBW
Vanadium	90		mg/Kg	0.98	0.050	0.97	338460	04/22/24	04/23/24	SBW
Zinc	40		mg/Kg	4.9	0.23	0.97	338460	04/22/24	04/23/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	0.041	J	mg/Kg	0.15	0.038	1.1	338476	04/23/24	04/23/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M										
GRO C6-C12	ND		mg/Kg	40		4	338680	04/25/24	04/25/24	KMB
DRO C10-C28	44		mg/Kg	40	14	4	338680	04/25/24	04/25/24	KMB
ORO C28-C44	120		mg/Kg	81	14	4	338680	04/25/24	04/25/24	KMB
Surrogates										
Limits										
n-Triacontane	110%		%REC	70-130		4	338680	04/25/24	04/25/24	KMB
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.1	1.0	1	338386	04/22/24	04/23/24	MES
beta-BHC	ND		ug/Kg	5.1	1.4	1	338386	04/22/24	04/23/24	MES
gamma-BHC	ND		ug/Kg	5.1	1.0	1	338386	04/22/24	04/23/24	MES
delta-BHC	ND		ug/Kg	5.1	1.2	1	338386	04/22/24	04/23/24	MES
Heptachlor	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Aldrin	ND		ug/Kg	5.1	1.4	1	338386	04/22/24	04/23/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan I	ND		ug/Kg	5.1	1.4	1	338386	04/22/24	04/23/24	MES
Dieldrin	ND		ug/Kg	5.1	1.6	1	338386	04/22/24	04/23/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1.5	1	338386	04/22/24	04/23/24	MES
Endrin	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan II	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	2.1	1	338386	04/22/24	04/23/24	MES
4,4'-DDD	ND		ug/Kg	5.1	0.95	1	338386	04/22/24	04/23/24	MES

Analysis Results for 506597

506597-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.1	1.2	1	338386	04/22/24	04/23/24	MES
Endrin ketone	ND		ug/Kg	5.1	1.5	1	338386	04/22/24	04/23/24	MES
4,4'-DDT	4.8	J	ug/Kg	5.1	1.8	1	338386	04/22/24	04/23/24	MES
Methoxychlor	ND		ug/Kg	10	2.3	1	338386	04/22/24	04/23/24	MES
Toxaphene	ND		ug/Kg	100	32	1	338386	04/22/24	04/23/24	MES
Chlordane (Technical)	ND		ug/Kg	51	9.3	1	338386	04/22/24	04/23/24	MES
Surrogates				Limits						
TCMX	64%		%REC	23-120		1	338386	04/22/24	04/23/24	MES
Decachlorobiphenyl	45%		%REC	24-120		1	338386	04/22/24	04/23/24	MES

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	51	13	1	338386	04/22/24	04/23/24	MES
Aroclor-1221	ND		ug/Kg	51	11	1	338386	04/22/24	04/23/24	MES
Aroclor-1232	ND		ug/Kg	51	11	1	338386	04/22/24	04/23/24	MES
Aroclor-1242	ND		ug/Kg	51	16	1	338386	04/22/24	04/23/24	MES
Aroclor-1248	ND		ug/Kg	51	17	1	338386	04/22/24	04/23/24	MES
Aroclor-1254	ND		ug/Kg	51	16	1	338386	04/22/24	04/23/24	MES
Aroclor-1260	ND		ug/Kg	51	23	1	338386	04/22/24	04/23/24	MES
Aroclor-1262	ND		ug/Kg	51	13	1	338386	04/22/24	04/23/24	MES
Aroclor-1268	ND		ug/Kg	51	15	1	338386	04/22/24	04/23/24	MES

Surrogates

Limits

Decachlorobiphenyl (PCB)	61%		%REC	19-121		1	338386	04/22/24	04/23/24	MES
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Method: EPA 8260B

Prep Method: EPA 5030B

Freon 12	ND		ug/Kg	5.1	1.0	1	338582	04/24/24	04/24/24	TCN
Chloromethane	ND		ug/Kg	5.1	0.8	1	338582	04/24/24	04/24/24	TCN
Vinyl Chloride	ND		ug/Kg	5.1	1.0	1	338582	04/24/24	04/24/24	TCN
Bromomethane	ND		ug/Kg	5.1	1.1	1	338582	04/24/24	04/24/24	TCN
Chloroethane	ND		ug/Kg	5.1	2.5	1	338582	04/24/24	04/24/24	TCN
Trichlorofluoromethane	ND		ug/Kg	5.1	0.8	1	338582	04/24/24	04/24/24	TCN
Acetone	ND		ug/Kg	100	32	1	338582	04/24/24	04/24/24	TCN
Freon 113	ND		ug/Kg	5.1	0.7	1	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethene	ND		ug/Kg	5.1	1.1	1	338582	04/24/24	04/24/24	TCN
Methylene Chloride	ND		ug/Kg	20		1	338582	04/24/24	04/24/24	TCN
MTBE	ND		ug/Kg	5.1	1.0	1	338582	04/24/24	04/24/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	5.1	1.1	1	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethane	ND		ug/Kg	5.1	0.9	1	338582	04/24/24	04/24/24	TCN
2-Butanone	ND		ug/Kg	100	4.3	1	338582	04/24/24	04/24/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	5.1	0.8	1	338582	04/24/24	04/24/24	TCN
2,2-Dichloropropane	ND		ug/Kg	5.1	2.5	1	338582	04/24/24	04/24/24	TCN
Chloroform	ND		ug/Kg	5.1	1.0	1	338582	04/24/24	04/24/24	TCN
Bromochloromethane	ND		ug/Kg	5.1	0.5	1	338582	04/24/24	04/24/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	5.1	1.3	1	338582	04/24/24	04/24/24	TCN
1,1-Dichloropropene	ND		ug/Kg	5.1	0.8	1	338582	04/24/24	04/24/24	TCN
Carbon Tetrachloride	ND		ug/Kg	5.1	1.2	1	338582	04/24/24	04/24/24	TCN
1,2-Dichloroethane	ND		ug/Kg	5.1	1.0	1	338582	04/24/24	04/24/24	TCN
Benzene	2.7	J	ug/Kg	5.1	0.5	1	338582	04/24/24	04/24/24	TCN
Trichloroethene	ND		ug/Kg	5.1	0.7	1	338582	04/24/24	04/24/24	TCN
1,2-Dichloropropane	ND		ug/Kg	5.1	0.8	1	338582	04/24/24	04/24/24	TCN
Bromodichloromethane	ND		ug/Kg	5.1	1.2	1	338582	04/24/24	04/24/24	TCN
Dibromomethane	ND		ug/Kg	5.1	0.5	1	338582	04/24/24	04/24/24	TCN

Analysis Results for 506597

506597-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
4-Methyl-2-Pentanone	ND		ug/Kg	5.1	1.6	1	338582	04/24/24	04/24/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	5.1	1.1	1	338582	04/24/24	04/24/24	TCN
Toluene	4.8	J	ug/Kg	5.1	0.9	1	338582	04/24/24	04/24/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	5.1	1.5	1	338582	04/24/24	04/24/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	5.1	0.5	1	338582	04/24/24	04/24/24	TCN
1,3-Dichloropropane	ND		ug/Kg	5.1	0.6	1	338582	04/24/24	04/24/24	TCN
Tetrachloroethene	ND		ug/Kg	5.1	0.5	1	338582	04/24/24	04/24/24	TCN
Dibromochloromethane	ND		ug/Kg	5.1	0.6	1	338582	04/24/24	04/24/24	TCN
1,2-Dibromoethane	ND		ug/Kg	5.1	0.6	1	338582	04/24/24	04/24/24	TCN
Chlorobenzene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.1	0.7	1	338582	04/24/24	04/24/24	TCN
Ethylbenzene	ND		ug/Kg	5.1	0.6	1	338582	04/24/24	04/24/24	TCN
m,p-Xylenes	1.4	J	ug/Kg	10	0.8	1	338582	04/24/24	04/24/24	TCN
o-Xylene	0.8	J	ug/Kg	5.1	0.5	1	338582	04/24/24	04/24/24	TCN
Styrene	4.5	J	ug/Kg	5.1	0.3	1	338582	04/24/24	04/24/24	TCN
Bromoform	ND		ug/Kg	5.1	1.0	1	338582	04/24/24	04/24/24	TCN
Isopropylbenzene	ND		ug/Kg	5.1	0.3	1	338582	04/24/24	04/24/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.1	0.5	1	338582	04/24/24	04/24/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	5.1	1.3	1	338582	04/24/24	04/24/24	TCN
Propylbenzene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
Bromobenzene	ND		ug/Kg	5.1	0.5	1	338582	04/24/24	04/24/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
2-Chlorotoluene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
4-Chlorotoluene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
tert-Butylbenzene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
sec-Butylbenzene	ND		ug/Kg	5.1	0.5	1	338582	04/24/24	04/24/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	5.1	0.3	1	338582	04/24/24	04/24/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	5.1	0.3	1	338582	04/24/24	04/24/24	TCN
n-Butylbenzene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.1	1.2	1	338582	04/24/24	04/24/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	5.1	0.6	1	338582	04/24/24	04/24/24	TCN
Hexachlorobutadiene	ND		ug/Kg	5.1	0.6	1	338582	04/24/24	04/24/24	TCN
Naphthalene	ND		ug/Kg	5.1	1.2	1	338582	04/24/24	04/24/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	5.1	0.8	1	338582	04/24/24	04/24/24	TCN

Surrogates	Limits			DF	Batch	Prepared	Analyzed	Chemist
Dibromofluoromethane	98%	%REC	70-145	1	338582	04/24/24	04/24/24	TCN
1,2-Dichloroethane-d4	100%	%REC	70-145	1	338582	04/24/24	04/24/24	TCN
Toluene-d8	101%	%REC	70-145	1	338582	04/24/24	04/24/24	TCN
Bromofluorobenzene	102%	%REC	70-145	1	338582	04/24/24	04/24/24	TCN

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	35	J	ug/Kg	41	6.2	4	338434	04/22/24	04/23/24	DJL
2-Methylnaphthalene	50		ug/Kg	41	6.2	4	338434	04/22/24	04/23/24	DJL
Naphthalene	50		ug/Kg	41	15	4	338434	04/22/24	04/23/24	DJL
Acenaphthylene	21	J	ug/Kg	41	6.5	4	338434	04/22/24	04/23/24	DJL
Acenaphthene	ND		ug/Kg	41	4.2	4	338434	04/22/24	04/23/24	DJL
Fluorene	ND		ug/Kg	41	5.1	4	338434	04/22/24	04/23/24	DJL
Phenanthrene	49		ug/Kg	41	8.9	4	338434	04/22/24	04/23/24	DJL
Anthracene	33	J	ug/Kg	41	5.7	4	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

506597-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Fluoranthene	140		ug/Kg	41	14	4	338434	04/22/24	04/23/24	DJL
Pyrene	94		ug/Kg	41	15	4	338434	04/22/24	04/23/24	DJL
Benzo(a)anthracene	43		ug/Kg	41	4.4	4	338434	04/22/24	04/23/24	DJL
Chrysene	150		ug/Kg	41	3.9	4	338434	04/22/24	04/23/24	DJL
Benzo(b)fluoranthene	340		ug/Kg	41	3.8	4	338434	04/22/24	04/23/24	DJL
Benzo(k)fluoranthene	87		ug/Kg	41	4.3	4	338434	04/22/24	04/23/24	DJL
Benzo(a)pyrene	50		ug/Kg	41	5.4	4	338434	04/22/24	04/23/24	DJL
Indeno(1,2,3-cd)pyrene	80		ug/Kg	41	6.2	4	338434	04/22/24	04/23/24	DJL
Dibenz(a,h)anthracene	18	J	ug/Kg	41	11	4	338434	04/22/24	04/23/24	DJL
Benzo(g,h,i)perylene	77		ug/Kg	41	6.7	4	338434	04/22/24	04/23/24	DJL
Surrogates				Limits						
Nitrobenzene-d5	63%		%REC	27-125		4	338434	04/22/24	04/23/24	DJL
2-Fluorobiphenyl	82%		%REC	30-120		4	338434	04/22/24	04/23/24	DJL
Terphenyl-d14	74%		%REC	33-155		4	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

Sample ID: GRB 3	Lab ID: 506597-003	Collected: 04/17/24 11:26
	Matrix: Soil	Basis: Dry

506597-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	ND		%	1		1	338539	04/23/24	04/24/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	2.9	0.85	0.96	338460	04/22/24	04/23/24	SBW
Arsenic	0.76	J	mg/Kg	0.96	0.24	0.96	338460	04/22/24	04/23/24	SBW
Barium	38		mg/Kg	0.96	0.077	0.96	338460	04/22/24	04/23/24	SBW
Beryllium	0.082	J	mg/Kg	0.48	0.0060	0.96	338460	04/22/24	04/23/24	SBW
Cadmium	ND		mg/Kg	0.48	0.035	0.96	338460	04/22/24	04/23/24	SBW
Chromium	8.9		mg/Kg	0.96	0.22	0.96	338460	04/22/24	04/23/24	SBW
Cobalt	13		mg/Kg	0.48	0.21	0.96	338460	04/22/24	04/23/24	SBW
Copper	88		mg/Kg	0.96	0.14	0.96	338460	04/22/24	04/23/24	SBW
Lead	14		mg/Kg	0.96	0.25	0.96	338460	04/22/24	04/23/24	SBW
Molybdenum	0.43	J	mg/Kg	0.96	0.11	0.96	338460	04/22/24	04/23/24	SBW
Nickel	4.1		mg/Kg	0.96	0.11	0.96	338460	04/22/24	04/23/24	SBW
Selenium	1.9	J	mg/Kg	2.9	0.52	0.96	338460	04/22/24	04/23/24	SBW
Silver	ND		mg/Kg	0.48	0.059	0.96	338460	04/22/24	04/23/24	SBW
Thallium	ND		mg/Kg	2.9	0.32	0.96	338460	04/22/24	04/23/24	SBW
Vanadium	150		mg/Kg	0.96	0.049	0.96	338460	04/22/24	04/23/24	SBW
Zinc	38		mg/Kg	4.8	0.23	0.96	338460	04/22/24	04/23/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.14	0.036	1	338476	04/23/24	04/23/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M										
GRO C6-C12	ND		mg/Kg	9.9		0.99	338396	04/22/24	04/23/24	KMB
DRO C10-C28	4.1	J	mg/Kg	9.9	3.4	0.99	338396	04/22/24	04/23/24	KMB
ORO C28-C44	4.0	J	mg/Kg	20	3.4	0.99	338396	04/22/24	04/23/24	KMB
Surrogates				Limits						
n-Triacontane	79%		%REC	70-130		0.99	338396	04/22/24	04/23/24	KMB
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.1	1.0	1	338386	04/22/24	04/23/24	MES
beta-BHC	ND		ug/Kg	5.1	1.4	1	338386	04/22/24	04/23/24	MES
gamma-BHC	ND		ug/Kg	5.1	1.0	1	338386	04/22/24	04/23/24	MES
delta-BHC	ND		ug/Kg	5.1	1.2	1	338386	04/22/24	04/23/24	MES
Heptachlor	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Aldrin	ND		ug/Kg	5.1	1.4	1	338386	04/22/24	04/23/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan I	ND		ug/Kg	5.1	1.4	1	338386	04/22/24	04/23/24	MES
Dieldrin	ND		ug/Kg	5.1	1.6	1	338386	04/22/24	04/23/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1.5	1	338386	04/22/24	04/23/24	MES
Endrin	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan II	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	2.1	1	338386	04/22/24	04/23/24	MES
4,4'-DDD	ND		ug/Kg	5.1	0.95	1	338386	04/22/24	04/23/24	MES

Analysis Results for 506597

506597-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.1	1.2	1	338386	04/22/24	04/23/24	MES
Endrin ketone	ND		ug/Kg	5.1	1.5	1	338386	04/22/24	04/23/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1.8	1	338386	04/22/24	04/23/24	MES
Methoxychlor	ND		ug/Kg	10	2.3	1	338386	04/22/24	04/23/24	MES
Toxaphene	ND		ug/Kg	100	32	1	338386	04/22/24	04/23/24	MES
Chlordane (Technical)	ND		ug/Kg	51	9.3	1	338386	04/22/24	04/23/24	MES
Surrogates				Limits						
TCMX	64%		%REC	23-120		1	338386	04/22/24	04/23/24	MES
Decachlorobiphenyl	54%		%REC	24-120		1	338386	04/22/24	04/23/24	MES

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	51	13	1	338386	04/22/24	04/23/24	MES
Aroclor-1221	ND		ug/Kg	51	11	1	338386	04/22/24	04/23/24	MES
Aroclor-1232	ND		ug/Kg	51	11	1	338386	04/22/24	04/23/24	MES
Aroclor-1242	ND		ug/Kg	51	16	1	338386	04/22/24	04/23/24	MES
Aroclor-1248	ND		ug/Kg	51	17	1	338386	04/22/24	04/23/24	MES
Aroclor-1254	ND		ug/Kg	51	16	1	338386	04/22/24	04/23/24	MES
Aroclor-1260	ND		ug/Kg	51	23	1	338386	04/22/24	04/23/24	MES
Aroclor-1262	ND		ug/Kg	51	13	1	338386	04/22/24	04/23/24	MES
Aroclor-1268	ND		ug/Kg	51	15	1	338386	04/22/24	04/23/24	MES

Surrogates

Limits

Decachlorobiphenyl (PCB)	68%		%REC	19-121		1	338386	04/22/24	04/23/24	MES
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Method: EPA 8260B

Prep Method: EPA 5030B

Freon 12	ND		ug/Kg	250	130	50	338582	04/24/24	04/24/24	TCN
Chloromethane	ND		ug/Kg	250	180	50	338582	04/24/24	04/24/24	TCN
Vinyl Chloride	ND		ug/Kg	250	81	50	338582	04/24/24	04/24/24	TCN
Bromomethane	ND		ug/Kg	250	190	50	338582	04/24/24	04/24/24	TCN
Chloroethane	ND		ug/Kg	250	130	50	338582	04/24/24	04/24/24	TCN
Trichlorofluoromethane	ND		ug/Kg	250	99	50	338582	04/24/24	04/24/24	TCN
Acetone	ND		ug/Kg	5,000	1,900	50	338582	04/24/24	04/24/24	TCN
Freon 113	ND		ug/Kg	250	69	50	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethene	ND		ug/Kg	250	64	50	338582	04/24/24	04/24/24	TCN
Methylene Chloride	ND		ug/Kg	1,000		50	338582	04/24/24	04/24/24	TCN
MTBE	ND		ug/Kg	250	66	50	338582	04/24/24	04/24/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	250	49	50	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethane	ND		ug/Kg	250	52	50	338582	04/24/24	04/24/24	TCN
2-Butanone	ND		ug/Kg	5,000	280	50	338582	04/24/24	04/24/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	250	59	50	338582	04/24/24	04/24/24	TCN
2,2-Dichloropropane	ND		ug/Kg	250	45	50	338582	04/24/24	04/24/24	TCN
Chloroform	ND		ug/Kg	250	78	50	338582	04/24/24	04/24/24	TCN
Bromochloromethane	ND		ug/Kg	250	68	50	338582	04/24/24	04/24/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	250	57	50	338582	04/24/24	04/24/24	TCN
1,1-Dichloropropene	ND		ug/Kg	250	68	50	338582	04/24/24	04/24/24	TCN
Carbon Tetrachloride	ND		ug/Kg	250	56	50	338582	04/24/24	04/24/24	TCN
1,2-Dichloroethane	ND		ug/Kg	250	98	50	338582	04/24/24	04/24/24	TCN
Benzene	ND		ug/Kg	250	33	50	338582	04/24/24	04/24/24	TCN
Trichloroethene	ND		ug/Kg	250	38	50	338582	04/24/24	04/24/24	TCN
1,2-Dichloropropane	ND		ug/Kg	250	31	50	338582	04/24/24	04/24/24	TCN
Bromodichloromethane	ND		ug/Kg	250	40	50	338582	04/24/24	04/24/24	TCN
Dibromomethane	ND		ug/Kg	250	55	50	338582	04/24/24	04/24/24	TCN

Analysis Results for 506597

506597-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
4-Methyl-2-Pentanone	ND		ug/Kg	250	85	50	338582	04/24/24	04/24/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	250	44	50	338582	04/24/24	04/24/24	TCN
Toluene	ND		ug/Kg	250	51	50	338582	04/24/24	04/24/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	250	57	50	338582	04/24/24	04/24/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	250	33	50	338582	04/24/24	04/24/24	TCN
1,3-Dichloropropane	ND		ug/Kg	250	43	50	338582	04/24/24	04/24/24	TCN
Tetrachloroethene	ND		ug/Kg	250	37	50	338582	04/24/24	04/24/24	TCN
Dibromochloromethane	ND		ug/Kg	250	41	50	338582	04/24/24	04/24/24	TCN
1,2-Dibromoethane	ND		ug/Kg	250	31	50	338582	04/24/24	04/24/24	TCN
Chlorobenzene	ND		ug/Kg	250	46	50	338582	04/24/24	04/24/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	57	50	338582	04/24/24	04/24/24	TCN
Ethylbenzene	ND		ug/Kg	250	54	50	338582	04/24/24	04/24/24	TCN
m,p-Xylenes	ND		ug/Kg	500	120	50	338582	04/24/24	04/24/24	TCN
o-Xylene	ND		ug/Kg	250	52	50	338582	04/24/24	04/24/24	TCN
Styrene	ND		ug/Kg	250	47	50	338582	04/24/24	04/24/24	TCN
Bromoform	ND		ug/Kg	250	43	50	338582	04/24/24	04/24/24	TCN
Isopropylbenzene	ND		ug/Kg	250	42	50	338582	04/24/24	04/24/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	54	50	338582	04/24/24	04/24/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	250	72	50	338582	04/24/24	04/24/24	TCN
Propylbenzene	ND		ug/Kg	250	40	50	338582	04/24/24	04/24/24	TCN
Bromobenzene	ND		ug/Kg	250	45	50	338582	04/24/24	04/24/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	250	36	50	338582	04/24/24	04/24/24	TCN
2-Chlorotoluene	ND		ug/Kg	250	52	50	338582	04/24/24	04/24/24	TCN
4-Chlorotoluene	ND		ug/Kg	250	41	50	338582	04/24/24	04/24/24	TCN
tert-Butylbenzene	ND		ug/Kg	250	33	50	338582	04/24/24	04/24/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	250	47	50	338582	04/24/24	04/24/24	TCN
sec-Butylbenzene	ND		ug/Kg	250	37	50	338582	04/24/24	04/24/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	250	37	50	338582	04/24/24	04/24/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	250	38	50	338582	04/24/24	04/24/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	250	42	50	338582	04/24/24	04/24/24	TCN
n-Butylbenzene	ND		ug/Kg	250	58	50	338582	04/24/24	04/24/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	250	44	50	338582	04/24/24	04/24/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	77	50	338582	04/24/24	04/24/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	67	50	338582	04/24/24	04/24/24	TCN
Hexachlorobutadiene	ND		ug/Kg	250	56	50	338582	04/24/24	04/24/24	TCN
Naphthalene	ND		ug/Kg	250	73	50	338582	04/24/24	04/24/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	250	58	50	338582	04/24/24	04/24/24	TCN
Surrogates				Limits						
Dibromofluoromethane	96%		%REC	70-145		50	338582	04/24/24	04/24/24	TCN
1,2-Dichloroethane-d4	98%		%REC	70-145		50	338582	04/24/24	04/24/24	TCN
Toluene-d8	99%		%REC	70-145		50	338582	04/24/24	04/24/24	TCN
Bromofluorobenzene	101%		%REC	70-145		50	338582	04/24/24	04/24/24	TCN
Method: EPA 8270C-SIM Prep Method: EPA 3546										
1-Methylnaphthalene	ND		ug/Kg	10	1.5	1	338434	04/22/24	04/23/24	DJL
2-Methylnaphthalene	ND		ug/Kg	10	1.5	1	338434	04/22/24	04/23/24	DJL
Naphthalene	ND		ug/Kg	10	3.6	1	338434	04/22/24	04/23/24	DJL
Acenaphthylene	ND		ug/Kg	10	1.6	1	338434	04/22/24	04/23/24	DJL
Acenaphthene	ND		ug/Kg	10	1.0	1	338434	04/22/24	04/23/24	DJL
Fluorene	ND		ug/Kg	10	1.3	1	338434	04/22/24	04/23/24	DJL
Phenanthrene	6.0	J	ug/Kg	10	2.2	1	338434	04/22/24	04/23/24	DJL
Anthracene	2.7	J	ug/Kg	10	1.4	1	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

506597-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Fluoranthene	19		ug/Kg	10	3.4	1	338434	04/22/24	04/23/24	DJL
Pyrene	12		ug/Kg	10	3.7	1	338434	04/22/24	04/23/24	DJL
Benzo(a)anthracene	3.9	J	ug/Kg	10	1.1	1	338434	04/22/24	04/23/24	DJL
Chrysene	20		ug/Kg	10	0.97	1	338434	04/22/24	04/23/24	DJL
Benzo(b)fluoranthene	35		ug/Kg	10	0.93	1	338434	04/22/24	04/23/24	DJL
Benzo(k)fluoranthene	10		ug/Kg	10	1.1	1	338434	04/22/24	04/23/24	DJL
Benzo(a)pyrene	4.1	J	ug/Kg	10	1.3	1	338434	04/22/24	04/23/24	DJL
Indeno(1,2,3-cd)pyrene	9.5	J	ug/Kg	10	1.5	1	338434	04/22/24	04/23/24	DJL
Dibenz(a,h)anthracene	ND		ug/Kg	10	2.8	1	338434	04/22/24	04/23/24	DJL
Benzo(g,h,i)perylene	9.9	J	ug/Kg	10	1.7	1	338434	04/22/24	04/23/24	DJL
Surrogates				Limits						
Nitrobenzene-d5	56%		%REC	27-125		1	338434	04/22/24	04/23/24	DJL
2-Fluorobiphenyl	53%		%REC	30-120		1	338434	04/22/24	04/23/24	DJL
Terphenyl-d14	58%		%REC	33-155		1	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

Sample ID: GRB 4	Lab ID: 506597-004	Collected: 04/17/24 11:29
	Matrix: Soil	Basis: Dry

506597-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	ND		%	1		1	338539	04/23/24	04/24/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.0	0.87	0.98	338460	04/22/24	04/23/24	SBW
Arsenic	0.81	J	mg/Kg	0.99	0.25	0.98	338460	04/22/24	04/23/24	SBW
Barium	27		mg/Kg	0.99	0.079	0.98	338460	04/22/24	04/23/24	SBW
Beryllium	0.057	J	mg/Kg	0.50	0.0062	0.98	338460	04/22/24	04/23/24	SBW
Cadmium	ND		mg/Kg	0.50	0.036	0.98	338460	04/22/24	04/23/24	SBW
Chromium	8.9		mg/Kg	0.99	0.23	0.98	338460	04/22/24	04/23/24	SBW
Cobalt	9.5		mg/Kg	0.50	0.22	0.98	338460	04/22/24	04/23/24	SBW
Copper	88		mg/Kg	0.99	0.14	0.98	338460	04/22/24	04/23/24	SBW
Lead	22		mg/Kg	0.99	0.26	0.98	338460	04/22/24	04/23/24	SBW
Molybdenum	0.56	J	mg/Kg	0.99	0.11	0.98	338460	04/22/24	04/23/24	SBW
Nickel	4.9		mg/Kg	0.99	0.12	0.98	338460	04/22/24	04/23/24	SBW
Selenium	1.1	J	mg/Kg	3.0	0.54	0.98	338460	04/22/24	04/23/24	SBW
Silver	ND		mg/Kg	0.50	0.061	0.98	338460	04/22/24	04/23/24	SBW
Thallium	ND		mg/Kg	3.0	0.33	0.98	338460	04/22/24	04/23/24	SBW
Vanadium	94		mg/Kg	0.99	0.051	0.98	338460	04/22/24	04/23/24	SBW
Zinc	30		mg/Kg	5.0	0.23	0.98	338460	04/22/24	04/23/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.16	0.040	1.1	338476	04/23/24	04/23/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M										
GRO C6-C12	ND		mg/Kg	10		1	338396	04/22/24	04/23/24	KMB
DRO C10-C28	4.8	J	mg/Kg	10	3.5	1	338396	04/22/24	04/23/24	KMB
ORO C28-C44	5.4	J	mg/Kg	20	3.5	1	338396	04/22/24	04/23/24	KMB
Surrogates				Limits						
n-Triacontane	96%		%REC	70-130		1	338396	04/22/24	04/23/24	KMB
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.1	1.0	1	338386	04/22/24	04/23/24	MES
beta-BHC	ND		ug/Kg	5.1	1.4	1	338386	04/22/24	04/23/24	MES
gamma-BHC	ND		ug/Kg	5.1	1.0	1	338386	04/22/24	04/23/24	MES
delta-BHC	ND		ug/Kg	5.1	1.2	1	338386	04/22/24	04/23/24	MES
Heptachlor	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Aldrin	ND		ug/Kg	5.1	1.4	1	338386	04/22/24	04/23/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan I	ND		ug/Kg	5.1	1.4	1	338386	04/22/24	04/23/24	MES
Dieldrin	ND		ug/Kg	5.1	1.6	1	338386	04/22/24	04/23/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1.5	1	338386	04/22/24	04/23/24	MES
Endrin	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan II	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	2.1	1	338386	04/22/24	04/23/24	MES
4,4'-DDD	ND		ug/Kg	5.1	0.95	1	338386	04/22/24	04/23/24	MES

Analysis Results for 506597

506597-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.1	1.2	1	338386	04/22/24	04/23/24	MES
Endrin ketone	ND		ug/Kg	5.1	1.5	1	338386	04/22/24	04/23/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1.8	1	338386	04/22/24	04/23/24	MES
Methoxychlor	ND		ug/Kg	10	2.3	1	338386	04/22/24	04/23/24	MES
Toxaphene	ND		ug/Kg	100	32	1	338386	04/22/24	04/23/24	MES
Chlordane (Technical)	ND		ug/Kg	51	9.3	1	338386	04/22/24	04/23/24	MES
Surrogates				Limits						
TCMX	71%		%REC	23-120		1	338386	04/22/24	04/23/24	MES
Decachlorobiphenyl	70%		%REC	24-120		1	338386	04/22/24	04/23/24	MES

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	51	13	1	338386	04/22/24	04/23/24	MES
Aroclor-1221	ND		ug/Kg	51	11	1	338386	04/22/24	04/23/24	MES
Aroclor-1232	ND		ug/Kg	51	11	1	338386	04/22/24	04/23/24	MES
Aroclor-1242	ND		ug/Kg	51	16	1	338386	04/22/24	04/23/24	MES
Aroclor-1248	ND		ug/Kg	51	17	1	338386	04/22/24	04/23/24	MES
Aroclor-1254	ND		ug/Kg	51	16	1	338386	04/22/24	04/23/24	MES
Aroclor-1260	ND		ug/Kg	51	23	1	338386	04/22/24	04/23/24	MES
Aroclor-1262	ND		ug/Kg	51	13	1	338386	04/22/24	04/23/24	MES
Aroclor-1268	ND		ug/Kg	51	15	1	338386	04/22/24	04/23/24	MES

Surrogates

Limits

Decachlorobiphenyl (PCB)	88%		%REC	19-121		1	338386	04/22/24	04/23/24	MES
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Method: EPA 8260B

Prep Method: EPA 5030B

Freon 12	ND		ug/Kg	250	130	50	338582	04/24/24	04/24/24	TCN
Chloromethane	ND		ug/Kg	250	190	50	338582	04/24/24	04/24/24	TCN
Vinyl Chloride	ND		ug/Kg	250	81	50	338582	04/24/24	04/24/24	TCN
Bromomethane	ND		ug/Kg	250	190	50	338582	04/24/24	04/24/24	TCN
Chloroethane	ND		ug/Kg	250	130	50	338582	04/24/24	04/24/24	TCN
Trichlorofluoromethane	ND		ug/Kg	250	100	50	338582	04/24/24	04/24/24	TCN
Acetone	ND		ug/Kg	5,100	1,900	50	338582	04/24/24	04/24/24	TCN
Freon 113	ND		ug/Kg	250	69	50	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethene	ND		ug/Kg	250	65	50	338582	04/24/24	04/24/24	TCN
Methylene Chloride	ND		ug/Kg	1,000		50	338582	04/24/24	04/24/24	TCN
MTBE	ND		ug/Kg	250	66	50	338582	04/24/24	04/24/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	250	50	50	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethane	ND		ug/Kg	250	52	50	338582	04/24/24	04/24/24	TCN
2-Butanone	ND		ug/Kg	5,100	280	50	338582	04/24/24	04/24/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	250	59	50	338582	04/24/24	04/24/24	TCN
2,2-Dichloropropane	ND		ug/Kg	250	45	50	338582	04/24/24	04/24/24	TCN
Chloroform	ND		ug/Kg	250	79	50	338582	04/24/24	04/24/24	TCN
Bromochloromethane	ND		ug/Kg	250	69	50	338582	04/24/24	04/24/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	250	58	50	338582	04/24/24	04/24/24	TCN
1,1-Dichloropropene	ND		ug/Kg	250	69	50	338582	04/24/24	04/24/24	TCN
Carbon Tetrachloride	ND		ug/Kg	250	57	50	338582	04/24/24	04/24/24	TCN
1,2-Dichloroethane	ND		ug/Kg	250	99	50	338582	04/24/24	04/24/24	TCN
Benzene	ND		ug/Kg	250	33	50	338582	04/24/24	04/24/24	TCN
Trichloroethene	ND		ug/Kg	250	38	50	338582	04/24/24	04/24/24	TCN
1,2-Dichloropropane	ND		ug/Kg	250	31	50	338582	04/24/24	04/24/24	TCN
Bromodichloromethane	ND		ug/Kg	250	40	50	338582	04/24/24	04/24/24	TCN
Dibromomethane	ND		ug/Kg	250	56	50	338582	04/24/24	04/24/24	TCN

Analysis Results for 506597

506597-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
4-Methyl-2-Pentanone	ND		ug/Kg	250	86	50	338582	04/24/24	04/24/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	250	45	50	338582	04/24/24	04/24/24	TCN
Toluene	ND		ug/Kg	250	52	50	338582	04/24/24	04/24/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	250	58	50	338582	04/24/24	04/24/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	250	34	50	338582	04/24/24	04/24/24	TCN
1,3-Dichloropropane	ND		ug/Kg	250	44	50	338582	04/24/24	04/24/24	TCN
Tetrachloroethene	ND		ug/Kg	250	37	50	338582	04/24/24	04/24/24	TCN
Dibromochloromethane	ND		ug/Kg	250	42	50	338582	04/24/24	04/24/24	TCN
1,2-Dibromoethane	ND		ug/Kg	250	31	50	338582	04/24/24	04/24/24	TCN
Chlorobenzene	ND		ug/Kg	250	46	50	338582	04/24/24	04/24/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	57	50	338582	04/24/24	04/24/24	TCN
Ethylbenzene	ND		ug/Kg	250	55	50	338582	04/24/24	04/24/24	TCN
m,p-Xylenes	ND		ug/Kg	510	120	50	338582	04/24/24	04/24/24	TCN
o-Xylene	ND		ug/Kg	250	52	50	338582	04/24/24	04/24/24	TCN
Styrene	ND		ug/Kg	250	47	50	338582	04/24/24	04/24/24	TCN
Bromoform	ND		ug/Kg	250	44	50	338582	04/24/24	04/24/24	TCN
Isopropylbenzene	ND		ug/Kg	250	43	50	338582	04/24/24	04/24/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	55	50	338582	04/24/24	04/24/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	250	73	50	338582	04/24/24	04/24/24	TCN
Propylbenzene	ND		ug/Kg	250	41	50	338582	04/24/24	04/24/24	TCN
Bromobenzene	ND		ug/Kg	250	45	50	338582	04/24/24	04/24/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	250	36	50	338582	04/24/24	04/24/24	TCN
2-Chlorotoluene	ND		ug/Kg	250	53	50	338582	04/24/24	04/24/24	TCN
4-Chlorotoluene	ND		ug/Kg	250	41	50	338582	04/24/24	04/24/24	TCN
tert-Butylbenzene	ND		ug/Kg	250	33	50	338582	04/24/24	04/24/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	250	47	50	338582	04/24/24	04/24/24	TCN
sec-Butylbenzene	ND		ug/Kg	250	38	50	338582	04/24/24	04/24/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	250	37	50	338582	04/24/24	04/24/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	250	38	50	338582	04/24/24	04/24/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	250	43	50	338582	04/24/24	04/24/24	TCN
n-Butylbenzene	ND		ug/Kg	250	59	50	338582	04/24/24	04/24/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	250	44	50	338582	04/24/24	04/24/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	78	50	338582	04/24/24	04/24/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	68	50	338582	04/24/24	04/24/24	TCN
Hexachlorobutadiene	ND		ug/Kg	250	57	50	338582	04/24/24	04/24/24	TCN
Naphthalene	ND		ug/Kg	250	73	50	338582	04/24/24	04/24/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	250	59	50	338582	04/24/24	04/24/24	TCN

Surrogates	Limits			DF	Batch	Prepared	Analyzed	Chemist
Dibromofluoromethane	96%	%REC	70-145	50	338582	04/24/24	04/24/24	TCN
1,2-Dichloroethane-d4	99%	%REC	70-145	50	338582	04/24/24	04/24/24	TCN
Toluene-d8	98%	%REC	70-145	50	338582	04/24/24	04/24/24	TCN
Bromofluorobenzene	100%	%REC	70-145	50	338582	04/24/24	04/24/24	TCN

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	1.5	0.99	338434	04/22/24	04/23/24	DJL
2-Methylnaphthalene	ND		ug/Kg	10	1.5	0.99	338434	04/22/24	04/23/24	DJL
Naphthalene	ND		ug/Kg	10	3.6	0.99	338434	04/22/24	04/23/24	DJL
Acenaphthylene	ND		ug/Kg	10	1.6	0.99	338434	04/22/24	04/23/24	DJL
Acenaphthene	ND		ug/Kg	10	1.0	0.99	338434	04/22/24	04/23/24	DJL
Fluorene	ND		ug/Kg	10	1.2	0.99	338434	04/22/24	04/23/24	DJL
Phenanthrene	6.1	J	ug/Kg	10	2.2	0.99	338434	04/22/24	04/23/24	DJL
Anthracene	3.6	J	ug/Kg	10	1.4	0.99	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

506597-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Fluoranthene	28		ug/Kg	10	3.4	0.99	338434	04/22/24	04/23/24	DJL
Pyrene	11		ug/Kg	10	3.6	0.99	338434	04/22/24	04/23/24	DJL
Benzo(a)anthracene	3.1	J	ug/Kg	10	1.1	0.99	338434	04/22/24	04/23/24	DJL
Chrysene	7.9	J	ug/Kg	10	0.96	0.99	338434	04/22/24	04/23/24	DJL
Benzo(b)fluoranthene	15		ug/Kg	10	0.93	0.99	338434	04/22/24	04/23/24	DJL
Benzo(k)fluoranthene	4.3	J	ug/Kg	10	1.1	0.99	338434	04/22/24	04/23/24	DJL
Benzo(a)pyrene	3.7	J	ug/Kg	10	1.3	0.99	338434	04/22/24	04/23/24	DJL
Indeno(1,2,3-cd)pyrene	4.8	J	ug/Kg	10	1.5	0.99	338434	04/22/24	04/23/24	DJL
Dibenz(a,h)anthracene	ND		ug/Kg	10	2.8	0.99	338434	04/22/24	04/23/24	DJL
Benzo(g,h,i)perylene	6.9	J	ug/Kg	10	1.7	0.99	338434	04/22/24	04/23/24	DJL
Surrogates				Limits						
Nitrobenzene-d5	61%		%REC	27-125		0.99	338434	04/22/24	04/23/24	DJL
2-Fluorobiphenyl	66%		%REC	30-120		0.99	338434	04/22/24	04/23/24	DJL
Terphenyl-d14	74%		%REC	33-155		0.99	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

Sample ID: GRB 5	Lab ID: 506597-005	Collected: 04/17/24 11:35
	Matrix: Soil	Basis: Dry

506597-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	ND		%	1		1	338539	04/23/24	04/24/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	2.9	0.85	0.97	338460	04/22/24	04/23/24	SBW
Arsenic	15		mg/Kg	0.97	0.25	0.97	338460	04/22/24	04/23/24	SBW
Barium	14		mg/Kg	0.97	0.077	0.97	338460	04/22/24	04/23/24	SBW
Beryllium	0.12	J	mg/Kg	0.49	0.0061	0.97	338460	04/22/24	04/23/24	SBW
Cadmium	0.22	J	mg/Kg	0.49	0.035	0.97	338460	04/22/24	04/23/24	SBW
Chromium	12		mg/Kg	0.97	0.22	0.97	338460	04/22/24	04/23/24	SBW
Cobalt	2.2		mg/Kg	0.49	0.22	0.97	338460	04/22/24	04/23/24	SBW
Copper	16		mg/Kg	0.97	0.14	0.97	338460	04/22/24	04/23/24	SBW
Lead	12		mg/Kg	0.97	0.25	0.97	338460	04/22/24	04/23/24	SBW
Molybdenum	0.53	J	mg/Kg	0.97	0.11	0.97	338460	04/22/24	04/23/24	SBW
Nickel	10		mg/Kg	0.97	0.12	0.97	338460	04/22/24	04/23/24	SBW
Selenium	ND		mg/Kg	2.9	0.52	0.97	338460	04/22/24	04/23/24	SBW
Silver	ND		mg/Kg	0.49	0.060	0.97	338460	04/22/24	04/23/24	SBW
Thallium	ND		mg/Kg	2.9	0.33	0.97	338460	04/22/24	04/23/24	SBW
Vanadium	15		mg/Kg	0.97	0.050	0.97	338460	04/22/24	04/23/24	SBW
Zinc	35		mg/Kg	4.9	0.23	0.97	338460	04/22/24	04/23/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.17	0.042	1.2	338476	04/23/24	04/23/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M										
GRO C6-C12	ND		mg/Kg	9.9		0.99	338396	04/22/24	04/23/24	KMB
DRO C10-C28	27		mg/Kg	9.9	3.4	0.99	338396	04/22/24	04/23/24	KMB
ORO C28-C44	30		mg/Kg	20	3.4	0.99	338396	04/22/24	04/23/24	KMB
Surrogates				Limits						
n-Triacontane	86%		%REC	70-130		0.99	338396	04/22/24	04/23/24	KMB
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.1	1.0	1	338386	04/22/24	04/23/24	MES
beta-BHC	ND		ug/Kg	5.1	1.4	1	338386	04/22/24	04/23/24	MES
gamma-BHC	ND		ug/Kg	5.1	1.0	1	338386	04/22/24	04/23/24	MES
delta-BHC	ND		ug/Kg	5.1	1.2	1	338386	04/22/24	04/23/24	MES
Heptachlor	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Aldrin	ND		ug/Kg	5.1	1.4	1	338386	04/22/24	04/23/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan I	ND		ug/Kg	5.1	1.4	1	338386	04/22/24	04/23/24	MES
Dieldrin	ND		ug/Kg	5.1	1.6	1	338386	04/22/24	04/23/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1.5	1	338386	04/22/24	04/23/24	MES
Endrin	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan II	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	2.1	1	338386	04/22/24	04/23/24	MES
4,4'-DDD	ND		ug/Kg	5.1	0.95	1	338386	04/22/24	04/23/24	MES

Analysis Results for 506597

506597-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.1	1.2	1	338386	04/22/24	04/23/24	MES
Endrin ketone	ND		ug/Kg	5.1	1.5	1	338386	04/22/24	04/23/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1.8	1	338386	04/22/24	04/23/24	MES
Methoxychlor	ND		ug/Kg	10	2.3	1	338386	04/22/24	04/23/24	MES
Toxaphene	ND		ug/Kg	100	32	1	338386	04/22/24	04/23/24	MES
Chlordane (Technical)	ND		ug/Kg	51	9.3	1	338386	04/22/24	04/23/24	MES
Surrogates				Limits						
TCMX	62%		%REC	23-120		1	338386	04/22/24	04/23/24	MES
Decachlorobiphenyl	48%		%REC	24-120		1	338386	04/22/24	04/23/24	MES

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	51	13	1	338386	04/22/24	04/23/24	MES
Aroclor-1221	ND		ug/Kg	51	11	1	338386	04/22/24	04/23/24	MES
Aroclor-1232	ND		ug/Kg	51	11	1	338386	04/22/24	04/23/24	MES
Aroclor-1242	ND		ug/Kg	51	16	1	338386	04/22/24	04/23/24	MES
Aroclor-1248	ND		ug/Kg	51	17	1	338386	04/22/24	04/23/24	MES
Aroclor-1254	ND		ug/Kg	51	16	1	338386	04/22/24	04/23/24	MES
Aroclor-1260	ND		ug/Kg	51	23	1	338386	04/22/24	04/23/24	MES
Aroclor-1262	ND		ug/Kg	51	13	1	338386	04/22/24	04/23/24	MES
Aroclor-1268	ND		ug/Kg	51	15	1	338386	04/22/24	04/23/24	MES

Surrogates

Limits

Decachlorobiphenyl (PCB)	62%		%REC	19-121		1	338386	04/22/24	04/23/24	MES
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Method: EPA 8260B

Prep Method: EPA 5030B

Freon 12	ND		ug/Kg	5.0	0.9	1	338582	04/24/24	04/24/24	TCN
Chloromethane	ND		ug/Kg	5.0	0.8	1	338582	04/24/24	04/24/24	TCN
Vinyl Chloride	ND		ug/Kg	5.0	1.0	1	338582	04/24/24	04/24/24	TCN
Bromomethane	ND		ug/Kg	5.0	1.1	1	338582	04/24/24	04/24/24	TCN
Chloroethane	ND		ug/Kg	5.0	2.5	1	338582	04/24/24	04/24/24	TCN
Trichlorofluoromethane	ND		ug/Kg	5.0	0.8	1	338582	04/24/24	04/24/24	TCN
Acetone	ND		ug/Kg	100	32	1	338582	04/24/24	04/24/24	TCN
Freon 113	ND		ug/Kg	5.0	0.7	1	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethene	ND		ug/Kg	5.0	1.0	1	338582	04/24/24	04/24/24	TCN
Methylene Chloride	ND		ug/Kg	20		1	338582	04/24/24	04/24/24	TCN
MTBE	ND		ug/Kg	5.0	1.0	1	338582	04/24/24	04/24/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1.1	1	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethane	ND		ug/Kg	5.0	0.9	1	338582	04/24/24	04/24/24	TCN
2-Butanone	ND		ug/Kg	100	4.3	1	338582	04/24/24	04/24/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	0.8	1	338582	04/24/24	04/24/24	TCN
2,2-Dichloropropane	ND		ug/Kg	5.0	2.5	1	338582	04/24/24	04/24/24	TCN
Chloroform	ND		ug/Kg	5.0	1.0	1	338582	04/24/24	04/24/24	TCN
Bromochloromethane	ND		ug/Kg	5.0	0.4	1	338582	04/24/24	04/24/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1.3	1	338582	04/24/24	04/24/24	TCN
1,1-Dichloropropene	ND		ug/Kg	5.0	0.8	1	338582	04/24/24	04/24/24	TCN
Carbon Tetrachloride	ND		ug/Kg	5.0	1.2	1	338582	04/24/24	04/24/24	TCN
1,2-Dichloroethane	ND		ug/Kg	5.0	1.0	1	338582	04/24/24	04/24/24	TCN
Benzene	ND		ug/Kg	5.0	0.5	1	338582	04/24/24	04/24/24	TCN
Trichloroethene	ND		ug/Kg	5.0	0.7	1	338582	04/24/24	04/24/24	TCN
1,2-Dichloropropane	ND		ug/Kg	5.0	0.8	1	338582	04/24/24	04/24/24	TCN
Bromodichloromethane	ND		ug/Kg	5.0	1.1	1	338582	04/24/24	04/24/24	TCN
Dibromomethane	ND		ug/Kg	5.0	0.5	1	338582	04/24/24	04/24/24	TCN

Analysis Results for 506597

506597-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1.6	1	338582	04/24/24	04/24/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1.0	1	338582	04/24/24	04/24/24	TCN
Toluene	ND		ug/Kg	5.0	0.9	1	338582	04/24/24	04/24/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1.4	1	338582	04/24/24	04/24/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	5.0	0.4	1	338582	04/24/24	04/24/24	TCN
1,3-Dichloropropane	ND		ug/Kg	5.0	0.6	1	338582	04/24/24	04/24/24	TCN
Tetrachloroethene	ND		ug/Kg	5.0	0.5	1	338582	04/24/24	04/24/24	TCN
Dibromochloromethane	ND		ug/Kg	5.0	0.6	1	338582	04/24/24	04/24/24	TCN
1,2-Dibromoethane	ND		ug/Kg	5.0	0.6	1	338582	04/24/24	04/24/24	TCN
Chlorobenzene	ND		ug/Kg	5.0	0.4	1	338582	04/24/24	04/24/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	0.7	1	338582	04/24/24	04/24/24	TCN
Ethylbenzene	ND		ug/Kg	5.0	0.6	1	338582	04/24/24	04/24/24	TCN
m,p-Xylenes	ND		ug/Kg	10	0.8	1	338582	04/24/24	04/24/24	TCN
o-Xylene	ND		ug/Kg	5.0	0.5	1	338582	04/24/24	04/24/24	TCN
Styrene	ND		ug/Kg	5.0	0.3	1	338582	04/24/24	04/24/24	TCN
Bromoform	ND		ug/Kg	5.0	1.0	1	338582	04/24/24	04/24/24	TCN
Isopropylbenzene	ND		ug/Kg	5.0	0.3	1	338582	04/24/24	04/24/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	0.5	1	338582	04/24/24	04/24/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1.2	1	338582	04/24/24	04/24/24	TCN
Propylbenzene	ND		ug/Kg	5.0	0.3	1	338582	04/24/24	04/24/24	TCN
Bromobenzene	ND		ug/Kg	5.0	0.5	1	338582	04/24/24	04/24/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	0.4	1	338582	04/24/24	04/24/24	TCN
2-Chlorotoluene	ND		ug/Kg	5.0	0.4	1	338582	04/24/24	04/24/24	TCN
4-Chlorotoluene	ND		ug/Kg	5.0	0.4	1	338582	04/24/24	04/24/24	TCN
tert-Butylbenzene	ND		ug/Kg	5.0	0.4	1	338582	04/24/24	04/24/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	0.4	1	338582	04/24/24	04/24/24	TCN
sec-Butylbenzene	ND		ug/Kg	5.0	0.5	1	338582	04/24/24	04/24/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	5.0	0.3	1	338582	04/24/24	04/24/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	5.0	0.4	1	338582	04/24/24	04/24/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	5.0	0.3	1	338582	04/24/24	04/24/24	TCN
n-Butylbenzene	ND		ug/Kg	5.0	0.4	1	338582	04/24/24	04/24/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	5.0	0.4	1	338582	04/24/24	04/24/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1.2	1	338582	04/24/24	04/24/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	0.6	1	338582	04/24/24	04/24/24	TCN
Hexachlorobutadiene	ND		ug/Kg	5.0	0.6	1	338582	04/24/24	04/24/24	TCN
Naphthalene	ND		ug/Kg	5.0	1.2	1	338582	04/24/24	04/24/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	0.7	1	338582	04/24/24	04/24/24	TCN

Surrogates			Limits							
Dibromofluoromethane	99%	%REC	70-145		1	338582	04/24/24	04/24/24	TCN	
1,2-Dichloroethane-d4	98%	%REC	70-145		1	338582	04/24/24	04/24/24	TCN	
Toluene-d8	101%	%REC	70-145		1	338582	04/24/24	04/24/24	TCN	
Bromofluorobenzene	102%	%REC	70-145		1	338582	04/24/24	04/24/24	TCN	

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	11	J	ug/Kg	40	6.1	4	338434	04/22/24	04/23/24	DJL
2-Methylnaphthalene	22	J	ug/Kg	40	6.0	4	338434	04/22/24	04/23/24	DJL
Naphthalene	45		ug/Kg	40	14	4	338434	04/22/24	04/23/24	DJL
Acenaphthylene	7.3	J	ug/Kg	40	6.3	4	338434	04/22/24	04/23/24	DJL
Acenaphthene	20	J	ug/Kg	40	4.1	4	338434	04/22/24	04/23/24	DJL
Fluorene	9.7	J	ug/Kg	40	5.0	4	338434	04/22/24	04/23/24	DJL
Phenanthrene	26	J	ug/Kg	40	8.8	4	338434	04/22/24	04/23/24	DJL
Anthracene	20	J	ug/Kg	40	5.6	4	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

506597-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Fluoranthene	19	J	ug/Kg	40	13	4	338434	04/22/24	04/23/24	DJL
Pyrene	ND		ug/Kg	40	14	4	338434	04/22/24	04/23/24	DJL
Benzo(a)anthracene	4.6	J	ug/Kg	40	4.3	4	338434	04/22/24	04/23/24	DJL
Chrysene	11	J	ug/Kg	40	3.8	4	338434	04/22/24	04/23/24	DJL
Benzo(b)fluoranthene	45		ug/Kg	40	3.7	4	338434	04/22/24	04/23/24	DJL
Benzo(k)fluoranthene	12	J	ug/Kg	40	4.2	4	338434	04/22/24	04/23/24	DJL
Benzo(a)pyrene	6.1	J	ug/Kg	40	5.3	4	338434	04/22/24	04/23/24	DJL
Indeno(1,2,3-cd)pyrene	12	J	ug/Kg	40	6.1	4	338434	04/22/24	04/23/24	DJL
Dibenz(a,h)anthracene	ND		ug/Kg	40	11	4	338434	04/22/24	04/23/24	DJL
Benzo(g,h,i)perylene	17	J	ug/Kg	40	6.6	4	338434	04/22/24	04/23/24	DJL
Surrogates				Limits						
Nitrobenzene-d5	92%		%REC	27-125		4	338434	04/22/24	04/23/24	DJL
2-Fluorobiphenyl	91%		%REC	30-120		4	338434	04/22/24	04/23/24	DJL
Terphenyl-d14	83%		%REC	33-155		4	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

Sample ID: GRB 6	Lab ID: 506597-006	Collected: 04/17/24 11:39
	Matrix: Soil	Basis: Dry

506597-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	7		%	1		1	338539	04/23/24	04/24/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.1	0.92	0.97	338460	04/22/24	04/23/24	SBW
Arsenic	7.0		mg/Kg	1.0	0.26	0.97	338460	04/22/24	04/23/24	SBW
Barium	100		mg/Kg	1.0	0.083	0.97	338460	04/22/24	04/23/24	SBW
Beryllium	0.17	J	mg/Kg	0.52	0.0066	0.97	338460	04/22/24	04/23/24	SBW
Cadmium	0.13	J	mg/Kg	0.52	0.038	0.97	338460	04/22/24	04/23/24	SBW
Chromium	24		mg/Kg	1.0	0.24	0.97	338460	04/22/24	04/23/24	SBW
Cobalt	6.4		mg/Kg	0.52	0.23	0.97	338460	04/22/24	04/23/24	SBW
Copper	40		mg/Kg	1.0	0.15	0.97	338460	04/22/24	04/23/24	SBW
Lead	4.8		mg/Kg	1.0	0.27	0.97	338460	04/22/24	04/23/24	SBW
Molybdenum	0.67	J	mg/Kg	1.0	0.12	0.97	338460	04/22/24	04/23/24	SBW
Nickel	35		mg/Kg	1.0	0.12	0.97	338460	04/22/24	04/23/24	SBW
Selenium	0.94	J	mg/Kg	3.1	0.56	0.97	338460	04/22/24	04/23/24	SBW
Silver	ND		mg/Kg	0.52	0.065	0.97	338460	04/22/24	04/23/24	SBW
Thallium	ND		mg/Kg	3.1	0.35	0.97	338460	04/22/24	04/23/24	SBW
Vanadium	47		mg/Kg	1.0	0.054	0.97	338460	04/22/24	04/23/24	SBW
Zinc	50		mg/Kg	5.2	0.25	0.97	338460	04/22/24	04/23/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	0.24		mg/Kg	0.17	0.042	1.1	338476	04/23/24	04/23/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M										
GRO C6-C12	ND		mg/Kg	210		20	338396	04/22/24	04/23/24	KMB
DRO C10-C28	630		mg/Kg	210	74	20	338396	04/22/24	04/23/24	KMB
ORO C28-C44	540		mg/Kg	430	74	20	338396	04/22/24	04/23/24	KMB
Surrogates										
				Limits						
n-Triacontane		DO	%REC	70-130		20	338396	04/22/24	04/23/24	KMB
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	27	5.4	5.1	338386	04/22/24	04/23/24	MES
beta-BHC	ND		ug/Kg	27	7.6	5.1	338386	04/22/24	04/23/24	MES
gamma-BHC	ND		ug/Kg	27	5.6	5.1	338386	04/22/24	04/23/24	MES
delta-BHC	ND		ug/Kg	27	6.7	5.1	338386	04/22/24	04/23/24	MES
Heptachlor	ND		ug/Kg	27	9.3	5.1	338386	04/22/24	04/23/24	MES
Aldrin	ND		ug/Kg	27	7.4	5.1	338386	04/22/24	04/23/24	MES
Heptachlor epoxide	ND		ug/Kg	27	9.2	5.1	338386	04/22/24	04/23/24	MES
Endosulfan I	ND		ug/Kg	27	7.7	5.1	338386	04/22/24	04/23/24	MES
Dieldrin	ND		ug/Kg	27	8.4	5.1	338386	04/22/24	04/23/24	MES
4,4'-DDE	ND		ug/Kg	27	8.0	5.1	338386	04/22/24	04/23/24	MES
Endrin	ND		ug/Kg	27	9.1	5.1	338386	04/22/24	04/23/24	MES
Endosulfan II	ND		ug/Kg	27	9.1	5.1	338386	04/22/24	04/23/24	MES
Endosulfan sulfate	ND		ug/Kg	27	11	5.1	338386	04/22/24	04/23/24	MES
4,4'-DDD	ND		ug/Kg	27	5.1	5.1	338386	04/22/24	04/23/24	MES

Analysis Results for 506597

506597-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	27	6.5	5.1	338386	04/22/24	04/23/24	MES
Endrin ketone	ND		ug/Kg	27	8.2	5.1	338386	04/22/24	04/23/24	MES
4,4'-DDT	ND		ug/Kg	27	9.4	5.1	338386	04/22/24	04/23/24	MES
Methoxychlor	ND		ug/Kg	55	13	5.1	338386	04/22/24	04/23/24	MES
Toxaphene	ND		ug/Kg	550	170	5.1	338386	04/22/24	04/23/24	MES
Chlordane (Technical)	ND		ug/Kg	270	50	5.1	338386	04/22/24	04/23/24	MES
Surrogates				Limits						
TCMX	81%		%REC	23-120		5.1	338386	04/22/24	04/23/24	MES
Decachlorobiphenyl	52%		%REC	24-120		5.1	338386	04/22/24	04/23/24	MES

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	110	32	2	338386	04/22/24	04/23/24	MES
Aroclor-1221	ND		ug/Kg	110	50	2	338386	04/22/24	04/23/24	MES
Aroclor-1232	ND		ug/Kg	110	41	2	338386	04/22/24	04/23/24	MES
Aroclor-1242	ND		ug/Kg	110	39	2	338386	04/22/24	04/23/24	MES
Aroclor-1248	ND		ug/Kg	110	46	2	338386	04/22/24	04/23/24	MES
Aroclor-1254	ND		ug/Kg	110	14	2	338386	04/22/24	04/23/24	MES
Aroclor-1260	ND		ug/Kg	110	54	2	338386	04/22/24	04/23/24	MES
Aroclor-1262	ND		ug/Kg	110	36	2	338386	04/22/24	04/23/24	MES
Aroclor-1268	ND		ug/Kg	110	30	2	338386	04/22/24	04/23/24	MES

Surrogates

Limits

Decachlorobiphenyl (PCB)	103%		%REC	19-121		2	338386	04/22/24	04/23/24	MES
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Method: EPA 8260B

Prep Method: EPA 5030B

Freon 12	ND		ug/Kg	5.4	1.0	1	338582	04/24/24	04/24/24	TCN
Chloromethane	ND		ug/Kg	5.4	0.9	1	338582	04/24/24	04/24/24	TCN
Vinyl Chloride	ND		ug/Kg	5.4	1.1	1	338582	04/24/24	04/24/24	TCN
Bromomethane	ND		ug/Kg	5.4	1.2	1	338582	04/24/24	04/24/24	TCN
Chloroethane	ND		ug/Kg	5.4	2.6	1	338582	04/24/24	04/24/24	TCN
Trichlorofluoromethane	ND		ug/Kg	5.4	0.9	1	338582	04/24/24	04/24/24	TCN
Acetone	ND		ug/Kg	110	34	1	338582	04/24/24	04/24/24	TCN
Freon 113	ND		ug/Kg	5.4	0.8	1	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethene	ND		ug/Kg	5.4	1.1	1	338582	04/24/24	04/24/24	TCN
Methylene Chloride	ND		ug/Kg	22		1	338582	04/24/24	04/24/24	TCN
MTBE	ND		ug/Kg	5.4	1.1	1	338582	04/24/24	04/24/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	5.4	1.2	1	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethane	ND		ug/Kg	5.4	1.0	1	338582	04/24/24	04/24/24	TCN
2-Butanone	ND		ug/Kg	110	4.6	1	338582	04/24/24	04/24/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	5.4	0.9	1	338582	04/24/24	04/24/24	TCN
2,2-Dichloropropane	ND		ug/Kg	5.4	2.7	1	338582	04/24/24	04/24/24	TCN
Chloroform	ND		ug/Kg	5.4	1.0	1	338582	04/24/24	04/24/24	TCN
Bromochloromethane	ND		ug/Kg	5.4	0.5	1	338582	04/24/24	04/24/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	5.4	1.4	1	338582	04/24/24	04/24/24	TCN
1,1-Dichloropropene	ND		ug/Kg	5.4	0.8	1	338582	04/24/24	04/24/24	TCN
Carbon Tetrachloride	ND		ug/Kg	5.4	1.3	1	338582	04/24/24	04/24/24	TCN
1,2-Dichloroethane	ND		ug/Kg	5.4	1.1	1	338582	04/24/24	04/24/24	TCN
Benzene	ND		ug/Kg	5.4	0.6	1	338582	04/24/24	04/24/24	TCN
Trichloroethene	ND		ug/Kg	5.4	0.7	1	338582	04/24/24	04/24/24	TCN
1,2-Dichloropropane	ND		ug/Kg	5.4	0.8	1	338582	04/24/24	04/24/24	TCN
Bromodichloromethane	ND		ug/Kg	5.4	1.2	1	338582	04/24/24	04/24/24	TCN
Dibromomethane	ND		ug/Kg	5.4	0.5	1	338582	04/24/24	04/24/24	TCN

Analysis Results for 506597

506597-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
4-Methyl-2-Pentanone	ND		ug/Kg	5.4	1.7	1	338582	04/24/24	04/24/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	5.4	1.1	1	338582	04/24/24	04/24/24	TCN
Toluene	ND		ug/Kg	5.4	1.0	1	338582	04/24/24	04/24/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	5.4	1.6	1	338582	04/24/24	04/24/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	5.4	0.5	1	338582	04/24/24	04/24/24	TCN
1,3-Dichloropropane	ND		ug/Kg	5.4	0.7	1	338582	04/24/24	04/24/24	TCN
Tetrachloroethene	ND		ug/Kg	5.4	0.5	1	338582	04/24/24	04/24/24	TCN
Dibromochloromethane	ND		ug/Kg	5.4	0.6	1	338582	04/24/24	04/24/24	TCN
1,2-Dibromoethane	ND		ug/Kg	5.4	0.7	1	338582	04/24/24	04/24/24	TCN
Chlorobenzene	ND		ug/Kg	5.4	0.4	1	338582	04/24/24	04/24/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.4	0.8	1	338582	04/24/24	04/24/24	TCN
Ethylbenzene	ND		ug/Kg	5.4	0.7	1	338582	04/24/24	04/24/24	TCN
m,p-Xylenes	ND		ug/Kg	11	0.9	1	338582	04/24/24	04/24/24	TCN
o-Xylene	ND		ug/Kg	5.4	0.5	1	338582	04/24/24	04/24/24	TCN
Styrene	ND		ug/Kg	5.4	0.4	1	338582	04/24/24	04/24/24	TCN
Bromoform	ND		ug/Kg	5.4	1.1	1	338582	04/24/24	04/24/24	TCN
Isopropylbenzene	ND		ug/Kg	5.4	0.4	1	338582	04/24/24	04/24/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.4	0.5	1	338582	04/24/24	04/24/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	5.4	1.3	1	338582	04/24/24	04/24/24	TCN
Propylbenzene	ND		ug/Kg	5.4	0.4	1	338582	04/24/24	04/24/24	TCN
Bromobenzene	ND		ug/Kg	5.4	0.5	1	338582	04/24/24	04/24/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	5.4	0.4	1	338582	04/24/24	04/24/24	TCN
2-Chlorotoluene	ND		ug/Kg	5.4	0.5	1	338582	04/24/24	04/24/24	TCN
4-Chlorotoluene	ND		ug/Kg	5.4	0.4	1	338582	04/24/24	04/24/24	TCN
tert-Butylbenzene	ND		ug/Kg	5.4	0.4	1	338582	04/24/24	04/24/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	5.4	0.4	1	338582	04/24/24	04/24/24	TCN
sec-Butylbenzene	ND		ug/Kg	5.4	0.5	1	338582	04/24/24	04/24/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	5.4	0.3	1	338582	04/24/24	04/24/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	5.4	0.4	1	338582	04/24/24	04/24/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	5.4	0.3	1	338582	04/24/24	04/24/24	TCN
n-Butylbenzene	ND		ug/Kg	5.4	0.4	1	338582	04/24/24	04/24/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	5.4	0.5	1	338582	04/24/24	04/24/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.4	1.3	1	338582	04/24/24	04/24/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	5.4	0.6	1	338582	04/24/24	04/24/24	TCN
Hexachlorobutadiene	ND		ug/Kg	5.4	0.7	1	338582	04/24/24	04/24/24	TCN
Naphthalene	ND		ug/Kg	5.4	1.3	1	338582	04/24/24	04/24/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	5.4	0.8	1	338582	04/24/24	04/24/24	TCN

Surrogates			Limits							
Dibromofluoromethane	101%	%REC	70-145		1	338582	04/24/24	04/24/24	TCN	
1,2-Dichloroethane-d4	102%	%REC	70-145		1	338582	04/24/24	04/24/24	TCN	
Toluene-d8	99%	%REC	70-145		1	338582	04/24/24	04/24/24	TCN	
Bromofluorobenzene	105%	%REC	70-145		1	338582	04/24/24	04/24/24	TCN	

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	2,200	330	200	338434	04/22/24	04/23/24	DJL
2-Methylnaphthalene	ND		ug/Kg	2,200	330	200	338434	04/22/24	04/23/24	DJL
Naphthalene	ND		ug/Kg	2,200	780	200	338434	04/22/24	04/23/24	DJL
Acenaphthylene	ND		ug/Kg	2,200	340	200	338434	04/22/24	04/23/24	DJL
Acenaphthene	ND		ug/Kg	2,200	220	200	338434	04/22/24	04/23/24	DJL
Fluorene	ND		ug/Kg	2,200	270	200	338434	04/22/24	04/23/24	DJL
Phenanthrene	ND		ug/Kg	2,200	480	200	338434	04/22/24	04/23/24	DJL
Anthracene	ND		ug/Kg	2,200	300	200	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

506597-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Fluoranthene	ND		ug/Kg	2,200	730	200	338434	04/22/24	04/23/24	DJL
Pyrene	ND		ug/Kg	2,200	790	200	338434	04/22/24	04/23/24	DJL
Benzo(a)anthracene	ND		ug/Kg	2,200	230	200	338434	04/22/24	04/23/24	DJL
Chrysene	ND		ug/Kg	2,200	210	200	338434	04/22/24	04/23/24	DJL
Benzo(b)fluoranthene	ND		ug/Kg	2,200	200	200	338434	04/22/24	04/23/24	DJL
Benzo(k)fluoranthene	ND		ug/Kg	2,200	230	200	338434	04/22/24	04/23/24	DJL
Benzo(a)pyrene	ND		ug/Kg	2,200	290	200	338434	04/22/24	04/23/24	DJL
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	2,200	330	200	338434	04/22/24	04/23/24	DJL
Dibenz(a,h)anthracene	ND		ug/Kg	2,200	610	200	338434	04/22/24	04/23/24	DJL
Benzo(g,h,i)perylene	ND		ug/Kg	2,200	360	200	338434	04/22/24	04/23/24	DJL
Surrogates				Limits						
Nitrobenzene-d5	59%		%REC	27-125		200	338434	04/22/24	04/23/24	DJL
2-Fluorobiphenyl	96%		%REC	30-120		200	338434	04/22/24	04/23/24	DJL
Terphenyl-d14	144%		%REC	33-155		200	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

Sample ID: GRB 7	Lab ID: 506597-007	Collected: 04/17/24 11:57
	Matrix: Soil	Basis: Dry

506597-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	3		%	1		1	338539	04/23/24	04/24/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.0	0.89	0.98	338460	04/22/24	04/23/24	SBW
Arsenic	5.5		mg/Kg	1.0	0.26	0.98	338460	04/22/24	04/23/24	SBW
Barium	18		mg/Kg	1.0	0.080	0.98	338460	04/22/24	04/23/24	SBW
Beryllium	0.13	J	mg/Kg	0.51	0.0063	0.98	338460	04/22/24	04/23/24	SBW
Cadmium	0.10	J	mg/Kg	0.51	0.037	0.98	338460	04/22/24	04/23/24	SBW
Chromium	30		mg/Kg	1.0	0.23	0.98	338460	04/22/24	04/23/24	SBW
Cobalt	5.2		mg/Kg	0.51	0.22	0.98	338460	04/22/24	04/23/24	SBW
Copper	30		mg/Kg	1.0	0.14	0.98	338460	04/22/24	04/23/24	SBW
Lead	7.0		mg/Kg	1.0	0.26	0.98	338460	04/22/24	04/23/24	SBW
Molybdenum	0.78	J	mg/Kg	1.0	0.12	0.98	338460	04/22/24	04/23/24	SBW
Nickel	25		mg/Kg	1.0	0.12	0.98	338460	04/22/24	04/23/24	SBW
Selenium	0.86	J	mg/Kg	3.0	0.55	0.98	338460	04/22/24	04/23/24	SBW
Silver	ND		mg/Kg	0.51	0.062	0.98	338460	04/22/24	04/23/24	SBW
Thallium	ND		mg/Kg	3.0	0.34	0.98	338460	04/22/24	04/23/24	SBW
Vanadium	31		mg/Kg	1.0	0.052	0.98	338460	04/22/24	04/23/24	SBW
Zinc	17		mg/Kg	5.1	0.24	0.98	338460	04/22/24	04/23/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	0.052	J	mg/Kg	0.16	0.039	1.1	338476	04/23/24	04/23/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M										
GRO C6-C12	ND		mg/Kg	10		1	338396	04/22/24	04/23/24	KMB
DRO C10-C28	11		mg/Kg	10	3.6	1	338396	04/22/24	04/23/24	KMB
ORO C28-C44	10	J	mg/Kg	21	3.6	1	338396	04/22/24	04/23/24	KMB
Surrogates				Limits						
n-Triacontane	88%		%REC	70-130		1	338396	04/22/24	04/23/24	KMB
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.2	1.0	1	338386	04/22/24	04/23/24	MES
beta-BHC	ND		ug/Kg	5.2	1.4	1	338386	04/22/24	04/23/24	MES
gamma-BHC	ND		ug/Kg	5.2	1.1	1	338386	04/22/24	04/23/24	MES
delta-BHC	ND		ug/Kg	5.2	1.3	1	338386	04/22/24	04/23/24	MES
Heptachlor	ND		ug/Kg	5.2	1.8	1	338386	04/22/24	04/23/24	MES
Aldrin	ND		ug/Kg	5.2	1.4	1	338386	04/22/24	04/23/24	MES
Heptachlor epoxide	ND		ug/Kg	5.2	1.8	1	338386	04/22/24	04/23/24	MES
Endosulfan I	ND		ug/Kg	5.2	1.5	1	338386	04/22/24	04/23/24	MES
Dieldrin	ND		ug/Kg	5.2	1.6	1	338386	04/22/24	04/23/24	MES
4,4'-DDE	ND		ug/Kg	5.2	1.5	1	338386	04/22/24	04/23/24	MES
Endrin	ND		ug/Kg	5.2	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan II	ND		ug/Kg	5.2	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan sulfate	ND		ug/Kg	5.2	2.2	1	338386	04/22/24	04/23/24	MES
4,4'-DDD	ND		ug/Kg	5.2	0.97	1	338386	04/22/24	04/23/24	MES

Analysis Results for 506597

506597-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.2	1.2	1	338386	04/22/24	04/23/24	MES
Endrin ketone	ND		ug/Kg	5.2	1.6	1	338386	04/22/24	04/23/24	MES
4,4'-DDT	ND		ug/Kg	5.2	1.8	1	338386	04/22/24	04/23/24	MES
Methoxychlor	ND		ug/Kg	10	2.4	1	338386	04/22/24	04/23/24	MES
Toxaphene	ND		ug/Kg	100	32	1	338386	04/22/24	04/23/24	MES
Chlordane (Technical)	ND		ug/Kg	52	9.5	1	338386	04/22/24	04/23/24	MES
Surrogates				Limits						
TCMX	77%		%REC	23-120		1	338386	04/22/24	04/23/24	MES
Decachlorobiphenyl	59%		%REC	24-120		1	338386	04/22/24	04/23/24	MES

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	52	13	1	338386	04/22/24	04/23/24	MES
Aroclor-1221	ND		ug/Kg	52	11	1	338386	04/22/24	04/23/24	MES
Aroclor-1232	ND		ug/Kg	52	11	1	338386	04/22/24	04/23/24	MES
Aroclor-1242	ND		ug/Kg	52	17	1	338386	04/22/24	04/23/24	MES
Aroclor-1248	ND		ug/Kg	52	17	1	338386	04/22/24	04/23/24	MES
Aroclor-1254	ND		ug/Kg	52	16	1	338386	04/22/24	04/23/24	MES
Aroclor-1260	ND		ug/Kg	52	24	1	338386	04/22/24	04/23/24	MES
Aroclor-1262	ND		ug/Kg	52	14	1	338386	04/22/24	04/23/24	MES
Aroclor-1268	ND		ug/Kg	52	15	1	338386	04/22/24	04/23/24	MES

Surrogates

Limits

Decachlorobiphenyl (PCB)	77%		%REC	19-121		1	338386	04/22/24	04/23/24	MES
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Method: EPA 8260B

Prep Method: EPA 5030B

Freon 12	ND		ug/Kg	5.2	1.0	1	338582	04/24/24	04/24/24	TCN
Chloromethane	ND		ug/Kg	5.2	0.9	1	338582	04/24/24	04/24/24	TCN
Vinyl Chloride	ND		ug/Kg	5.2	1.0	1	338582	04/24/24	04/24/24	TCN
Bromomethane	ND		ug/Kg	5.2	1.1	1	338582	04/24/24	04/24/24	TCN
Chloroethane	ND		ug/Kg	5.2	2.5	1	338582	04/24/24	04/24/24	TCN
Trichlorofluoromethane	ND		ug/Kg	5.2	0.9	1	338582	04/24/24	04/24/24	TCN
Acetone	ND		ug/Kg	100	33	1	338582	04/24/24	04/24/24	TCN
Freon 113	ND		ug/Kg	5.2	0.7	1	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethene	ND		ug/Kg	5.2	1.1	1	338582	04/24/24	04/24/24	TCN
Methylene Chloride	ND		ug/Kg	21		1	338582	04/24/24	04/24/24	TCN
MTBE	ND		ug/Kg	5.2	1.0	1	338582	04/24/24	04/24/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	5.2	1.1	1	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethane	ND		ug/Kg	5.2	0.9	1	338582	04/24/24	04/24/24	TCN
2-Butanone	ND		ug/Kg	100	4.4	1	338582	04/24/24	04/24/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	5.2	0.8	1	338582	04/24/24	04/24/24	TCN
2,2-Dichloropropane	ND		ug/Kg	5.2	2.6	1	338582	04/24/24	04/24/24	TCN
Chloroform	ND		ug/Kg	5.2	1.0	1	338582	04/24/24	04/24/24	TCN
Bromochloromethane	ND		ug/Kg	5.2	0.5	1	338582	04/24/24	04/24/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	5.2	1.3	1	338582	04/24/24	04/24/24	TCN
1,1-Dichloropropene	ND		ug/Kg	5.2	0.8	1	338582	04/24/24	04/24/24	TCN
Carbon Tetrachloride	ND		ug/Kg	5.2	1.3	1	338582	04/24/24	04/24/24	TCN
1,2-Dichloroethane	ND		ug/Kg	5.2	1.1	1	338582	04/24/24	04/24/24	TCN
Benzene	ND		ug/Kg	5.2	0.5	1	338582	04/24/24	04/24/24	TCN
Trichloroethene	ND		ug/Kg	5.2	0.7	1	338582	04/24/24	04/24/24	TCN
1,2-Dichloropropane	ND		ug/Kg	5.2	0.8	1	338582	04/24/24	04/24/24	TCN
Bromodichloromethane	ND		ug/Kg	5.2	1.2	1	338582	04/24/24	04/24/24	TCN
Dibromomethane	ND		ug/Kg	5.2	0.5	1	338582	04/24/24	04/24/24	TCN

Analysis Results for 506597

506597-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
4-Methyl-2-Pentanone	ND		ug/Kg	5.2	1.7	1	338582	04/24/24	04/24/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	5.2	1.1	1	338582	04/24/24	04/24/24	TCN
Toluene	ND		ug/Kg	5.2	1.0	1	338582	04/24/24	04/24/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	5.2	1.5	1	338582	04/24/24	04/24/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	5.2	0.5	1	338582	04/24/24	04/24/24	TCN
1,3-Dichloropropane	ND		ug/Kg	5.2	0.7	1	338582	04/24/24	04/24/24	TCN
Tetrachloroethene	ND		ug/Kg	5.2	0.5	1	338582	04/24/24	04/24/24	TCN
Dibromochloromethane	ND		ug/Kg	5.2	0.6	1	338582	04/24/24	04/24/24	TCN
1,2-Dibromoethane	ND		ug/Kg	5.2	0.7	1	338582	04/24/24	04/24/24	TCN
Chlorobenzene	ND		ug/Kg	5.2	0.4	1	338582	04/24/24	04/24/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.2	0.7	1	338582	04/24/24	04/24/24	TCN
Ethylbenzene	ND		ug/Kg	5.2	0.6	1	338582	04/24/24	04/24/24	TCN
m,p-Xylenes	ND		ug/Kg	10	0.8	1	338582	04/24/24	04/24/24	TCN
o-Xylene	ND		ug/Kg	5.2	0.5	1	338582	04/24/24	04/24/24	TCN
Styrene	ND		ug/Kg	5.2	0.3	1	338582	04/24/24	04/24/24	TCN
Bromoform	ND		ug/Kg	5.2	1.1	1	338582	04/24/24	04/24/24	TCN
Isopropylbenzene	ND		ug/Kg	5.2	0.3	1	338582	04/24/24	04/24/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.2	0.5	1	338582	04/24/24	04/24/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	5.2	1.3	1	338582	04/24/24	04/24/24	TCN
Propylbenzene	ND		ug/Kg	5.2	0.4	1	338582	04/24/24	04/24/24	TCN
Bromobenzene	ND		ug/Kg	5.2	0.5	1	338582	04/24/24	04/24/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	5.2	0.4	1	338582	04/24/24	04/24/24	TCN
2-Chlorotoluene	ND		ug/Kg	5.2	0.4	1	338582	04/24/24	04/24/24	TCN
4-Chlorotoluene	ND		ug/Kg	5.2	0.4	1	338582	04/24/24	04/24/24	TCN
tert-Butylbenzene	ND		ug/Kg	5.2	0.4	1	338582	04/24/24	04/24/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	5.2	0.4	1	338582	04/24/24	04/24/24	TCN
sec-Butylbenzene	ND		ug/Kg	5.2	0.5	1	338582	04/24/24	04/24/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	5.2	0.3	1	338582	04/24/24	04/24/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	5.2	0.4	1	338582	04/24/24	04/24/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	5.2	0.3	1	338582	04/24/24	04/24/24	TCN
n-Butylbenzene	ND		ug/Kg	5.2	0.4	1	338582	04/24/24	04/24/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	5.2	0.4	1	338582	04/24/24	04/24/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.2	1.2	1	338582	04/24/24	04/24/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	5.2	0.6	1	338582	04/24/24	04/24/24	TCN
Hexachlorobutadiene	ND		ug/Kg	5.2	0.7	1	338582	04/24/24	04/24/24	TCN
Naphthalene	ND		ug/Kg	5.2	1.3	1	338582	04/24/24	04/24/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	5.2	0.8	1	338582	04/24/24	04/24/24	TCN

Surrogates			Limits						
Dibromofluoromethane	99%	%REC	70-145	1	338582	04/24/24	04/24/24	TCN	
1,2-Dichloroethane-d4	100%	%REC	70-145	1	338582	04/24/24	04/24/24	TCN	
Toluene-d8	98%	%REC	70-145	1	338582	04/24/24	04/24/24	TCN	
Bromofluorobenzene	101%	%REC	70-145	1	338582	04/24/24	04/24/24	TCN	

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	21	3.1	2	338434	04/22/24	04/23/24	DJL
2-Methylnaphthalene	ND		ug/Kg	21	3.1	2	338434	04/22/24	04/23/24	DJL
Naphthalene	ND		ug/Kg	21	7.4	2	338434	04/22/24	04/23/24	DJL
Acenaphthylene	15	J	ug/Kg	21	3.3	2	338434	04/22/24	04/23/24	DJL
Acenaphthene	ND		ug/Kg	21	2.1	2	338434	04/22/24	04/23/24	DJL
Fluorene	ND		ug/Kg	21	2.6	2	338434	04/22/24	04/23/24	DJL
Phenanthrene	5.8	J	ug/Kg	21	4.5	2	338434	04/22/24	04/23/24	DJL
Anthracene	40		ug/Kg	21	2.9	2	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

506597-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Fluoranthene	19	J	ug/Kg	21	6.9	2	338434	04/22/24	04/23/24	DJL
Pyrene	20	J	ug/Kg	21	7.5	2	338434	04/22/24	04/23/24	DJL
Benzo(a)anthracene	6.5	J	ug/Kg	21	2.2	2	338434	04/22/24	04/23/24	DJL
Chrysene	13	J	ug/Kg	21	2.0	2	338434	04/22/24	04/23/24	DJL
Benzo(b)fluoranthene	46		ug/Kg	21	1.9	2	338434	04/22/24	04/23/24	DJL
Benzo(k)fluoranthene	11	J	ug/Kg	21	2.2	2	338434	04/22/24	04/23/24	DJL
Benzo(a)pyrene	30		ug/Kg	21	2.8	2	338434	04/22/24	04/23/24	DJL
Indeno(1,2,3-cd)pyrene	43		ug/Kg	21	3.2	2	338434	04/22/24	04/23/24	DJL
Dibenz(a,h)anthracene	6.5	J	ug/Kg	21	5.8	2	338434	04/22/24	04/23/24	DJL
Benzo(g,h,i)perylene	43		ug/Kg	21	3.4	2	338434	04/22/24	04/23/24	DJL
Surrogates				Limits						
Nitrobenzene-d5	59%		%REC	27-125		2	338434	04/22/24	04/23/24	DJL
2-Fluorobiphenyl	74%		%REC	30-120		2	338434	04/22/24	04/23/24	DJL
Terphenyl-d14	80%		%REC	33-155		2	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

Sample ID: GRB 8	Lab ID: 506597-008	Collected: 04/17/24 11:59
	Matrix: Soil	Basis: Dry

506597-008 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	ND		%	1		1	338539	04/23/24	04/24/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	2.9	0.84	0.95	338460	04/22/24	04/23/24	SBW
Arsenic	2.0		mg/Kg	0.95	0.24	0.95	338460	04/22/24	04/23/24	SBW
Barium	49		mg/Kg	0.95	0.076	0.95	338460	04/22/24	04/23/24	SBW
Beryllium	0.10	J	mg/Kg	0.48	0.0060	0.95	338460	04/22/24	04/23/24	SBW
Cadmium	ND		mg/Kg	0.48	0.035	0.95	338460	04/22/24	04/23/24	SBW
Chromium	15		mg/Kg	0.95	0.22	0.95	338460	04/22/24	04/23/24	SBW
Cobalt	6.5		mg/Kg	0.48	0.21	0.95	338460	04/22/24	04/23/24	SBW
Copper	50		mg/Kg	0.95	0.13	0.95	338460	04/22/24	04/23/24	SBW
Lead	8.0		mg/Kg	0.95	0.25	0.95	338460	04/22/24	04/23/24	SBW
Molybdenum	0.34	J	mg/Kg	0.95	0.11	0.95	338460	04/22/24	04/23/24	SBW
Nickel	7.7		mg/Kg	0.95	0.11	0.95	338460	04/22/24	04/23/24	SBW
Selenium	0.93	J	mg/Kg	2.9	0.51	0.95	338460	04/22/24	04/23/24	SBW
Silver	ND		mg/Kg	0.48	0.059	0.95	338460	04/22/24	04/23/24	SBW
Thallium	ND		mg/Kg	2.9	0.32	0.95	338460	04/22/24	04/23/24	SBW
Vanadium	70		mg/Kg	0.95	0.049	0.95	338460	04/22/24	04/23/24	SBW
Zinc	24		mg/Kg	4.8	0.22	0.95	338460	04/22/24	04/23/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	0.091	J	mg/Kg	0.16	0.039	1.1	338476	04/23/24	04/23/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M										
GRO C6-C12	ND		mg/Kg	10		1	338396	04/22/24	04/23/24	KMB
DRO C10-C28	7.9	J	mg/Kg	10	3.5	1	338396	04/22/24	04/23/24	KMB
ORO C28-C44	9.1	J	mg/Kg	20	3.5	1	338396	04/22/24	04/23/24	KMB
Surrogates				Limits						
n-Triacontane	98%		%REC	70-130		1	338396	04/22/24	04/23/24	KMB
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.0	0.99	1	338386	04/22/24	04/23/24	MES
beta-BHC	ND		ug/Kg	5.0	1.4	1	338386	04/22/24	04/23/24	MES
gamma-BHC	ND		ug/Kg	5.0	1.0	1	338386	04/22/24	04/23/24	MES
delta-BHC	ND		ug/Kg	5.0	1.2	1	338386	04/22/24	04/23/24	MES
Heptachlor	ND		ug/Kg	5.0	1.7	1	338386	04/22/24	04/23/24	MES
Aldrin	ND		ug/Kg	5.0	1.4	1	338386	04/22/24	04/23/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan I	ND		ug/Kg	5.0	1.4	1	338386	04/22/24	04/23/24	MES
Dieldrin	ND		ug/Kg	5.0	1.5	1	338386	04/22/24	04/23/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1.5	1	338386	04/22/24	04/23/24	MES
Endrin	ND		ug/Kg	5.0	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan II	ND		ug/Kg	5.0	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	2.1	1	338386	04/22/24	04/23/24	MES
4,4'-DDD	ND		ug/Kg	5.0	0.93	1	338386	04/22/24	04/23/24	MES

Analysis Results for 506597

506597-008 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.0	1.2	1	338386	04/22/24	04/23/24	MES
Endrin ketone	ND		ug/Kg	5.0	1.5	1	338386	04/22/24	04/23/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1.7	1	338386	04/22/24	04/23/24	MES
Methoxychlor	ND		ug/Kg	10	2.3	1	338386	04/22/24	04/23/24	MES
Toxaphene	ND		ug/Kg	100	31	1	338386	04/22/24	04/23/24	MES
Chlordane (Technical)	ND		ug/Kg	50	9.1	1	338386	04/22/24	04/23/24	MES
Surrogates				Limits						
TCMX	53%		%REC	23-120		1	338386	04/22/24	04/23/24	MES
Decachlorobiphenyl	39%		%REC	24-120		1	338386	04/22/24	04/23/24	MES

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	50	13	1	338386	04/22/24	04/23/24	MES
Aroclor-1221	ND		ug/Kg	50	11	1	338386	04/22/24	04/23/24	MES
Aroclor-1232	ND		ug/Kg	50	11	1	338386	04/22/24	04/23/24	MES
Aroclor-1242	ND		ug/Kg	50	16	1	338386	04/22/24	04/23/24	MES
Aroclor-1248	ND		ug/Kg	50	17	1	338386	04/22/24	04/23/24	MES
Aroclor-1254	ND		ug/Kg	50	16	1	338386	04/22/24	04/23/24	MES
Aroclor-1260	ND		ug/Kg	50	23	1	338386	04/22/24	04/23/24	MES
Aroclor-1262	ND		ug/Kg	50	13	1	338386	04/22/24	04/23/24	MES
Aroclor-1268	ND		ug/Kg	50	14	1	338386	04/22/24	04/23/24	MES

Surrogates

Limits

Decachlorobiphenyl (PCB)	52%		%REC	19-121		1	338386	04/22/24	04/23/24	MES
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Method: EPA 8260B

Prep Method: EPA 5030B

Freon 12	ND		ug/Kg	250	130	50	338582	04/24/24	04/24/24	TCN
Chloromethane	ND		ug/Kg	250	180	50	338582	04/24/24	04/24/24	TCN
Vinyl Chloride	ND		ug/Kg	250	81	50	338582	04/24/24	04/24/24	TCN
Bromomethane	ND		ug/Kg	250	190	50	338582	04/24/24	04/24/24	TCN
Chloroethane	ND		ug/Kg	250	130	50	338582	04/24/24	04/24/24	TCN
Trichlorofluoromethane	ND		ug/Kg	250	99	50	338582	04/24/24	04/24/24	TCN
Acetone	ND		ug/Kg	5,000	1,900	50	338582	04/24/24	04/24/24	TCN
Freon 113	ND		ug/Kg	250	69	50	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethene	ND		ug/Kg	250	64	50	338582	04/24/24	04/24/24	TCN
Methylene Chloride	ND		ug/Kg	1,000		50	338582	04/24/24	04/24/24	TCN
MTBE	ND		ug/Kg	250	66	50	338582	04/24/24	04/24/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	250	49	50	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethane	ND		ug/Kg	250	52	50	338582	04/24/24	04/24/24	TCN
2-Butanone	ND		ug/Kg	5,000	280	50	338582	04/24/24	04/24/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	250	59	50	338582	04/24/24	04/24/24	TCN
2,2-Dichloropropane	ND		ug/Kg	250	45	50	338582	04/24/24	04/24/24	TCN
Chloroform	ND		ug/Kg	250	78	50	338582	04/24/24	04/24/24	TCN
Bromochloromethane	ND		ug/Kg	250	68	50	338582	04/24/24	04/24/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	250	57	50	338582	04/24/24	04/24/24	TCN
1,1-Dichloropropene	ND		ug/Kg	250	68	50	338582	04/24/24	04/24/24	TCN
Carbon Tetrachloride	ND		ug/Kg	250	56	50	338582	04/24/24	04/24/24	TCN
1,2-Dichloroethane	ND		ug/Kg	250	98	50	338582	04/24/24	04/24/24	TCN
Benzene	ND		ug/Kg	250	33	50	338582	04/24/24	04/24/24	TCN
Trichloroethene	ND		ug/Kg	250	38	50	338582	04/24/24	04/24/24	TCN
1,2-Dichloropropane	ND		ug/Kg	250	31	50	338582	04/24/24	04/24/24	TCN
Bromodichloromethane	ND		ug/Kg	250	40	50	338582	04/24/24	04/24/24	TCN
Dibromomethane	ND		ug/Kg	250	55	50	338582	04/24/24	04/24/24	TCN

Analysis Results for 506597

506597-008 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
4-Methyl-2-Pentanone	ND		ug/Kg	250	85	50	338582	04/24/24	04/24/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	250	44	50	338582	04/24/24	04/24/24	TCN
Toluene	ND		ug/Kg	250	51	50	338582	04/24/24	04/24/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	250	57	50	338582	04/24/24	04/24/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	250	33	50	338582	04/24/24	04/24/24	TCN
1,3-Dichloropropane	ND		ug/Kg	250	43	50	338582	04/24/24	04/24/24	TCN
Tetrachloroethene	ND		ug/Kg	250	37	50	338582	04/24/24	04/24/24	TCN
Dibromochloromethane	ND		ug/Kg	250	41	50	338582	04/24/24	04/24/24	TCN
1,2-Dibromoethane	ND		ug/Kg	250	31	50	338582	04/24/24	04/24/24	TCN
Chlorobenzene	ND		ug/Kg	250	46	50	338582	04/24/24	04/24/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	57	50	338582	04/24/24	04/24/24	TCN
Ethylbenzene	ND		ug/Kg	250	54	50	338582	04/24/24	04/24/24	TCN
m,p-Xylenes	ND		ug/Kg	500	120	50	338582	04/24/24	04/24/24	TCN
o-Xylene	ND		ug/Kg	250	52	50	338582	04/24/24	04/24/24	TCN
Styrene	ND		ug/Kg	250	47	50	338582	04/24/24	04/24/24	TCN
Bromoform	ND		ug/Kg	250	43	50	338582	04/24/24	04/24/24	TCN
Isopropylbenzene	ND		ug/Kg	250	42	50	338582	04/24/24	04/24/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	54	50	338582	04/24/24	04/24/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	250	72	50	338582	04/24/24	04/24/24	TCN
Propylbenzene	ND		ug/Kg	250	40	50	338582	04/24/24	04/24/24	TCN
Bromobenzene	ND		ug/Kg	250	45	50	338582	04/24/24	04/24/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	250	36	50	338582	04/24/24	04/24/24	TCN
2-Chlorotoluene	ND		ug/Kg	250	52	50	338582	04/24/24	04/24/24	TCN
4-Chlorotoluene	ND		ug/Kg	250	41	50	338582	04/24/24	04/24/24	TCN
tert-Butylbenzene	ND		ug/Kg	250	33	50	338582	04/24/24	04/24/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	250	47	50	338582	04/24/24	04/24/24	TCN
sec-Butylbenzene	ND		ug/Kg	250	37	50	338582	04/24/24	04/24/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	250	37	50	338582	04/24/24	04/24/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	250	38	50	338582	04/24/24	04/24/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	250	42	50	338582	04/24/24	04/24/24	TCN
n-Butylbenzene	ND		ug/Kg	250	58	50	338582	04/24/24	04/24/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	250	44	50	338582	04/24/24	04/24/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	77	50	338582	04/24/24	04/24/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	67	50	338582	04/24/24	04/24/24	TCN
Hexachlorobutadiene	ND		ug/Kg	250	56	50	338582	04/24/24	04/24/24	TCN
Naphthalene	ND		ug/Kg	250	73	50	338582	04/24/24	04/24/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	250	58	50	338582	04/24/24	04/24/24	TCN

Surrogates	Limits			DF	Batch	Prepared	Analyzed	Chemist
Dibromofluoromethane	96%	%REC	70-145	50	338582	04/24/24	04/24/24	TCN
1,2-Dichloroethane-d4	98%	%REC	70-145	50	338582	04/24/24	04/24/24	TCN
Toluene-d8	99%	%REC	70-145	50	338582	04/24/24	04/24/24	TCN
Bromofluorobenzene	100%	%REC	70-145	50	338582	04/24/24	04/24/24	TCN

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	9.9	1.5	0.99	338434	04/22/24	04/23/24	DJL
2-Methylnaphthalene	3.0	J	ug/Kg	9.9	1.5	0.99	338434	04/22/24	04/23/24	DJL
Naphthalene	ND		ug/Kg	9.9	3.6	0.99	338434	04/22/24	04/23/24	DJL
Acenaphthylene	ND		ug/Kg	9.9	1.6	0.99	338434	04/22/24	04/23/24	DJL
Acenaphthene	ND		ug/Kg	9.9	1.0	0.99	338434	04/22/24	04/23/24	DJL
Fluorene	ND		ug/Kg	9.9	1.2	0.99	338434	04/22/24	04/23/24	DJL
Phenanthrene	4.6	J	ug/Kg	9.9	2.2	0.99	338434	04/22/24	04/23/24	DJL
Anthracene	3.5	J	ug/Kg	9.9	1.4	0.99	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

506597-008 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Fluoranthene	4.9	J	ug/Kg	9.9	3.3	0.99	338434	04/22/24	04/23/24	DJL
Pyrene	6.9	J	ug/Kg	9.9	3.6	0.99	338434	04/22/24	04/23/24	DJL
Benzo(a)anthracene	1.8	J	ug/Kg	9.9	1.1	0.99	338434	04/22/24	04/23/24	DJL
Chrysene	3.4	J	ug/Kg	9.9	0.95	0.99	338434	04/22/24	04/23/24	DJL
Benzo(b)fluoranthene	6.8	J	ug/Kg	9.9	0.92	0.99	338434	04/22/24	04/23/24	DJL
Benzo(k)fluoranthene	1.9	J	ug/Kg	9.9	1.0	0.99	338434	04/22/24	04/23/24	DJL
Benzo(a)pyrene	2.4	J	ug/Kg	9.9	1.3	0.99	338434	04/22/24	04/23/24	DJL
Indeno(1,2,3-cd)pyrene	3.7	J	ug/Kg	9.9	1.5	0.99	338434	04/22/24	04/23/24	DJL
Dibenz(a,h)anthracene	ND		ug/Kg	9.9	2.8	0.99	338434	04/22/24	04/23/24	DJL
Benzo(g,h,i)perylene	6.9	J	ug/Kg	9.9	1.6	0.99	338434	04/22/24	04/23/24	DJL
Surrogates				Limits						
Nitrobenzene-d5	63%		%REC	27-125		0.99	338434	04/22/24	04/23/24	DJL
2-Fluorobiphenyl	67%		%REC	30-120		0.99	338434	04/22/24	04/23/24	DJL
Terphenyl-d14	67%		%REC	33-155		0.99	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

Sample ID: GRB 9	Lab ID: 506597-009	Collected: 04/17/24 12:04
	Matrix: Soil	Basis: Dry

506597-009 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	5		%	1		1	338539	04/23/24	04/24/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.1	0.91	0.98	338460	04/22/24	04/23/24	SBW
Arsenic	3.4		mg/Kg	1.0	0.26	0.98	338460	04/22/24	04/23/24	SBW
Barium	15		mg/Kg	1.0	0.082	0.98	338460	04/22/24	04/23/24	SBW
Beryllium	0.097	J	mg/Kg	0.52	0.0065	0.98	338460	04/22/24	04/23/24	SBW
Cadmium	0.079	J	mg/Kg	0.52	0.038	0.98	338460	04/22/24	04/23/24	SBW
Chromium	18		mg/Kg	1.0	0.23	0.98	338460	04/22/24	04/23/24	SBW
Cobalt	2.5		mg/Kg	0.52	0.23	0.98	338460	04/22/24	04/23/24	SBW
Copper	9.5		mg/Kg	1.0	0.15	0.98	338460	04/22/24	04/23/24	SBW
Lead	4.9		mg/Kg	1.0	0.27	0.98	338460	04/22/24	04/23/24	SBW
Molybdenum	0.30	J	mg/Kg	1.0	0.12	0.98	338460	04/22/24	04/23/24	SBW
Nickel	12		mg/Kg	1.0	0.12	0.98	338460	04/22/24	04/23/24	SBW
Selenium	ND		mg/Kg	3.1	0.56	0.98	338460	04/22/24	04/23/24	SBW
Silver	ND		mg/Kg	0.52	0.064	0.98	338460	04/22/24	04/23/24	SBW
Thallium	ND		mg/Kg	3.1	0.35	0.98	338460	04/22/24	04/23/24	SBW
Vanadium	22		mg/Kg	1.0	0.053	0.98	338460	04/22/24	04/23/24	SBW
Zinc	13		mg/Kg	5.2	0.24	0.98	338460	04/22/24	04/23/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	0.071	J	mg/Kg	0.17	0.042	1.2	338476	04/23/24	04/23/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M										
GRO C6-C12	ND		mg/Kg	10		1	338396	04/22/24	04/23/24	KMB
DRO C10-C28	6.7	J	mg/Kg	10	3.6	1	338396	04/22/24	04/23/24	KMB
ORO C28-C44	6.5	J	mg/Kg	21	3.6	1	338396	04/22/24	04/23/24	KMB
Surrogates				Limits						
n-Triacontane	89%		%REC	70-130		1	338396	04/22/24	04/23/24	KMB
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.2	1.0	0.98	338386	04/22/24	04/23/24	MES
beta-BHC	ND		ug/Kg	5.2	1.4	0.98	338386	04/22/24	04/23/24	MES
gamma-BHC	ND		ug/Kg	5.2	1.0	0.98	338386	04/22/24	04/23/24	MES
delta-BHC	ND		ug/Kg	5.2	1.3	0.98	338386	04/22/24	04/23/24	MES
Heptachlor	ND		ug/Kg	5.2	1.8	0.98	338386	04/22/24	04/23/24	MES
Aldrin	ND		ug/Kg	5.2	1.4	0.98	338386	04/22/24	04/23/24	MES
Heptachlor epoxide	ND		ug/Kg	5.2	1.7	0.98	338386	04/22/24	04/23/24	MES
Endosulfan I	ND		ug/Kg	5.2	1.5	0.98	338386	04/22/24	04/23/24	MES
Dieldrin	ND		ug/Kg	5.2	1.6	0.98	338386	04/22/24	04/23/24	MES
4,4'-DDE	ND		ug/Kg	5.2	1.5	0.98	338386	04/22/24	04/23/24	MES
Endrin	ND		ug/Kg	5.2	1.7	0.98	338386	04/22/24	04/23/24	MES
Endosulfan II	ND		ug/Kg	5.2	1.7	0.98	338386	04/22/24	04/23/24	MES
Endosulfan sulfate	ND		ug/Kg	5.2	2.1	0.98	338386	04/22/24	04/23/24	MES
4,4'-DDD	ND		ug/Kg	5.2	0.96	0.98	338386	04/22/24	04/23/24	MES

Analysis Results for 506597

506597-009 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.2	1.2	0.98	338386	04/22/24	04/23/24	MES
Endrin ketone	ND		ug/Kg	5.2	1.5	0.98	338386	04/22/24	04/23/24	MES
4,4'-DDT	ND		ug/Kg	5.2	1.8	0.98	338386	04/22/24	04/23/24	MES
Methoxychlor	ND		ug/Kg	10	2.4	0.98	338386	04/22/24	04/23/24	MES
Toxaphene	ND		ug/Kg	100	32	0.98	338386	04/22/24	04/23/24	MES
Chlordane (Technical)	ND		ug/Kg	52	9.4	0.98	338386	04/22/24	04/23/24	MES
Surrogates				Limits						
TCMX	82%		%REC	23-120		0.98	338386	04/22/24	04/23/24	MES
Decachlorobiphenyl	68%		%REC	24-120		0.98	338386	04/22/24	04/23/24	MES

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	52	13	0.98	338386	04/22/24	04/23/24	MES
Aroclor-1221	ND		ug/Kg	52	11	0.98	338386	04/22/24	04/23/24	MES
Aroclor-1232	ND		ug/Kg	52	11	0.98	338386	04/22/24	04/23/24	MES
Aroclor-1242	ND		ug/Kg	52	17	0.98	338386	04/22/24	04/23/24	MES
Aroclor-1248	ND		ug/Kg	52	17	0.98	338386	04/22/24	04/23/24	MES
Aroclor-1254	ND		ug/Kg	52	16	0.98	338386	04/22/24	04/23/24	MES
Aroclor-1260	ND		ug/Kg	52	24	0.98	338386	04/22/24	04/23/24	MES
Aroclor-1262	ND		ug/Kg	52	13	0.98	338386	04/22/24	04/23/24	MES
Aroclor-1268	ND		ug/Kg	52	15	0.98	338386	04/22/24	04/23/24	MES

Surrogates

Limits

Decachlorobiphenyl (PCB)	98%		%REC	19-121		0.98	338386	04/22/24	04/23/24	MES
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Method: EPA 8260B

Prep Method: EPA 5030B

Freon 12	ND		ug/Kg	5.3	1.0	1	338582	04/24/24	04/24/24	TCN
Chloromethane	ND		ug/Kg	5.3	0.9	1	338582	04/24/24	04/24/24	TCN
Vinyl Chloride	ND		ug/Kg	5.3	1.0	1	338582	04/24/24	04/24/24	TCN
Bromomethane	ND		ug/Kg	5.3	1.2	1	338582	04/24/24	04/24/24	TCN
Chloroethane	ND		ug/Kg	5.3	2.6	1	338582	04/24/24	04/24/24	TCN
Trichlorofluoromethane	ND		ug/Kg	5.3	0.9	1	338582	04/24/24	04/24/24	TCN
Acetone	ND		ug/Kg	110	33	1	338582	04/24/24	04/24/24	TCN
Freon 113	ND		ug/Kg	5.3	0.8	1	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethene	ND		ug/Kg	5.3	1.1	1	338582	04/24/24	04/24/24	TCN
Methylene Chloride	ND		ug/Kg	21		1	338582	04/24/24	04/24/24	TCN
MTBE	ND		ug/Kg	5.3	1.1	1	338582	04/24/24	04/24/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	5.3	1.2	1	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethane	ND		ug/Kg	5.3	1.0	1	338582	04/24/24	04/24/24	TCN
2-Butanone	ND		ug/Kg	110	4.5	1	338582	04/24/24	04/24/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	5.3	0.8	1	338582	04/24/24	04/24/24	TCN
2,2-Dichloropropane	ND		ug/Kg	5.3	2.6	1	338582	04/24/24	04/24/24	TCN
Chloroform	ND		ug/Kg	5.3	1.0	1	338582	04/24/24	04/24/24	TCN
Bromochloromethane	ND		ug/Kg	5.3	0.5	1	338582	04/24/24	04/24/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	5.3	1.4	1	338582	04/24/24	04/24/24	TCN
1,1-Dichloropropene	ND		ug/Kg	5.3	0.8	1	338582	04/24/24	04/24/24	TCN
Carbon Tetrachloride	ND		ug/Kg	5.3	1.3	1	338582	04/24/24	04/24/24	TCN
1,2-Dichloroethane	ND		ug/Kg	5.3	1.1	1	338582	04/24/24	04/24/24	TCN
Benzene	ND		ug/Kg	5.3	0.5	1	338582	04/24/24	04/24/24	TCN
Trichloroethene	ND		ug/Kg	5.3	0.7	1	338582	04/24/24	04/24/24	TCN
1,2-Dichloropropane	ND		ug/Kg	5.3	0.8	1	338582	04/24/24	04/24/24	TCN
Bromodichloromethane	ND		ug/Kg	5.3	1.2	1	338582	04/24/24	04/24/24	TCN
Dibromomethane	ND		ug/Kg	5.3	0.5	1	338582	04/24/24	04/24/24	TCN

Analysis Results for 506597

506597-009 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
4-Methyl-2-Pentanone	ND		ug/Kg	5.3	1.7	1	338582	04/24/24	04/24/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	5.3	1.1	1	338582	04/24/24	04/24/24	TCN
Toluene	ND		ug/Kg	5.3	1.0	1	338582	04/24/24	04/24/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	5.3	1.5	1	338582	04/24/24	04/24/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	5.3	0.5	1	338582	04/24/24	04/24/24	TCN
1,3-Dichloropropane	ND		ug/Kg	5.3	0.7	1	338582	04/24/24	04/24/24	TCN
Tetrachloroethene	ND		ug/Kg	5.3	0.5	1	338582	04/24/24	04/24/24	TCN
Dibromochloromethane	ND		ug/Kg	5.3	0.6	1	338582	04/24/24	04/24/24	TCN
1,2-Dibromoethane	ND		ug/Kg	5.3	0.7	1	338582	04/24/24	04/24/24	TCN
Chlorobenzene	ND		ug/Kg	5.3	0.4	1	338582	04/24/24	04/24/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.3	0.8	1	338582	04/24/24	04/24/24	TCN
Ethylbenzene	ND		ug/Kg	5.3	0.7	1	338582	04/24/24	04/24/24	TCN
m,p-Xylenes	ND		ug/Kg	11	0.8	1	338582	04/24/24	04/24/24	TCN
o-Xylene	ND		ug/Kg	5.3	0.5	1	338582	04/24/24	04/24/24	TCN
Styrene	ND		ug/Kg	5.3	0.3	1	338582	04/24/24	04/24/24	TCN
Bromoform	ND		ug/Kg	5.3	1.1	1	338582	04/24/24	04/24/24	TCN
Isopropylbenzene	ND		ug/Kg	5.3	0.3	1	338582	04/24/24	04/24/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.3	0.5	1	338582	04/24/24	04/24/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	5.3	1.3	1	338582	04/24/24	04/24/24	TCN
Propylbenzene	ND		ug/Kg	5.3	0.4	1	338582	04/24/24	04/24/24	TCN
Bromobenzene	ND		ug/Kg	5.3	0.5	1	338582	04/24/24	04/24/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	5.3	0.4	1	338582	04/24/24	04/24/24	TCN
2-Chlorotoluene	ND		ug/Kg	5.3	0.4	1	338582	04/24/24	04/24/24	TCN
4-Chlorotoluene	ND		ug/Kg	5.3	0.4	1	338582	04/24/24	04/24/24	TCN
tert-Butylbenzene	ND		ug/Kg	5.3	0.4	1	338582	04/24/24	04/24/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	5.3	0.4	1	338582	04/24/24	04/24/24	TCN
sec-Butylbenzene	ND		ug/Kg	5.3	0.5	1	338582	04/24/24	04/24/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	5.3	0.3	1	338582	04/24/24	04/24/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	5.3	0.4	1	338582	04/24/24	04/24/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	5.3	0.3	1	338582	04/24/24	04/24/24	TCN
n-Butylbenzene	ND		ug/Kg	5.3	0.4	1	338582	04/24/24	04/24/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	5.3	0.4	1	338582	04/24/24	04/24/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.3	1.2	1	338582	04/24/24	04/24/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	5.3	0.6	1	338582	04/24/24	04/24/24	TCN
Hexachlorobutadiene	ND		ug/Kg	5.3	0.7	1	338582	04/24/24	04/24/24	TCN
Naphthalene	ND		ug/Kg	5.3	1.3	1	338582	04/24/24	04/24/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	5.3	0.8	1	338582	04/24/24	04/24/24	TCN
Surrogates				Limits						
Dibromofluoromethane	102%		%REC	70-145		1	338582	04/24/24	04/24/24	TCN
1,2-Dichloroethane-d4	101%		%REC	70-145		1	338582	04/24/24	04/24/24	TCN
Toluene-d8	98%		%REC	70-145		1	338582	04/24/24	04/24/24	TCN
Bromofluorobenzene	102%		%REC	70-145		1	338582	04/24/24	04/24/24	TCN
Method: EPA 8270C-SIM Prep Method: EPA 3546										
1-Methylnaphthalene	ND		ug/Kg	110	16	10	338434	04/22/24	04/25/24	DJL
2-Methylnaphthalene	ND		ug/Kg	110	16	10	338434	04/22/24	04/25/24	DJL
Naphthalene	ND		ug/Kg	110	38	10	338434	04/22/24	04/25/24	DJL
Acenaphthylene	ND		ug/Kg	110	17	10	338434	04/22/24	04/25/24	DJL
Acenaphthene	18	J	ug/Kg	110	11	10	338434	04/22/24	04/25/24	DJL
Fluorene	23	J	ug/Kg	110	13	10	338434	04/22/24	04/25/24	DJL
Phenanthrene	220		ug/Kg	110	23	10	338434	04/22/24	04/25/24	DJL
Anthracene	130		ug/Kg	110	15	10	338434	04/22/24	04/25/24	DJL

Analysis Results for 506597

506597-009 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Fluoranthene	750		ug/Kg	110	35	10	338434	04/22/24	04/25/24	DJL
Pyrene	900		ug/Kg	110	38	10	338434	04/22/24	04/25/24	DJL
Benzo(a)anthracene	400		ug/Kg	110	11	10	338434	04/22/24	04/25/24	DJL
Chrysene	750		ug/Kg	110	10	10	338434	04/22/24	04/25/24	DJL
Benzo(b)fluoranthene	600		ug/Kg	110	9.8	10	338434	04/22/24	04/25/24	DJL
Benzo(k)fluoranthene	240		ug/Kg	110	11	10	338434	04/22/24	04/25/24	DJL
Benzo(a)pyrene	220		ug/Kg	110	14	10	338434	04/22/24	04/25/24	DJL
Indeno(1,2,3-cd)pyrene	180		ug/Kg	110	16	10	338434	04/22/24	04/25/24	DJL
Dibenz(a,h)anthracene	36	J	ug/Kg	110	30	10	338434	04/22/24	04/25/24	DJL
Benzo(g,h,i)perylene	200		ug/Kg	53	8.7	5	338434	04/22/24	04/23/24	DJL
Surrogates				Limits						
Nitrobenzene-d5	77%		%REC	27-125		10	338434	04/22/24	04/25/24	DJL
2-Fluorobiphenyl	84%		%REC	30-120		10	338434	04/22/24	04/25/24	DJL
Terphenyl-d14	84%		%REC	33-155		10	338434	04/22/24	04/25/24	DJL

Analysis Results for 506597

Sample ID: GRB 10	Lab ID: 506597-010	Collected: 04/17/24 12:07
	Matrix: Soil	Basis: Dry

506597-010 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	ND		%	1		1	338539	04/23/24	04/24/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.0	0.87	0.98	338460	04/22/24	04/23/24	SBW
Arsenic	5.6		mg/Kg	0.99	0.25	0.98	338460	04/22/24	04/23/24	SBW
Barium	35		mg/Kg	0.99	0.079	0.98	338460	04/22/24	04/23/24	SBW
Beryllium	0.079	J	mg/Kg	0.50	0.0062	0.98	338460	04/22/24	04/23/24	SBW
Cadmium	0.083	J	mg/Kg	0.50	0.036	0.98	338460	04/22/24	04/23/24	SBW
Chromium	24		mg/Kg	0.99	0.23	0.98	338460	04/22/24	04/23/24	SBW
Cobalt	11		mg/Kg	0.50	0.22	0.98	338460	04/22/24	04/23/24	SBW
Copper	64		mg/Kg	0.99	0.14	0.98	338460	04/22/24	04/23/24	SBW
Lead	40		mg/Kg	0.99	0.26	0.98	338460	04/22/24	04/23/24	SBW
Molybdenum	0.76	J	mg/Kg	0.99	0.11	0.98	338460	04/22/24	04/23/24	SBW
Nickel	15		mg/Kg	0.99	0.12	0.98	338460	04/22/24	04/23/24	SBW
Selenium	1.3	J	mg/Kg	3.0	0.54	0.98	338460	04/22/24	04/23/24	SBW
Silver	ND		mg/Kg	0.50	0.061	0.98	338460	04/22/24	04/23/24	SBW
Thallium	ND		mg/Kg	3.0	0.33	0.98	338460	04/22/24	04/23/24	SBW
Vanadium	95		mg/Kg	0.99	0.051	0.98	338460	04/22/24	04/23/24	SBW
Zinc	34		mg/Kg	5.0	0.23	0.98	338460	04/22/24	04/23/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	0.098	J	mg/Kg	0.15	0.037	1.1	338476	04/23/24	04/23/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M										
GRO C6-C12	ND		mg/Kg	10		1	338396	04/22/24	04/23/24	KMB
DRO C10-C28	8.1	J	mg/Kg	10	3.5	1	338396	04/22/24	04/23/24	KMB
ORO C28-C44	7.9	J	mg/Kg	20	3.5	1	338396	04/22/24	04/23/24	KMB
Surrogates				Limits						
n-Triacontane	89%		%REC	70-130		1	338396	04/22/24	04/23/24	KMB
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.0	0.99	0.99	338386	04/22/24	04/23/24	MES
beta-BHC	ND		ug/Kg	5.0	1.4	0.99	338386	04/22/24	04/23/24	MES
gamma-BHC	ND		ug/Kg	5.0	1.0	0.99	338386	04/22/24	04/23/24	MES
delta-BHC	ND		ug/Kg	5.0	1.2	0.99	338386	04/22/24	04/23/24	MES
Heptachlor	ND		ug/Kg	5.0	1.7	0.99	338386	04/22/24	04/23/24	MES
Aldrin	ND		ug/Kg	5.0	1.4	0.99	338386	04/22/24	04/23/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1.7	0.99	338386	04/22/24	04/23/24	MES
Endosulfan I	ND		ug/Kg	5.0	1.4	0.99	338386	04/22/24	04/23/24	MES
Dieldrin	ND		ug/Kg	5.0	1.5	0.99	338386	04/22/24	04/23/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1.5	0.99	338386	04/22/24	04/23/24	MES
Endrin	ND		ug/Kg	5.0	1.7	0.99	338386	04/22/24	04/23/24	MES
Endosulfan II	ND		ug/Kg	5.0	1.7	0.99	338386	04/22/24	04/23/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	2.1	0.99	338386	04/22/24	04/23/24	MES
4,4'-DDD	ND		ug/Kg	5.0	0.93	0.99	338386	04/22/24	04/23/24	MES

Analysis Results for 506597

506597-010 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.0	1.2	0.99	338386	04/22/24	04/23/24	MES
Endrin ketone	ND		ug/Kg	5.0	1.5	0.99	338386	04/22/24	04/23/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1.7	0.99	338386	04/22/24	04/23/24	MES
Methoxychlor	ND		ug/Kg	10	2.3	0.99	338386	04/22/24	04/23/24	MES
Toxaphene	ND		ug/Kg	100	31	0.99	338386	04/22/24	04/23/24	MES
Chlordane (Technical)	ND		ug/Kg	50	9.1	0.99	338386	04/22/24	04/23/24	MES
Surrogates				Limits						
TCMX	99%		%REC	23-120		0.99	338386	04/22/24	04/23/24	MES
Decachlorobiphenyl	93%		%REC	24-120		0.99	338386	04/22/24	04/23/24	MES

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	50	13	0.99	338386	04/22/24	04/23/24	MES
Aroclor-1221	ND		ug/Kg	50	11	0.99	338386	04/22/24	04/23/24	MES
Aroclor-1232	ND		ug/Kg	50	11	0.99	338386	04/22/24	04/23/24	MES
Aroclor-1242	ND		ug/Kg	50	16	0.99	338386	04/22/24	04/23/24	MES
Aroclor-1248	ND		ug/Kg	50	17	0.99	338386	04/22/24	04/23/24	MES
Aroclor-1254	ND		ug/Kg	50	16	0.99	338386	04/22/24	04/23/24	MES
Aroclor-1260	ND		ug/Kg	50	23	0.99	338386	04/22/24	04/23/24	MES
Aroclor-1262	ND		ug/Kg	50	13	0.99	338386	04/22/24	04/23/24	MES
Aroclor-1268	ND		ug/Kg	50	14	0.99	338386	04/22/24	04/23/24	MES

Surrogates				Limits						
Decachlorobiphenyl (PCB)	114%		%REC	19-121		0.99	338386	04/22/24	04/23/24	MES

Method: EPA 8260B

Prep Method: EPA 5030B

Freon 12	ND		ug/Kg	250	130	50	338582	04/24/24	04/24/24	TCN
Chloromethane	ND		ug/Kg	250	190	50	338582	04/24/24	04/24/24	TCN
Vinyl Chloride	ND		ug/Kg	250	81	50	338582	04/24/24	04/24/24	TCN
Bromomethane	ND		ug/Kg	250	190	50	338582	04/24/24	04/24/24	TCN
Chloroethane	ND		ug/Kg	250	130	50	338582	04/24/24	04/24/24	TCN
Trichlorofluoromethane	ND		ug/Kg	250	100	50	338582	04/24/24	04/24/24	TCN
Acetone	ND		ug/Kg	5,100	1,900	50	338582	04/24/24	04/24/24	TCN
Freon 113	ND		ug/Kg	250	69	50	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethene	ND		ug/Kg	250	65	50	338582	04/24/24	04/24/24	TCN
Methylene Chloride	ND		ug/Kg	1,000		50	338582	04/24/24	04/24/24	TCN
MTBE	ND		ug/Kg	250	66	50	338582	04/24/24	04/24/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	250	50	50	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethane	ND		ug/Kg	250	52	50	338582	04/24/24	04/24/24	TCN
2-Butanone	ND		ug/Kg	5,100	280	50	338582	04/24/24	04/24/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	250	59	50	338582	04/24/24	04/24/24	TCN
2,2-Dichloropropane	ND		ug/Kg	250	45	50	338582	04/24/24	04/24/24	TCN
Chloroform	ND		ug/Kg	250	79	50	338582	04/24/24	04/24/24	TCN
Bromochloromethane	ND		ug/Kg	250	69	50	338582	04/24/24	04/24/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	250	58	50	338582	04/24/24	04/24/24	TCN
1,1-Dichloropropene	ND		ug/Kg	250	69	50	338582	04/24/24	04/24/24	TCN
Carbon Tetrachloride	ND		ug/Kg	250	57	50	338582	04/24/24	04/24/24	TCN
1,2-Dichloroethane	ND		ug/Kg	250	99	50	338582	04/24/24	04/24/24	TCN
Benzene	ND		ug/Kg	250	33	50	338582	04/24/24	04/24/24	TCN
Trichloroethene	ND		ug/Kg	250	38	50	338582	04/24/24	04/24/24	TCN
1,2-Dichloropropane	ND		ug/Kg	250	31	50	338582	04/24/24	04/24/24	TCN
Bromodichloromethane	ND		ug/Kg	250	40	50	338582	04/24/24	04/24/24	TCN
Dibromomethane	ND		ug/Kg	250	56	50	338582	04/24/24	04/24/24	TCN

Analysis Results for 506597

506597-010 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
4-Methyl-2-Pentanone	ND		ug/Kg	250	86	50	338582	04/24/24	04/24/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	250	45	50	338582	04/24/24	04/24/24	TCN
Toluene	ND		ug/Kg	250	52	50	338582	04/24/24	04/24/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	250	58	50	338582	04/24/24	04/24/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	250	34	50	338582	04/24/24	04/24/24	TCN
1,3-Dichloropropane	ND		ug/Kg	250	44	50	338582	04/24/24	04/24/24	TCN
Tetrachloroethene	ND		ug/Kg	250	37	50	338582	04/24/24	04/24/24	TCN
Dibromochloromethane	ND		ug/Kg	250	42	50	338582	04/24/24	04/24/24	TCN
1,2-Dibromoethane	ND		ug/Kg	250	31	50	338582	04/24/24	04/24/24	TCN
Chlorobenzene	ND		ug/Kg	250	46	50	338582	04/24/24	04/24/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	57	50	338582	04/24/24	04/24/24	TCN
Ethylbenzene	ND		ug/Kg	250	55	50	338582	04/24/24	04/24/24	TCN
m,p-Xylenes	ND		ug/Kg	510	120	50	338582	04/24/24	04/24/24	TCN
o-Xylene	ND		ug/Kg	250	52	50	338582	04/24/24	04/24/24	TCN
Styrene	ND		ug/Kg	250	47	50	338582	04/24/24	04/24/24	TCN
Bromoform	ND		ug/Kg	250	44	50	338582	04/24/24	04/24/24	TCN
Isopropylbenzene	ND		ug/Kg	250	43	50	338582	04/24/24	04/24/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	55	50	338582	04/24/24	04/24/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	250	73	50	338582	04/24/24	04/24/24	TCN
Propylbenzene	ND		ug/Kg	250	41	50	338582	04/24/24	04/24/24	TCN
Bromobenzene	ND		ug/Kg	250	45	50	338582	04/24/24	04/24/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	250	36	50	338582	04/24/24	04/24/24	TCN
2-Chlorotoluene	ND		ug/Kg	250	53	50	338582	04/24/24	04/24/24	TCN
4-Chlorotoluene	ND		ug/Kg	250	41	50	338582	04/24/24	04/24/24	TCN
tert-Butylbenzene	ND		ug/Kg	250	33	50	338582	04/24/24	04/24/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	250	47	50	338582	04/24/24	04/24/24	TCN
sec-Butylbenzene	ND		ug/Kg	250	38	50	338582	04/24/24	04/24/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	250	37	50	338582	04/24/24	04/24/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	250	38	50	338582	04/24/24	04/24/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	250	43	50	338582	04/24/24	04/24/24	TCN
n-Butylbenzene	ND		ug/Kg	250	59	50	338582	04/24/24	04/24/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	250	44	50	338582	04/24/24	04/24/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	78	50	338582	04/24/24	04/24/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	68	50	338582	04/24/24	04/24/24	TCN
Hexachlorobutadiene	ND		ug/Kg	250	57	50	338582	04/24/24	04/24/24	TCN
Naphthalene	ND		ug/Kg	250	73	50	338582	04/24/24	04/24/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	250	59	50	338582	04/24/24	04/24/24	TCN

Surrogates	Limits			DF	Batch	Prepared	Analyzed	Chemist
Dibromofluoromethane	98%	%REC	70-145	50	338582	04/24/24	04/24/24	TCN
1,2-Dichloroethane-d4	100%	%REC	70-145	50	338582	04/24/24	04/24/24	TCN
Toluene-d8	99%	%REC	70-145	50	338582	04/24/24	04/24/24	TCN
Bromofluorobenzene	100%	%REC	70-145	50	338582	04/24/24	04/24/24	TCN

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	1.5	1	338434	04/22/24	04/23/24	DJL
2-Methylnaphthalene	2.7	J	ug/Kg	10	1.5	1	338434	04/22/24	04/23/24	DJL
Naphthalene	6.6	J	ug/Kg	10	3.6	1	338434	04/22/24	04/23/24	DJL
Acenaphthylene	ND		ug/Kg	10	1.6	1	338434	04/22/24	04/23/24	DJL
Acenaphthene	ND		ug/Kg	10	1.1	1	338434	04/22/24	04/23/24	DJL
Fluorene	ND		ug/Kg	10	1.3	1	338434	04/22/24	04/23/24	DJL
Phenanthrene	11		ug/Kg	10	2.2	1	338434	04/22/24	04/23/24	DJL
Anthracene	5.9	J	ug/Kg	10	1.4	1	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

506597-010 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Fluoranthene	17		ug/Kg	10	3.4	1	338434	04/22/24	04/23/24	DJL
Pyrene	9.5	J	ug/Kg	10	3.7	1	338434	04/22/24	04/23/24	DJL
Benzo(a)anthracene	3.3	J	ug/Kg	10	1.1	1	338434	04/22/24	04/23/24	DJL
Chrysene	7.8	J	ug/Kg	10	0.98	1	338434	04/22/24	04/23/24	DJL
Benzo(b)fluoranthene	12		ug/Kg	10	0.94	1	338434	04/22/24	04/23/24	DJL
Benzo(k)fluoranthene	3.1	J	ug/Kg	10	1.1	1	338434	04/22/24	04/23/24	DJL
Benzo(a)pyrene	3.0	J	ug/Kg	10	1.4	1	338434	04/22/24	04/23/24	DJL
Indeno(1,2,3-cd)pyrene	5.3	J	ug/Kg	10	1.6	1	338434	04/22/24	04/23/24	DJL
Dibenz(a,h)anthracene	ND		ug/Kg	10	2.9	1	338434	04/22/24	04/23/24	DJL
Benzo(g,h,i)perylene	7.0	J	ug/Kg	10	1.7	1	338434	04/22/24	04/23/24	DJL
Surrogates				Limits						
Nitrobenzene-d5	46%		%REC	27-125		1	338434	04/22/24	04/23/24	DJL
2-Fluorobiphenyl	45%		%REC	30-120		1	338434	04/22/24	04/23/24	DJL
Terphenyl-d14	49%		%REC	33-155		1	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

Sample ID: GRB 11	Lab ID: 506597-011	Collected: 04/17/24 12:14
	Matrix: Soil	Basis: Dry

506597-011 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	1		%	1		1	338539	04/23/24	04/24/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	2.9	0.85	0.95	338460	04/22/24	04/23/24	SBW
Arsenic	4.8		mg/Kg	0.96	0.24	0.95	338460	04/22/24	04/23/24	SBW
Barium	18		mg/Kg	0.96	0.077	0.95	338460	04/22/24	04/23/24	SBW
Beryllium	0.10	J	mg/Kg	0.48	0.0060	0.95	338460	04/22/24	04/23/24	SBW
Cadmium	0.15	J	mg/Kg	0.48	0.035	0.95	338460	04/22/24	04/23/24	SBW
Chromium	26		mg/Kg	0.96	0.22	0.95	338460	04/22/24	04/23/24	SBW
Cobalt	4.9		mg/Kg	0.48	0.21	0.95	338460	04/22/24	04/23/24	SBW
Copper	47		mg/Kg	0.96	0.14	0.95	338460	04/22/24	04/23/24	SBW
Lead	25		mg/Kg	0.96	0.25	0.95	338460	04/22/24	04/23/24	SBW
Molybdenum	0.94	J	mg/Kg	0.96	0.11	0.95	338460	04/22/24	04/23/24	SBW
Nickel	22		mg/Kg	0.96	0.11	0.95	338460	04/22/24	04/23/24	SBW
Selenium	0.80	J	mg/Kg	2.9	0.52	0.95	338460	04/22/24	04/23/24	SBW
Silver	ND		mg/Kg	0.48	0.059	0.95	338460	04/22/24	04/23/24	SBW
Thallium	ND		mg/Kg	2.9	0.32	0.95	338460	04/22/24	04/23/24	SBW
Vanadium	29		mg/Kg	0.96	0.050	0.95	338460	04/22/24	04/23/24	SBW
Zinc	26		mg/Kg	4.8	0.23	0.95	338460	04/22/24	04/23/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	0.067	J	mg/Kg	0.15	0.037	1.1	338476	04/23/24	04/23/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M										
GRO C6-C12	ND		mg/Kg	10		1	338396	04/22/24	04/23/24	KMB
DRO C10-C28	21		mg/Kg	10	3.5	1	338396	04/22/24	04/23/24	KMB
ORO C28-C44	12	J	mg/Kg	20	3.5	1	338396	04/22/24	04/23/24	KMB
Surrogates				Limits						
n-Triacontane	91%		%REC	70-130		1	338396	04/22/24	04/23/24	KMB
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.1	1.0	1	338386	04/22/24	04/23/24	MES
beta-BHC	ND		ug/Kg	5.1	1.4	1	338386	04/22/24	04/23/24	MES
gamma-BHC	ND		ug/Kg	5.1	1.0	1	338386	04/22/24	04/23/24	MES
delta-BHC	ND		ug/Kg	5.1	1.2	1	338386	04/22/24	04/23/24	MES
Heptachlor	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Aldrin	ND		ug/Kg	5.1	1.4	1	338386	04/22/24	04/23/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan I	ND		ug/Kg	5.1	1.4	1	338386	04/22/24	04/23/24	MES
Dieldrin	ND		ug/Kg	5.1	1.6	1	338386	04/22/24	04/23/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1.5	1	338386	04/22/24	04/23/24	MES
Endrin	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan II	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	2.1	1	338386	04/22/24	04/23/24	MES
4,4'-DDD	ND		ug/Kg	5.1	0.95	1	338386	04/22/24	04/23/24	MES

Analysis Results for 506597

506597-011 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.1	1.2	1	338386	04/22/24	04/23/24	MES
Endrin ketone	ND		ug/Kg	5.1	1.5	1	338386	04/22/24	04/23/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1.8	1	338386	04/22/24	04/23/24	MES
Methoxychlor	ND		ug/Kg	10	2.3	1	338386	04/22/24	04/23/24	MES
Toxaphene	ND		ug/Kg	100	32	1	338386	04/22/24	04/23/24	MES
Chlordane (Technical)	ND		ug/Kg	51	9.3	1	338386	04/22/24	04/23/24	MES
Surrogates				Limits						
TCMX	76%		%REC	23-120		1	338386	04/22/24	04/23/24	MES
Decachlorobiphenyl	63%		%REC	24-120		1	338386	04/22/24	04/23/24	MES

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	51	13	1	338386	04/22/24	04/23/24	MES
Aroclor-1221	ND		ug/Kg	51	11	1	338386	04/22/24	04/23/24	MES
Aroclor-1232	ND		ug/Kg	51	11	1	338386	04/22/24	04/23/24	MES
Aroclor-1242	ND		ug/Kg	51	16	1	338386	04/22/24	04/23/24	MES
Aroclor-1248	ND		ug/Kg	51	17	1	338386	04/22/24	04/23/24	MES
Aroclor-1254	ND		ug/Kg	51	16	1	338386	04/22/24	04/23/24	MES
Aroclor-1260	ND		ug/Kg	51	23	1	338386	04/22/24	04/23/24	MES
Aroclor-1262	ND		ug/Kg	51	13	1	338386	04/22/24	04/23/24	MES
Aroclor-1268	ND		ug/Kg	51	15	1	338386	04/22/24	04/23/24	MES

Surrogates

Limits

Decachlorobiphenyl (PCB)	79%		%REC	19-121		1	338386	04/22/24	04/23/24	MES
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Method: EPA 8260B

Prep Method: EPA 5030B

Freon 12	ND		ug/Kg	5.1	1.0	1	338582	04/24/24	04/24/24	TCN
Chloromethane	ND		ug/Kg	5.1	0.8	1	338582	04/24/24	04/24/24	TCN
Vinyl Chloride	ND		ug/Kg	5.1	1.0	1	338582	04/24/24	04/24/24	TCN
Bromomethane	ND		ug/Kg	5.1	1.1	1	338582	04/24/24	04/24/24	TCN
Chloroethane	ND		ug/Kg	5.1	2.5	1	338582	04/24/24	04/24/24	TCN
Trichlorofluoromethane	ND		ug/Kg	5.1	0.8	1	338582	04/24/24	04/24/24	TCN
Acetone	ND		ug/Kg	100	32	1	338582	04/24/24	04/24/24	TCN
Freon 113	ND		ug/Kg	5.1	0.7	1	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethene	ND		ug/Kg	5.1	1.1	1	338582	04/24/24	04/24/24	TCN
Methylene Chloride	ND		ug/Kg	20		1	338582	04/24/24	04/24/24	TCN
MTBE	ND		ug/Kg	5.1	1.0	1	338582	04/24/24	04/24/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	5.1	1.1	1	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethane	ND		ug/Kg	5.1	0.9	1	338582	04/24/24	04/24/24	TCN
2-Butanone	ND		ug/Kg	100	4.3	1	338582	04/24/24	04/24/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	5.1	0.8	1	338582	04/24/24	04/24/24	TCN
2,2-Dichloropropane	ND		ug/Kg	5.1	2.5	1	338582	04/24/24	04/24/24	TCN
Chloroform	ND		ug/Kg	5.1	1.0	1	338582	04/24/24	04/24/24	TCN
Bromochloromethane	ND		ug/Kg	5.1	0.5	1	338582	04/24/24	04/24/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	5.1	1.3	1	338582	04/24/24	04/24/24	TCN
1,1-Dichloropropene	ND		ug/Kg	5.1	0.8	1	338582	04/24/24	04/24/24	TCN
Carbon Tetrachloride	ND		ug/Kg	5.1	1.2	1	338582	04/24/24	04/24/24	TCN
1,2-Dichloroethane	ND		ug/Kg	5.1	1.0	1	338582	04/24/24	04/24/24	TCN
Benzene	ND		ug/Kg	5.1	0.5	1	338582	04/24/24	04/24/24	TCN
Trichloroethene	ND		ug/Kg	5.1	0.7	1	338582	04/24/24	04/24/24	TCN
1,2-Dichloropropane	ND		ug/Kg	5.1	0.8	1	338582	04/24/24	04/24/24	TCN
Bromodichloromethane	ND		ug/Kg	5.1	1.2	1	338582	04/24/24	04/24/24	TCN
Dibromomethane	ND		ug/Kg	5.1	0.5	1	338582	04/24/24	04/24/24	TCN

Analysis Results for 506597

506597-011 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
4-Methyl-2-Pentanone	ND		ug/Kg	5.1	1.6	1	338582	04/24/24	04/24/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	5.1	1.1	1	338582	04/24/24	04/24/24	TCN
Toluene	ND		ug/Kg	5.1	0.9	1	338582	04/24/24	04/24/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	5.1	1.5	1	338582	04/24/24	04/24/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	5.1	0.5	1	338582	04/24/24	04/24/24	TCN
1,3-Dichloropropane	ND		ug/Kg	5.1	0.6	1	338582	04/24/24	04/24/24	TCN
Tetrachloroethene	ND		ug/Kg	5.1	0.5	1	338582	04/24/24	04/24/24	TCN
Dibromochloromethane	ND		ug/Kg	5.1	0.6	1	338582	04/24/24	04/24/24	TCN
1,2-Dibromoethane	ND		ug/Kg	5.1	0.6	1	338582	04/24/24	04/24/24	TCN
Chlorobenzene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.1	0.7	1	338582	04/24/24	04/24/24	TCN
Ethylbenzene	ND		ug/Kg	5.1	0.6	1	338582	04/24/24	04/24/24	TCN
m,p-Xylenes	ND		ug/Kg	10	0.8	1	338582	04/24/24	04/24/24	TCN
o-Xylene	ND		ug/Kg	5.1	0.5	1	338582	04/24/24	04/24/24	TCN
Styrene	ND		ug/Kg	5.1	0.3	1	338582	04/24/24	04/24/24	TCN
Bromoform	ND		ug/Kg	5.1	1.0	1	338582	04/24/24	04/24/24	TCN
Isopropylbenzene	ND		ug/Kg	5.1	0.3	1	338582	04/24/24	04/24/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.1	0.5	1	338582	04/24/24	04/24/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	5.1	1.3	1	338582	04/24/24	04/24/24	TCN
Propylbenzene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
Bromobenzene	ND		ug/Kg	5.1	0.5	1	338582	04/24/24	04/24/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
2-Chlorotoluene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
4-Chlorotoluene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
tert-Butylbenzene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
sec-Butylbenzene	ND		ug/Kg	5.1	0.5	1	338582	04/24/24	04/24/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	5.1	0.3	1	338582	04/24/24	04/24/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	5.1	0.3	1	338582	04/24/24	04/24/24	TCN
n-Butylbenzene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.1	1.2	1	338582	04/24/24	04/24/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	5.1	0.6	1	338582	04/24/24	04/24/24	TCN
Hexachlorobutadiene	ND		ug/Kg	5.1	0.6	1	338582	04/24/24	04/24/24	TCN
Naphthalene	ND		ug/Kg	5.1	1.2	1	338582	04/24/24	04/24/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	5.1	0.8	1	338582	04/24/24	04/24/24	TCN

Surrogates	Limits									
Dibromofluoromethane	100%	%REC	70-145			1	338582	04/24/24	04/24/24	TCN
1,2-Dichloroethane-d4	102%	%REC	70-145			1	338582	04/24/24	04/24/24	TCN
Toluene-d8	97%	%REC	70-145			1	338582	04/24/24	04/24/24	TCN
Bromofluorobenzene	103%	%REC	70-145			1	338582	04/24/24	04/24/24	TCN

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	20	3.1	2	338434	04/22/24	04/23/24	DJL
2-Methylnaphthalene	3.2	J	ug/Kg	20	3.1	2	338434	04/22/24	04/23/24	DJL
Naphthalene	ND		ug/Kg	20	7.3	2	338434	04/22/24	04/23/24	DJL
Acenaphthylene	14	J	ug/Kg	20	3.2	2	338434	04/22/24	04/23/24	DJL
Acenaphthene	ND		ug/Kg	20	2.1	2	338434	04/22/24	04/23/24	DJL
Fluorene	ND		ug/Kg	20	2.5	2	338434	04/22/24	04/23/24	DJL
Phenanthrene	6.7	J	ug/Kg	20	4.5	2	338434	04/22/24	04/23/24	DJL
Anthracene	31		ug/Kg	20	2.8	2	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

506597-011 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Fluoranthene	20	J	ug/Kg	20	6.8	2	338434	04/22/24	04/23/24	DJL
Pyrene	26		ug/Kg	20	7.4	2	338434	04/22/24	04/23/24	DJL
Benzo(a)anthracene	15	J	ug/Kg	20	2.2	2	338434	04/22/24	04/23/24	DJL
Chrysene	18	J	ug/Kg	20	2.0	2	338434	04/22/24	04/23/24	DJL
Benzo(b)fluoranthene	60		ug/Kg	20	1.9	2	338434	04/22/24	04/23/24	DJL
Benzo(k)fluoranthene	19	J	ug/Kg	20	2.1	2	338434	04/22/24	04/23/24	DJL
Benzo(a)pyrene	36		ug/Kg	20	2.7	2	338434	04/22/24	04/23/24	DJL
Indeno(1,2,3-cd)pyrene	74		ug/Kg	20	3.1	2	338434	04/22/24	04/23/24	DJL
Dibenz(a,h)anthracene	11	J	ug/Kg	20	5.7	2	338434	04/22/24	04/23/24	DJL
Benzo(g,h,i)perylene	120		ug/Kg	20	3.4	2	338434	04/22/24	04/23/24	DJL
Surrogates				Limits						
Nitrobenzene-d5	65%		%REC	27-125		2	338434	04/22/24	04/23/24	DJL
2-Fluorobiphenyl	74%		%REC	30-120		2	338434	04/22/24	04/23/24	DJL
Terphenyl-d14	78%		%REC	33-155		2	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

Sample ID: GRB 12	Lab ID: 506597-012	Collected: 04/17/24 12:35
	Matrix: Soil	Basis: Dry

506597-012 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	4		%	1		1	338539	04/23/24	04/24/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.1	0.90	0.98	338460	04/22/24	04/23/24	SBW
Arsenic	2.5		mg/Kg	1.0	0.26	0.98	338460	04/22/24	04/23/24	SBW
Barium	19		mg/Kg	1.0	0.081	0.98	338460	04/22/24	04/23/24	SBW
Beryllium	0.094	J	mg/Kg	0.51	0.0064	0.98	338460	04/22/24	04/23/24	SBW
Cadmium	0.11	J	mg/Kg	0.51	0.037	0.98	338460	04/22/24	04/23/24	SBW
Chromium	9.4		mg/Kg	1.0	0.23	0.98	338460	04/22/24	04/23/24	SBW
Cobalt	1.6		mg/Kg	0.51	0.23	0.98	338460	04/22/24	04/23/24	SBW
Copper	11		mg/Kg	1.0	0.14	0.98	338460	04/22/24	04/23/24	SBW
Lead	15		mg/Kg	1.0	0.27	0.98	338460	04/22/24	04/23/24	SBW
Molybdenum	0.25	J	mg/Kg	1.0	0.12	0.98	338460	04/22/24	04/23/24	SBW
Nickel	5.8		mg/Kg	1.0	0.12	0.98	338460	04/22/24	04/23/24	SBW
Selenium	ND		mg/Kg	3.1	0.55	0.98	338460	04/22/24	04/23/24	SBW
Silver	ND		mg/Kg	0.51	0.063	0.98	338460	04/22/24	04/23/24	SBW
Thallium	ND		mg/Kg	3.1	0.34	0.98	338460	04/22/24	04/23/24	SBW
Vanadium	12		mg/Kg	1.0	0.053	0.98	338460	04/22/24	04/23/24	SBW
Zinc	26		mg/Kg	5.1	0.24	0.98	338460	04/22/24	04/23/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	0.075	J	mg/Kg	0.16	0.039	1.1	338476	04/23/24	04/23/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M										
GRO C6-C12	ND		mg/Kg	10		0.99	338396	04/22/24	04/23/24	KMB
DRO C10-C28	12		mg/Kg	10	3.6	0.99	338396	04/22/24	04/23/24	KMB
ORO C28-C44	11	J	mg/Kg	21	3.6	0.99	338396	04/22/24	04/23/24	KMB
Surrogates				Limits						
n-Triacontane	75%		%REC	70-130		0.99	338396	04/22/24	04/23/24	KMB
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.3	1.0	1	338386	04/22/24	04/23/24	MES
beta-BHC	ND		ug/Kg	5.3	1.4	1	338386	04/22/24	04/23/24	MES
gamma-BHC	ND		ug/Kg	5.3	1.1	1	338386	04/22/24	04/23/24	MES
delta-BHC	ND		ug/Kg	5.3	1.3	1	338386	04/22/24	04/23/24	MES
Heptachlor	ND		ug/Kg	5.3	1.8	1	338386	04/22/24	04/23/24	MES
Aldrin	ND		ug/Kg	5.3	1.4	1	338386	04/22/24	04/23/24	MES
Heptachlor epoxide	ND		ug/Kg	5.3	1.8	1	338386	04/22/24	04/23/24	MES
Endosulfan I	ND		ug/Kg	5.3	1.5	1	338386	04/22/24	04/23/24	MES
Dieldrin	ND		ug/Kg	5.3	1.6	1	338386	04/22/24	04/23/24	MES
4,4'-DDE	ND		ug/Kg	5.3	1.5	1	338386	04/22/24	04/23/24	MES
Endrin	ND		ug/Kg	5.3	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan II	ND		ug/Kg	5.3	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan sulfate	ND		ug/Kg	5.3	2.2	1	338386	04/22/24	04/23/24	MES
4,4'-DDD	ND		ug/Kg	5.3	0.98	1	338386	04/22/24	04/23/24	MES

Analysis Results for 506597

506597-012 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.3	1.2	1	338386	04/22/24	04/23/24	MES
Endrin ketone	ND		ug/Kg	5.3	1.6	1	338386	04/22/24	04/23/24	MES
4,4'-DDT	ND		ug/Kg	5.3	1.8	1	338386	04/22/24	04/23/24	MES
Methoxychlor	ND		ug/Kg	11	2.4	1	338386	04/22/24	04/23/24	MES
Toxaphene	ND		ug/Kg	110	33	1	338386	04/22/24	04/23/24	MES
Chlordane (Technical)	ND		ug/Kg	53	9.6	1	338386	04/22/24	04/23/24	MES
Surrogates				Limits						
TCMX	82%		%REC	23-120		1	338386	04/22/24	04/23/24	MES
Decachlorobiphenyl	60%		%REC	24-120		1	338386	04/22/24	04/23/24	MES

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	53	13	1	338386	04/22/24	04/23/24	MES
Aroclor-1221	ND		ug/Kg	53	11	1	338386	04/22/24	04/23/24	MES
Aroclor-1232	ND		ug/Kg	53	11	1	338386	04/22/24	04/23/24	MES
Aroclor-1242	ND		ug/Kg	53	17	1	338386	04/22/24	04/23/24	MES
Aroclor-1248	ND		ug/Kg	53	18	1	338386	04/22/24	04/23/24	MES
Aroclor-1254	ND		ug/Kg	53	16	1	338386	04/22/24	04/23/24	MES
Aroclor-1260	ND		ug/Kg	53	24	1	338386	04/22/24	04/23/24	MES
Aroclor-1262	ND		ug/Kg	53	14	1	338386	04/22/24	04/23/24	MES
Aroclor-1268	ND		ug/Kg	53	15	1	338386	04/22/24	04/23/24	MES

Surrogates

Limits

Decachlorobiphenyl (PCB)	82%		%REC	19-121		1	338386	04/22/24	04/23/24	MES
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Method: EPA 8260B

Prep Method: EPA 5030B

Freon 12	ND		ug/Kg	5.2	1.0	1	338582	04/24/24	04/24/24	TCN
Chloromethane	ND		ug/Kg	5.2	0.9	1	338582	04/24/24	04/24/24	TCN
Vinyl Chloride	ND		ug/Kg	5.2	1.0	1	338582	04/24/24	04/24/24	TCN
Bromomethane	ND		ug/Kg	5.2	1.2	1	338582	04/24/24	04/24/24	TCN
Chloroethane	ND		ug/Kg	5.2	2.6	1	338582	04/24/24	04/24/24	TCN
Trichlorofluoromethane	ND		ug/Kg	5.2	0.9	1	338582	04/24/24	04/24/24	TCN
Acetone	ND		ug/Kg	100	33	1	338582	04/24/24	04/24/24	TCN
Freon 113	ND		ug/Kg	5.2	0.7	1	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethene	ND		ug/Kg	5.2	1.1	1	338582	04/24/24	04/24/24	TCN
Methylene Chloride	ND		ug/Kg	21		1	338582	04/24/24	04/24/24	TCN
MTBE	ND		ug/Kg	5.2	1.0	1	338582	04/24/24	04/24/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	5.2	1.2	1	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethane	ND		ug/Kg	5.2	0.9	1	338582	04/24/24	04/24/24	TCN
2-Butanone	ND		ug/Kg	100	4.5	1	338582	04/24/24	04/24/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	5.2	0.8	1	338582	04/24/24	04/24/24	TCN
2,2-Dichloropropane	ND		ug/Kg	5.2	2.6	1	338582	04/24/24	04/24/24	TCN
Chloroform	ND		ug/Kg	5.2	1.0	1	338582	04/24/24	04/24/24	TCN
Bromochloromethane	ND		ug/Kg	5.2	0.5	1	338582	04/24/24	04/24/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	5.2	1.3	1	338582	04/24/24	04/24/24	TCN
1,1-Dichloropropene	ND		ug/Kg	5.2	0.8	1	338582	04/24/24	04/24/24	TCN
Carbon Tetrachloride	ND		ug/Kg	5.2	1.3	1	338582	04/24/24	04/24/24	TCN
1,2-Dichloroethane	ND		ug/Kg	5.2	1.1	1	338582	04/24/24	04/24/24	TCN
Benzene	ND		ug/Kg	5.2	0.5	1	338582	04/24/24	04/24/24	TCN
Trichloroethene	ND		ug/Kg	5.2	0.7	1	338582	04/24/24	04/24/24	TCN
1,2-Dichloropropane	ND		ug/Kg	5.2	0.8	1	338582	04/24/24	04/24/24	TCN
Bromodichloromethane	ND		ug/Kg	5.2	1.2	1	338582	04/24/24	04/24/24	TCN
Dibromomethane	ND		ug/Kg	5.2	0.5	1	338582	04/24/24	04/24/24	TCN

Analysis Results for 506597

506597-012 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
4-Methyl-2-Pentanone	ND		ug/Kg	5.2	1.7	1	338582	04/24/24	04/24/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	5.2	1.1	1	338582	04/24/24	04/24/24	TCN
Toluene	ND		ug/Kg	5.2	1.0	1	338582	04/24/24	04/24/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	5.2	1.5	1	338582	04/24/24	04/24/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	5.2	0.5	1	338582	04/24/24	04/24/24	TCN
1,3-Dichloropropane	ND		ug/Kg	5.2	0.7	1	338582	04/24/24	04/24/24	TCN
Tetrachloroethene	ND		ug/Kg	5.2	0.5	1	338582	04/24/24	04/24/24	TCN
Dibromochloromethane	ND		ug/Kg	5.2	0.6	1	338582	04/24/24	04/24/24	TCN
1,2-Dibromoethane	ND		ug/Kg	5.2	0.7	1	338582	04/24/24	04/24/24	TCN
Chlorobenzene	ND		ug/Kg	5.2	0.4	1	338582	04/24/24	04/24/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.2	0.8	1	338582	04/24/24	04/24/24	TCN
Ethylbenzene	ND		ug/Kg	5.2	0.6	1	338582	04/24/24	04/24/24	TCN
m,p-Xylenes	ND		ug/Kg	10	0.8	1	338582	04/24/24	04/24/24	TCN
o-Xylene	ND		ug/Kg	5.2	0.5	1	338582	04/24/24	04/24/24	TCN
Styrene	ND		ug/Kg	5.2	0.3	1	338582	04/24/24	04/24/24	TCN
Bromoform	ND		ug/Kg	5.2	1.1	1	338582	04/24/24	04/24/24	TCN
Isopropylbenzene	ND		ug/Kg	5.2	0.3	1	338582	04/24/24	04/24/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.2	0.5	1	338582	04/24/24	04/24/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	5.2	1.3	1	338582	04/24/24	04/24/24	TCN
Propylbenzene	ND		ug/Kg	5.2	0.4	1	338582	04/24/24	04/24/24	TCN
Bromobenzene	ND		ug/Kg	5.2	0.5	1	338582	04/24/24	04/24/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	5.2	0.4	1	338582	04/24/24	04/24/24	TCN
2-Chlorotoluene	ND		ug/Kg	5.2	0.4	1	338582	04/24/24	04/24/24	TCN
4-Chlorotoluene	ND		ug/Kg	5.2	0.4	1	338582	04/24/24	04/24/24	TCN
tert-Butylbenzene	ND		ug/Kg	5.2	0.4	1	338582	04/24/24	04/24/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	5.2	0.4	1	338582	04/24/24	04/24/24	TCN
sec-Butylbenzene	ND		ug/Kg	5.2	0.5	1	338582	04/24/24	04/24/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	5.2	0.3	1	338582	04/24/24	04/24/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	5.2	0.4	1	338582	04/24/24	04/24/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	5.2	0.3	1	338582	04/24/24	04/24/24	TCN
n-Butylbenzene	ND		ug/Kg	5.2	0.4	1	338582	04/24/24	04/24/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	5.2	0.4	1	338582	04/24/24	04/24/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.2	1.2	1	338582	04/24/24	04/24/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	5.2	0.6	1	338582	04/24/24	04/24/24	TCN
Hexachlorobutadiene	ND		ug/Kg	5.2	0.7	1	338582	04/24/24	04/24/24	TCN
Naphthalene	ND		ug/Kg	5.2	1.3	1	338582	04/24/24	04/24/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	5.2	0.8	1	338582	04/24/24	04/24/24	TCN

Surrogates			Limits							
Dibromofluoromethane	100%	%REC	70-145		1	338582	04/24/24	04/24/24	TCN	
1,2-Dichloroethane-d4	99%	%REC	70-145		1	338582	04/24/24	04/24/24	TCN	
Toluene-d8	100%	%REC	70-145		1	338582	04/24/24	04/24/24	TCN	
Bromofluorobenzene	105%	%REC	70-145		1	338582	04/24/24	04/24/24	TCN	

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	52	7.9	5	338434	04/22/24	04/23/24	DJL
2-Methylnaphthalene	ND		ug/Kg	52	7.9	5	338434	04/22/24	04/23/24	DJL
Naphthalene	ND		ug/Kg	52	19	5	338434	04/22/24	04/23/24	DJL
Acenaphthylene	52	J	ug/Kg	52	8.3	5	338434	04/22/24	04/23/24	DJL
Acenaphthene	ND		ug/Kg	52	5.4	5	338434	04/22/24	04/23/24	DJL
Fluorene	ND		ug/Kg	52	6.5	5	338434	04/22/24	04/23/24	DJL
Phenanthrene	29	J	ug/Kg	52	11	5	338434	04/22/24	04/23/24	DJL
Anthracene	86		ug/Kg	52	7.3	5	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

506597-012 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Fluoranthene	88		ug/Kg	52	18	5	338434	04/22/24	04/23/24	DJL
Pyrene	75		ug/Kg	52	19	5	338434	04/22/24	04/23/24	DJL
Benzo(a)anthracene	27	J	ug/Kg	52	5.6	5	338434	04/22/24	04/23/24	DJL
Chrysene	47	J	ug/Kg	52	5.0	5	338434	04/22/24	04/23/24	DJL
Benzo(b)fluoranthene	120		ug/Kg	52	4.8	5	338434	04/22/24	04/23/24	DJL
Benzo(k)fluoranthene	35	J	ug/Kg	52	5.5	5	338434	04/22/24	04/23/24	DJL
Benzo(a)pyrene	43	J	ug/Kg	52	7.0	5	338434	04/22/24	04/23/24	DJL
Indeno(1,2,3-cd)pyrene	93		ug/Kg	52	8.0	5	338434	04/22/24	04/23/24	DJL
Dibenz(a,h)anthracene	20	J	ug/Kg	52	15	5	338434	04/22/24	04/23/24	DJL
Benzo(g,h,i)perylene	140		ug/Kg	52	8.6	5	338434	04/22/24	04/23/24	DJL
Surrogates				Limits						
Nitrobenzene-d5	74%		%REC	27-125		5	338434	04/22/24	04/23/24	DJL
2-Fluorobiphenyl	81%		%REC	30-120		5	338434	04/22/24	04/23/24	DJL
Terphenyl-d14	78%		%REC	33-155		5	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

Sample ID: GRB 13	Lab ID: 506597-013	Collected: 04/17/24 12:37
	Matrix: Soil	Basis: Dry

506597-013 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	2		%	1		1	338539	04/23/24	04/24/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.0	0.89	0.99	338460	04/22/24	04/23/24	SBW
Arsenic	1.8		mg/Kg	1.0	0.26	0.99	338460	04/22/24	04/23/24	SBW
Barium	12		mg/Kg	1.0	0.080	0.99	338460	04/22/24	04/23/24	SBW
Beryllium	0.077	J	mg/Kg	0.51	0.0063	0.99	338460	04/22/24	04/23/24	SBW
Cadmium	0.17	J	mg/Kg	0.51	0.037	0.99	338460	04/22/24	04/23/24	SBW
Chromium	5.8		mg/Kg	1.0	0.23	0.99	338460	04/22/24	04/23/24	SBW
Cobalt	0.84		mg/Kg	0.51	0.22	0.99	338460	04/22/24	04/23/24	SBW
Copper	4.7		mg/Kg	1.0	0.14	0.99	338460	04/22/24	04/23/24	SBW
Lead	5.5		mg/Kg	1.0	0.26	0.99	338460	04/22/24	04/23/24	SBW
Molybdenum	ND		mg/Kg	1.0	0.12	0.99	338460	04/22/24	04/23/24	SBW
Nickel	4.2		mg/Kg	1.0	0.12	0.99	338460	04/22/24	04/23/24	SBW
Selenium	ND		mg/Kg	3.0	0.55	0.99	338460	04/22/24	04/23/24	SBW
Silver	ND		mg/Kg	0.51	0.062	0.99	338460	04/22/24	04/23/24	SBW
Thallium	ND		mg/Kg	3.0	0.34	0.99	338460	04/22/24	04/23/24	SBW
Vanadium	6.4		mg/Kg	1.0	0.052	0.99	338460	04/22/24	04/23/24	SBW
Zinc	14		mg/Kg	5.1	0.24	0.99	338460	04/22/24	04/23/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	0.050	J	mg/Kg	0.16	0.039	1.1	338476	04/23/24	04/23/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M										
GRO C6-C12	ND		mg/Kg	10		1	338396	04/22/24	04/23/24	KMB
DRO C10-C28	7.1	J	mg/Kg	10	3.5	1	338396	04/22/24	04/23/24	KMB
ORO C28-C44	8.0	J	mg/Kg	20	3.5	1	338396	04/22/24	04/23/24	KMB
Surrogates				Limits						
n-Triacontane	89%		%REC	70-130		1	338396	04/22/24	04/23/24	KMB
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.1	1.0	0.99	338386	04/22/24	04/23/24	MES
beta-BHC	ND		ug/Kg	5.1	1.4	0.99	338386	04/22/24	04/23/24	MES
gamma-BHC	ND		ug/Kg	5.1	1.0	0.99	338386	04/22/24	04/23/24	MES
delta-BHC	ND		ug/Kg	5.1	1.2	0.99	338386	04/22/24	04/23/24	MES
Heptachlor	ND		ug/Kg	5.1	1.7	0.99	338386	04/22/24	04/23/24	MES
Aldrin	ND		ug/Kg	5.1	1.4	0.99	338386	04/22/24	04/23/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1.7	0.99	338386	04/22/24	04/23/24	MES
Endosulfan I	ND		ug/Kg	5.1	1.4	0.99	338386	04/22/24	04/23/24	MES
Dieldrin	ND		ug/Kg	5.1	1.5	0.99	338386	04/22/24	04/23/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1.5	0.99	338386	04/22/24	04/23/24	MES
Endrin	ND		ug/Kg	5.1	1.7	0.99	338386	04/22/24	04/23/24	MES
Endosulfan II	ND		ug/Kg	5.1	1.7	0.99	338386	04/22/24	04/23/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	2.1	0.99	338386	04/22/24	04/23/24	MES
4,4'-DDD	ND		ug/Kg	5.1	0.94	0.99	338386	04/22/24	04/23/24	MES

Analysis Results for 506597

506597-013 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.1	1.2	0.99	338386	04/22/24	04/23/24	MES
Endrin ketone	ND		ug/Kg	5.1	1.5	0.99	338386	04/22/24	04/23/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1.7	0.99	338386	04/22/24	04/23/24	MES
Methoxychlor	ND		ug/Kg	10	2.3	0.99	338386	04/22/24	04/23/24	MES
Toxaphene	ND		ug/Kg	100	31	0.99	338386	04/22/24	04/23/24	MES
Chlordane (Technical)	19	J	ug/Kg	51	9.2	0.99	338386	04/22/24	04/23/24	MES
Surrogates				Limits						
TCMX	80%		%REC	23-120		0.99	338386	04/22/24	04/23/24	MES
Decachlorobiphenyl	83%		%REC	24-120		0.99	338386	04/22/24	04/23/24	MES

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	51	13	0.99	338386	04/22/24	04/23/24	MES
Aroclor-1221	ND		ug/Kg	51	11	0.99	338386	04/22/24	04/23/24	MES
Aroclor-1232	ND		ug/Kg	51	11	0.99	338386	04/22/24	04/23/24	MES
Aroclor-1242	ND		ug/Kg	51	16	0.99	338386	04/22/24	04/23/24	MES
Aroclor-1248	ND		ug/Kg	51	17	0.99	338386	04/22/24	04/23/24	MES
Aroclor-1254	ND		ug/Kg	51	16	0.99	338386	04/22/24	04/23/24	MES
Aroclor-1260	ND		ug/Kg	51	23	0.99	338386	04/22/24	04/23/24	MES
Aroclor-1262	ND		ug/Kg	51	13	0.99	338386	04/22/24	04/23/24	MES
Aroclor-1268	ND		ug/Kg	51	15	0.99	338386	04/22/24	04/23/24	MES

Surrogates

Limits

Decachlorobiphenyl (PCB)	106%		%REC	19-121		0.99	338386	04/22/24	04/23/24	MES
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Method: EPA 8260B

Prep Method: EPA 5030B

Freon 12	ND		ug/Kg	5.1	1.0	1	338582	04/24/24	04/24/24	TCN
Chloromethane	ND		ug/Kg	5.1	0.8	1	338582	04/24/24	04/24/24	TCN
Vinyl Chloride	ND		ug/Kg	5.1	1.0	1	338582	04/24/24	04/24/24	TCN
Bromomethane	ND		ug/Kg	5.1	1.1	1	338582	04/24/24	04/24/24	TCN
Chloroethane	ND		ug/Kg	5.1	2.5	1	338582	04/24/24	04/24/24	TCN
Trichlorofluoromethane	ND		ug/Kg	5.1	0.8	1	338582	04/24/24	04/24/24	TCN
Acetone	ND		ug/Kg	100	32	1	338582	04/24/24	04/24/24	TCN
Freon 113	ND		ug/Kg	5.1	0.7	1	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethene	ND		ug/Kg	5.1	1.1	1	338582	04/24/24	04/24/24	TCN
Methylene Chloride	ND		ug/Kg	20		1	338582	04/24/24	04/24/24	TCN
MTBE	ND		ug/Kg	5.1	1.0	1	338582	04/24/24	04/24/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	5.1	1.1	1	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethane	ND		ug/Kg	5.1	0.9	1	338582	04/24/24	04/24/24	TCN
2-Butanone	ND		ug/Kg	100	4.4	1	338582	04/24/24	04/24/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	5.1	0.8	1	338582	04/24/24	04/24/24	TCN
2,2-Dichloropropane	ND		ug/Kg	5.1	2.5	1	338582	04/24/24	04/24/24	TCN
Chloroform	ND		ug/Kg	5.1	1.0	1	338582	04/24/24	04/24/24	TCN
Bromochloromethane	ND		ug/Kg	5.1	0.5	1	338582	04/24/24	04/24/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	5.1	1.3	1	338582	04/24/24	04/24/24	TCN
1,1-Dichloropropene	ND		ug/Kg	5.1	0.8	1	338582	04/24/24	04/24/24	TCN
Carbon Tetrachloride	ND		ug/Kg	5.1	1.3	1	338582	04/24/24	04/24/24	TCN
1,2-Dichloroethane	ND		ug/Kg	5.1	1.0	1	338582	04/24/24	04/24/24	TCN
Benzene	ND		ug/Kg	5.1	0.5	1	338582	04/24/24	04/24/24	TCN
Trichloroethene	ND		ug/Kg	5.1	0.7	1	338582	04/24/24	04/24/24	TCN
1,2-Dichloropropane	ND		ug/Kg	5.1	0.8	1	338582	04/24/24	04/24/24	TCN
Bromodichloromethane	ND		ug/Kg	5.1	1.2	1	338582	04/24/24	04/24/24	TCN
Dibromomethane	ND		ug/Kg	5.1	0.5	1	338582	04/24/24	04/24/24	TCN

Analysis Results for 506597

506597-013 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
4-Methyl-2-Pentanone	ND		ug/Kg	5.1	1.6	1	338582	04/24/24	04/24/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	5.1	1.1	1	338582	04/24/24	04/24/24	TCN
Toluene	ND		ug/Kg	5.1	1.0	1	338582	04/24/24	04/24/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	5.1	1.5	1	338582	04/24/24	04/24/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	5.1	0.5	1	338582	04/24/24	04/24/24	TCN
1,3-Dichloropropane	ND		ug/Kg	5.1	0.7	1	338582	04/24/24	04/24/24	TCN
Tetrachloroethene	ND		ug/Kg	5.1	0.5	1	338582	04/24/24	04/24/24	TCN
Dibromochloromethane	ND		ug/Kg	5.1	0.6	1	338582	04/24/24	04/24/24	TCN
1,2-Dibromoethane	ND		ug/Kg	5.1	0.7	1	338582	04/24/24	04/24/24	TCN
Chlorobenzene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.1	0.7	1	338582	04/24/24	04/24/24	TCN
Ethylbenzene	ND		ug/Kg	5.1	0.6	1	338582	04/24/24	04/24/24	TCN
m,p-Xylenes	ND		ug/Kg	10	0.8	1	338582	04/24/24	04/24/24	TCN
o-Xylene	ND		ug/Kg	5.1	0.5	1	338582	04/24/24	04/24/24	TCN
Styrene	ND		ug/Kg	5.1	0.3	1	338582	04/24/24	04/24/24	TCN
Bromoform	ND		ug/Kg	5.1	1.0	1	338582	04/24/24	04/24/24	TCN
Isopropylbenzene	ND		ug/Kg	5.1	0.3	1	338582	04/24/24	04/24/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.1	0.5	1	338582	04/24/24	04/24/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	5.1	1.3	1	338582	04/24/24	04/24/24	TCN
Propylbenzene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
Bromobenzene	ND		ug/Kg	5.1	0.5	1	338582	04/24/24	04/24/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
2-Chlorotoluene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
4-Chlorotoluene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
tert-Butylbenzene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
sec-Butylbenzene	ND		ug/Kg	5.1	0.5	1	338582	04/24/24	04/24/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	5.1	0.3	1	338582	04/24/24	04/24/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	5.1	0.3	1	338582	04/24/24	04/24/24	TCN
n-Butylbenzene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	5.1	0.4	1	338582	04/24/24	04/24/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.1	1.2	1	338582	04/24/24	04/24/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	5.1	0.6	1	338582	04/24/24	04/24/24	TCN
Hexachlorobutadiene	ND		ug/Kg	5.1	0.6	1	338582	04/24/24	04/24/24	TCN
Naphthalene	ND		ug/Kg	5.1	1.2	1	338582	04/24/24	04/24/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	5.1	0.8	1	338582	04/24/24	04/24/24	TCN

Surrogates			Limits							
Dibromofluoromethane	99%	%REC	70-145		1	338582	04/24/24	04/24/24	TCN	
1,2-Dichloroethane-d4	98%	%REC	70-145		1	338582	04/24/24	04/24/24	TCN	
Toluene-d8	101%	%REC	70-145		1	338582	04/24/24	04/24/24	TCN	
Bromofluorobenzene	104%	%REC	70-145		1	338582	04/24/24	04/24/24	TCN	

Method: EPA 8270C-SIM

Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	1.5	1	338434	04/22/24	04/23/24	DJL
2-Methylnaphthalene	ND		ug/Kg	10	1.5	1	338434	04/22/24	04/23/24	DJL
Naphthalene	ND		ug/Kg	10	3.6	1	338434	04/22/24	04/23/24	DJL
Acenaphthylene	11		ug/Kg	10	1.6	1	338434	04/22/24	04/23/24	DJL
Acenaphthene	ND		ug/Kg	10	1.1	1	338434	04/22/24	04/23/24	DJL
Fluorene	ND		ug/Kg	10	1.3	1	338434	04/22/24	04/23/24	DJL
Phenanthrene	5.1	J	ug/Kg	10	2.2	1	338434	04/22/24	04/23/24	DJL
Anthracene	34		ug/Kg	10	1.4	1	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

506597-013 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Fluoranthene	10		ug/Kg	10	3.4	1	338434	04/22/24	04/23/24	DJL
Pyrene	9.2	J	ug/Kg	10	3.7	1	338434	04/22/24	04/23/24	DJL
Benzo(a)anthracene	6.5	J	ug/Kg	10	1.1	1	338434	04/22/24	04/23/24	DJL
Chrysene	7.1	J	ug/Kg	10	0.98	1	338434	04/22/24	04/23/24	DJL
Benzo(b)fluoranthene	92		ug/Kg	10	0.94	1	338434	04/22/24	04/23/24	DJL
Benzo(k)fluoranthene	48		ug/Kg	10	1.1	1	338434	04/22/24	04/23/24	DJL
Benzo(a)pyrene	27		ug/Kg	10	1.4	1	338434	04/22/24	04/23/24	DJL
Indeno(1,2,3-cd)pyrene	35		ug/Kg	10	1.6	1	338434	04/22/24	04/23/24	DJL
Dibenz(a,h)anthracene	7.1	J	ug/Kg	10	2.9	1	338434	04/22/24	04/23/24	DJL
Benzo(g,h,i)perylene	26		ug/Kg	10	1.7	1	338434	04/22/24	04/23/24	DJL
Surrogates				Limits						
Nitrobenzene-d5	81%		%REC	27-125		1	338434	04/22/24	04/23/24	DJL
2-Fluorobiphenyl	85%		%REC	30-120		1	338434	04/22/24	04/23/24	DJL
Terphenyl-d14	79%		%REC	33-155		1	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

Sample ID: GRB 14	Lab ID: 506597-014	Collected: 04/17/24 12:53
	Matrix: Soil	Basis: Dry

506597-014 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	ND		%	1		1	338539	04/23/24	04/24/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.0	0.88	0.99	338460	04/22/24	04/23/24	SBW
Arsenic	2.4		mg/Kg	1.0	0.25	0.99	338460	04/22/24	04/23/24	SBW
Barium	49		mg/Kg	1.0	0.080	0.99	338460	04/22/24	04/23/24	SBW
Beryllium	0.079	J	mg/Kg	0.50	0.0063	0.99	338460	04/22/24	04/23/24	SBW
Cadmium	ND		mg/Kg	0.50	0.036	0.99	338460	04/22/24	04/23/24	SBW
Chromium	9.0		mg/Kg	1.0	0.23	0.99	338460	04/22/24	04/23/24	SBW
Cobalt	9.6		mg/Kg	0.50	0.22	0.99	338460	04/22/24	04/23/24	SBW
Copper	47		mg/Kg	1.0	0.14	0.99	338460	04/22/24	04/23/24	SBW
Lead	6.0		mg/Kg	1.0	0.26	0.99	338460	04/22/24	04/23/24	SBW
Molybdenum	0.28	J	mg/Kg	1.0	0.11	0.99	338460	04/22/24	04/23/24	SBW
Nickel	5.4		mg/Kg	1.0	0.12	0.99	338460	04/22/24	04/23/24	SBW
Selenium	1.2	J	mg/Kg	3.0	0.54	0.99	338460	04/22/24	04/23/24	SBW
Silver	ND		mg/Kg	0.50	0.062	0.99	338460	04/22/24	04/23/24	SBW
Thallium	ND		mg/Kg	3.0	0.34	0.99	338460	04/22/24	04/23/24	SBW
Vanadium	82		mg/Kg	1.0	0.051	0.99	338460	04/22/24	04/23/24	SBW
Zinc	33		mg/Kg	5.0	0.23	0.99	338460	04/22/24	04/23/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	0.092	J	mg/Kg	0.16	0.040	1.1	338476	04/23/24	04/23/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M										
GRO C6-C12	ND		mg/Kg	10		1	338396	04/22/24	04/23/24	KMB
DRO C10-C28	12		mg/Kg	10	3.5	1	338396	04/22/24	04/23/24	KMB
ORO C28-C44	15	J	mg/Kg	20	3.5	1	338396	04/22/24	04/23/24	KMB
Surrogates				Limits						
n-Triacontane	93%		%REC	70-130		1	338396	04/22/24	04/23/24	KMB
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.1	1.0	1	338386	04/22/24	04/23/24	MES
beta-BHC	ND		ug/Kg	5.1	1.4	1	338386	04/22/24	04/23/24	MES
gamma-BHC	ND		ug/Kg	5.1	1.0	1	338386	04/22/24	04/23/24	MES
delta-BHC	ND		ug/Kg	5.1	1.2	1	338386	04/22/24	04/23/24	MES
Heptachlor	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Aldrin	ND		ug/Kg	5.1	1.4	1	338386	04/22/24	04/23/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan I	ND		ug/Kg	5.1	1.4	1	338386	04/22/24	04/23/24	MES
Dieldrin	ND		ug/Kg	5.1	1.6	1	338386	04/22/24	04/23/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1.5	1	338386	04/22/24	04/23/24	MES
Endrin	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan II	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	2.1	1	338386	04/22/24	04/23/24	MES
4,4'-DDD	ND		ug/Kg	5.1	0.95	1	338386	04/22/24	04/23/24	MES

Analysis Results for 506597

506597-014 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.1	1.2	1	338386	04/22/24	04/23/24	MES
Endrin ketone	ND		ug/Kg	5.1	1.5	1	338386	04/22/24	04/23/24	MES
4,4'-DDT	2.1	J	ug/Kg	5.1	1.8	1	338386	04/22/24	04/23/24	MES
Methoxychlor	ND		ug/Kg	10	2.3	1	338386	04/22/24	04/23/24	MES
Toxaphene	ND		ug/Kg	100	32	1	338386	04/22/24	04/23/24	MES
Chlordane (Technical)	ND		ug/Kg	51	9.3	1	338386	04/22/24	04/23/24	MES
Surrogates				Limits						
TCMX	63%		%REC	23-120		1	338386	04/22/24	04/23/24	MES
Decachlorobiphenyl	52%		%REC	24-120		1	338386	04/22/24	04/23/24	MES

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	51	15	1	338386	04/22/24	04/23/24	MES
Aroclor-1221	ND		ug/Kg	51	23	1	338386	04/22/24	04/23/24	MES
Aroclor-1232	ND		ug/Kg	51	19	1	338386	04/22/24	04/23/24	MES
Aroclor-1242	ND		ug/Kg	51	18	1	338386	04/22/24	04/23/24	MES
Aroclor-1248	ND		ug/Kg	51	22	1	338386	04/22/24	04/23/24	MES
Aroclor-1254	ND		ug/Kg	51	6.7	1	338386	04/22/24	04/23/24	MES
Aroclor-1260	ND		ug/Kg	51	25	1	338386	04/22/24	04/23/24	MES
Aroclor-1262	ND		ug/Kg	51	17	1	338386	04/22/24	04/23/24	MES
Aroclor-1268	ND		ug/Kg	51	14	1	338386	04/22/24	04/23/24	MES

Surrogates

Limits

Decachlorobiphenyl (PCB)	96%		%REC	19-121		1	338386	04/22/24	04/23/24	MES
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Method: EPA 8260B

Prep Method: EPA 5030B

Freon 12	ND		ug/Kg	250	130	50	338582	04/24/24	04/24/24	TCN
Chloromethane	ND		ug/Kg	250	190	50	338582	04/24/24	04/24/24	TCN
Vinyl Chloride	ND		ug/Kg	250	81	50	338582	04/24/24	04/24/24	TCN
Bromomethane	ND		ug/Kg	250	190	50	338582	04/24/24	04/24/24	TCN
Chloroethane	ND		ug/Kg	250	130	50	338582	04/24/24	04/24/24	TCN
Trichlorofluoromethane	ND		ug/Kg	250	100	50	338582	04/24/24	04/24/24	TCN
Acetone	ND		ug/Kg	5,100	1,900	50	338582	04/24/24	04/24/24	TCN
Freon 113	ND		ug/Kg	250	69	50	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethene	ND		ug/Kg	250	65	50	338582	04/24/24	04/24/24	TCN
Methylene Chloride	ND		ug/Kg	1,000		50	338582	04/24/24	04/24/24	TCN
MTBE	ND		ug/Kg	250	66	50	338582	04/24/24	04/24/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	250	50	50	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethane	ND		ug/Kg	250	52	50	338582	04/24/24	04/24/24	TCN
2-Butanone	ND		ug/Kg	5,100	280	50	338582	04/24/24	04/24/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	250	59	50	338582	04/24/24	04/24/24	TCN
2,2-Dichloropropane	ND		ug/Kg	250	45	50	338582	04/24/24	04/24/24	TCN
Chloroform	ND		ug/Kg	250	79	50	338582	04/24/24	04/24/24	TCN
Bromochloromethane	ND		ug/Kg	250	69	50	338582	04/24/24	04/24/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	250	58	50	338582	04/24/24	04/24/24	TCN
1,1-Dichloropropene	ND		ug/Kg	250	69	50	338582	04/24/24	04/24/24	TCN
Carbon Tetrachloride	ND		ug/Kg	250	57	50	338582	04/24/24	04/24/24	TCN
1,2-Dichloroethane	ND		ug/Kg	250	99	50	338582	04/24/24	04/24/24	TCN
Benzene	ND		ug/Kg	250	33	50	338582	04/24/24	04/24/24	TCN
Trichloroethene	ND		ug/Kg	250	38	50	338582	04/24/24	04/24/24	TCN
1,2-Dichloropropane	ND		ug/Kg	250	31	50	338582	04/24/24	04/24/24	TCN
Bromodichloromethane	ND		ug/Kg	250	40	50	338582	04/24/24	04/24/24	TCN
Dibromomethane	ND		ug/Kg	250	56	50	338582	04/24/24	04/24/24	TCN

Analysis Results for 506597

506597-014 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
4-Methyl-2-Pentanone	ND		ug/Kg	250	86	50	338582	04/24/24	04/24/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	250	45	50	338582	04/24/24	04/24/24	TCN
Toluene	ND		ug/Kg	250	52	50	338582	04/24/24	04/24/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	250	58	50	338582	04/24/24	04/24/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	250	34	50	338582	04/24/24	04/24/24	TCN
1,3-Dichloropropane	ND		ug/Kg	250	44	50	338582	04/24/24	04/24/24	TCN
Tetrachloroethene	ND		ug/Kg	250	37	50	338582	04/24/24	04/24/24	TCN
Dibromochloromethane	ND		ug/Kg	250	42	50	338582	04/24/24	04/24/24	TCN
1,2-Dibromoethane	ND		ug/Kg	250	31	50	338582	04/24/24	04/24/24	TCN
Chlorobenzene	ND		ug/Kg	250	46	50	338582	04/24/24	04/24/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	57	50	338582	04/24/24	04/24/24	TCN
Ethylbenzene	ND		ug/Kg	250	55	50	338582	04/24/24	04/24/24	TCN
m,p-Xylenes	ND		ug/Kg	510	120	50	338582	04/24/24	04/24/24	TCN
o-Xylene	ND		ug/Kg	250	52	50	338582	04/24/24	04/24/24	TCN
Styrene	ND		ug/Kg	250	47	50	338582	04/24/24	04/24/24	TCN
Bromoform	ND		ug/Kg	250	44	50	338582	04/24/24	04/24/24	TCN
Isopropylbenzene	ND		ug/Kg	250	43	50	338582	04/24/24	04/24/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	55	50	338582	04/24/24	04/24/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	250	73	50	338582	04/24/24	04/24/24	TCN
Propylbenzene	ND		ug/Kg	250	41	50	338582	04/24/24	04/24/24	TCN
Bromobenzene	ND		ug/Kg	250	45	50	338582	04/24/24	04/24/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	250	36	50	338582	04/24/24	04/24/24	TCN
2-Chlorotoluene	ND		ug/Kg	250	53	50	338582	04/24/24	04/24/24	TCN
4-Chlorotoluene	ND		ug/Kg	250	41	50	338582	04/24/24	04/24/24	TCN
tert-Butylbenzene	ND		ug/Kg	250	33	50	338582	04/24/24	04/24/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	250	47	50	338582	04/24/24	04/24/24	TCN
sec-Butylbenzene	ND		ug/Kg	250	38	50	338582	04/24/24	04/24/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	250	37	50	338582	04/24/24	04/24/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	250	38	50	338582	04/24/24	04/24/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	250	43	50	338582	04/24/24	04/24/24	TCN
n-Butylbenzene	ND		ug/Kg	250	59	50	338582	04/24/24	04/24/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	250	44	50	338582	04/24/24	04/24/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	78	50	338582	04/24/24	04/24/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	68	50	338582	04/24/24	04/24/24	TCN
Hexachlorobutadiene	ND		ug/Kg	250	57	50	338582	04/24/24	04/24/24	TCN
Naphthalene	ND		ug/Kg	250	73	50	338582	04/24/24	04/24/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	250	59	50	338582	04/24/24	04/24/24	TCN
Surrogates				Limits						
Dibromofluoromethane	96%		%REC	70-145		50	338582	04/24/24	04/24/24	TCN
1,2-Dichloroethane-d4	100%		%REC	70-145		50	338582	04/24/24	04/24/24	TCN
Toluene-d8	98%		%REC	70-145		50	338582	04/24/24	04/24/24	TCN
Bromofluorobenzene	101%		%REC	70-145		50	338582	04/24/24	04/24/24	TCN
Method: EPA 8270C-SIM										
Prep Method: EPA 3546										
1-Methylnaphthalene	ND		ug/Kg	10	1.5	1	338434	04/22/24	04/23/24	DJL
2-Methylnaphthalene	ND		ug/Kg	10	1.5	1	338434	04/22/24	04/23/24	DJL
Naphthalene	ND		ug/Kg	10	3.6	1	338434	04/22/24	04/23/24	DJL
Acenaphthylene	ND		ug/Kg	10	1.6	1	338434	04/22/24	04/23/24	DJL
Acenaphthene	ND		ug/Kg	10	1.1	1	338434	04/22/24	04/23/24	DJL
Fluorene	ND		ug/Kg	10	1.3	1	338434	04/22/24	04/23/24	DJL
Phenanthrene	ND		ug/Kg	10	2.2	1	338434	04/22/24	04/23/24	DJL
Anthracene	2.3	J	ug/Kg	10	1.4	1	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

506597-014 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Fluoranthene	ND		ug/Kg	10	3.4	1	338434	04/22/24	04/23/24	DJL
Pyrene	ND		ug/Kg	10	3.7	1	338434	04/22/24	04/23/24	DJL
Benzo(a)anthracene	1.2	J	ug/Kg	10	1.1	1	338434	04/22/24	04/23/24	DJL
Chrysene	2.4	J	ug/Kg	10	0.98	1	338434	04/22/24	04/23/24	DJL
Benzo(b)fluoranthene	4.2	J	ug/Kg	10	0.94	1	338434	04/22/24	04/23/24	DJL
Benzo(k)fluoranthene	1.2	J	ug/Kg	10	1.1	1	338434	04/22/24	04/23/24	DJL
Benzo(a)pyrene	2.1	J	ug/Kg	10	1.4	1	338434	04/22/24	04/23/24	DJL
Indeno(1,2,3-cd)pyrene	2.9	J	ug/Kg	10	1.6	1	338434	04/22/24	04/23/24	DJL
Dibenz(a,h)anthracene	ND		ug/Kg	10	2.9	1	338434	04/22/24	04/23/24	DJL
Benzo(g,h,i)perylene	5.3	J	ug/Kg	10	1.7	1	338434	04/22/24	04/23/24	DJL
Surrogates				Limits						
Nitrobenzene-d5	62%		%REC	27-125		1	338434	04/22/24	04/23/24	DJL
2-Fluorobiphenyl	67%		%REC	30-120		1	338434	04/22/24	04/23/24	DJL
Terphenyl-d14	68%		%REC	33-155		1	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

Sample ID: GRB 15	Lab ID: 506597-015	Collected: 04/17/24 12:55
	Matrix: Soil	Basis: Dry

506597-015 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	ND		%	1		1	338539	04/23/24	04/24/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	2.9	0.84	0.95	338460	04/22/24	04/23/24	SBW
Arsenic	1.0		mg/Kg	0.95	0.24	0.95	338460	04/22/24	04/23/24	SBW
Barium	45		mg/Kg	0.95	0.076	0.95	338460	04/22/24	04/23/24	SBW
Beryllium	0.088	J	mg/Kg	0.48	0.0060	0.95	338460	04/22/24	04/23/24	SBW
Cadmium	ND		mg/Kg	0.48	0.035	0.95	338460	04/22/24	04/23/24	SBW
Chromium	8.2		mg/Kg	0.95	0.22	0.95	338460	04/22/24	04/23/24	SBW
Cobalt	8.8		mg/Kg	0.48	0.21	0.95	338460	04/22/24	04/23/24	SBW
Copper	55		mg/Kg	0.95	0.13	0.95	338460	04/22/24	04/23/24	SBW
Lead	5.4		mg/Kg	0.95	0.25	0.95	338460	04/22/24	04/23/24	SBW
Molybdenum	0.34	J	mg/Kg	0.95	0.11	0.95	338460	04/22/24	04/23/24	SBW
Nickel	3.3		mg/Kg	0.95	0.11	0.95	338460	04/22/24	04/23/24	SBW
Selenium	1.3	J	mg/Kg	2.9	0.51	0.95	338460	04/22/24	04/23/24	SBW
Silver	ND		mg/Kg	0.48	0.059	0.95	338460	04/22/24	04/23/24	SBW
Thallium	ND		mg/Kg	2.9	0.32	0.95	338460	04/22/24	04/23/24	SBW
Vanadium	110		mg/Kg	0.95	0.049	0.95	338460	04/22/24	04/23/24	SBW
Zinc	33		mg/Kg	4.8	0.22	0.95	338460	04/22/24	04/23/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	0.077	J	mg/Kg	0.16	0.040	1.2	338476	04/23/24	04/23/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M										
GRO C6-C12	ND		mg/Kg	39		3.9	338680	04/25/24	04/25/24	KMB
DRO C10-C28	ND		mg/Kg	39	14	3.9	338680	04/25/24	04/25/24	KMB
ORO C28-C44	ND		mg/Kg	79	14	3.9	338680	04/25/24	04/25/24	KMB
Surrogates				Limits						
n-Triacontane	103%		%REC	70-130		3.9	338680	04/25/24	04/25/24	KMB
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.1	1.0	1	338386	04/22/24	04/23/24	MES
beta-BHC	ND		ug/Kg	5.1	1.4	1	338386	04/22/24	04/23/24	MES
gamma-BHC	ND		ug/Kg	5.1	1.0	1	338386	04/22/24	04/23/24	MES
delta-BHC	ND		ug/Kg	5.1	1.2	1	338386	04/22/24	04/23/24	MES
Heptachlor	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Aldrin	ND		ug/Kg	5.1	1.4	1	338386	04/22/24	04/23/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan I	ND		ug/Kg	5.1	1.4	1	338386	04/22/24	04/23/24	MES
Dieldrin	ND		ug/Kg	5.1	1.5	1	338386	04/22/24	04/23/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1.5	1	338386	04/22/24	04/23/24	MES
Endrin	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan II	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	2.1	1	338386	04/22/24	04/23/24	MES
4,4'-DDD	ND		ug/Kg	5.1	0.94	1	338386	04/22/24	04/23/24	MES

Analysis Results for 506597

506597-015 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.1	1.2	1	338386	04/22/24	04/23/24	MES
Endrin ketone	ND		ug/Kg	5.1	1.5	1	338386	04/22/24	04/23/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1.7	1	338386	04/22/24	04/23/24	MES
Methoxychlor	ND		ug/Kg	10	2.3	1	338386	04/22/24	04/23/24	MES
Toxaphene	ND		ug/Kg	100	31	1	338386	04/22/24	04/23/24	MES
Chlordane (Technical)	ND		ug/Kg	51	9.2	1	338386	04/22/24	04/23/24	MES
Surrogates				Limits						
TCMX	54%		%REC	23-120		1	338386	04/22/24	04/23/24	MES
Decachlorobiphenyl	40%		%REC	24-120		1	338386	04/22/24	04/23/24	MES

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	51	13	1	338386	04/22/24	04/23/24	MES
Aroclor-1221	ND		ug/Kg	51	11	1	338386	04/22/24	04/23/24	MES
Aroclor-1232	ND		ug/Kg	51	11	1	338386	04/22/24	04/23/24	MES
Aroclor-1242	ND		ug/Kg	51	16	1	338386	04/22/24	04/23/24	MES
Aroclor-1248	ND		ug/Kg	51	17	1	338386	04/22/24	04/23/24	MES
Aroclor-1254	ND		ug/Kg	51	16	1	338386	04/22/24	04/23/24	MES
Aroclor-1260	ND		ug/Kg	51	23	1	338386	04/22/24	04/23/24	MES
Aroclor-1262	ND		ug/Kg	51	13	1	338386	04/22/24	04/23/24	MES
Aroclor-1268	ND		ug/Kg	51	15	1	338386	04/22/24	04/23/24	MES

Surrogates

Limits

Decachlorobiphenyl (PCB)	51%		%REC	19-121		1	338386	04/22/24	04/23/24	MES
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Method: EPA 8260B

Prep Method: EPA 5030B

Freon 12	ND		ug/Kg	250	130	50	338582	04/24/24	04/24/24	TCN
Chloromethane	ND		ug/Kg	250	180	50	338582	04/24/24	04/24/24	TCN
Vinyl Chloride	ND		ug/Kg	250	81	50	338582	04/24/24	04/24/24	TCN
Bromomethane	ND		ug/Kg	250	190	50	338582	04/24/24	04/24/24	TCN
Chloroethane	ND		ug/Kg	250	130	50	338582	04/24/24	04/24/24	TCN
Trichlorofluoromethane	ND		ug/Kg	250	99	50	338582	04/24/24	04/24/24	TCN
Acetone	ND		ug/Kg	5,000	1,900	50	338582	04/24/24	04/24/24	TCN
Freon 113	ND		ug/Kg	250	69	50	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethene	ND		ug/Kg	250	64	50	338582	04/24/24	04/24/24	TCN
Methylene Chloride	ND		ug/Kg	1,000		50	338582	04/24/24	04/24/24	TCN
MTBE	ND		ug/Kg	250	66	50	338582	04/24/24	04/24/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	250	49	50	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethane	ND		ug/Kg	250	52	50	338582	04/24/24	04/24/24	TCN
2-Butanone	ND		ug/Kg	5,000	280	50	338582	04/24/24	04/24/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	250	59	50	338582	04/24/24	04/24/24	TCN
2,2-Dichloropropane	ND		ug/Kg	250	45	50	338582	04/24/24	04/24/24	TCN
Chloroform	ND		ug/Kg	250	78	50	338582	04/24/24	04/24/24	TCN
Bromochloromethane	ND		ug/Kg	250	68	50	338582	04/24/24	04/24/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	250	57	50	338582	04/24/24	04/24/24	TCN
1,1-Dichloropropene	ND		ug/Kg	250	68	50	338582	04/24/24	04/24/24	TCN
Carbon Tetrachloride	ND		ug/Kg	250	56	50	338582	04/24/24	04/24/24	TCN
1,2-Dichloroethane	ND		ug/Kg	250	98	50	338582	04/24/24	04/24/24	TCN
Benzene	ND		ug/Kg	250	33	50	338582	04/24/24	04/24/24	TCN
Trichloroethene	ND		ug/Kg	250	38	50	338582	04/24/24	04/24/24	TCN
1,2-Dichloropropane	ND		ug/Kg	250	31	50	338582	04/24/24	04/24/24	TCN
Bromodichloromethane	ND		ug/Kg	250	40	50	338582	04/24/24	04/24/24	TCN
Dibromomethane	ND		ug/Kg	250	55	50	338582	04/24/24	04/24/24	TCN

Analysis Results for 506597

506597-015 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
4-Methyl-2-Pentanone	ND		ug/Kg	250	85	50	338582	04/24/24	04/24/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	250	44	50	338582	04/24/24	04/24/24	TCN
Toluene	ND		ug/Kg	250	51	50	338582	04/24/24	04/24/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	250	57	50	338582	04/24/24	04/24/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	250	33	50	338582	04/24/24	04/24/24	TCN
1,3-Dichloropropane	ND		ug/Kg	250	43	50	338582	04/24/24	04/24/24	TCN
Tetrachloroethene	ND		ug/Kg	250	37	50	338582	04/24/24	04/24/24	TCN
Dibromochloromethane	ND		ug/Kg	250	41	50	338582	04/24/24	04/24/24	TCN
1,2-Dibromoethane	ND		ug/Kg	250	31	50	338582	04/24/24	04/24/24	TCN
Chlorobenzene	ND		ug/Kg	250	46	50	338582	04/24/24	04/24/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	57	50	338582	04/24/24	04/24/24	TCN
Ethylbenzene	ND		ug/Kg	250	54	50	338582	04/24/24	04/24/24	TCN
m,p-Xylenes	ND		ug/Kg	500	120	50	338582	04/24/24	04/24/24	TCN
o-Xylene	ND		ug/Kg	250	52	50	338582	04/24/24	04/24/24	TCN
Styrene	ND		ug/Kg	250	47	50	338582	04/24/24	04/24/24	TCN
Bromoform	ND		ug/Kg	250	43	50	338582	04/24/24	04/24/24	TCN
Isopropylbenzene	ND		ug/Kg	250	42	50	338582	04/24/24	04/24/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	54	50	338582	04/24/24	04/24/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	250	72	50	338582	04/24/24	04/24/24	TCN
Propylbenzene	ND		ug/Kg	250	40	50	338582	04/24/24	04/24/24	TCN
Bromobenzene	ND		ug/Kg	250	45	50	338582	04/24/24	04/24/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	250	36	50	338582	04/24/24	04/24/24	TCN
2-Chlorotoluene	ND		ug/Kg	250	52	50	338582	04/24/24	04/24/24	TCN
4-Chlorotoluene	ND		ug/Kg	250	41	50	338582	04/24/24	04/24/24	TCN
tert-Butylbenzene	ND		ug/Kg	250	33	50	338582	04/24/24	04/24/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	250	47	50	338582	04/24/24	04/24/24	TCN
sec-Butylbenzene	ND		ug/Kg	250	37	50	338582	04/24/24	04/24/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	250	37	50	338582	04/24/24	04/24/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	250	38	50	338582	04/24/24	04/24/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	250	42	50	338582	04/24/24	04/24/24	TCN
n-Butylbenzene	ND		ug/Kg	250	58	50	338582	04/24/24	04/24/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	250	44	50	338582	04/24/24	04/24/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	77	50	338582	04/24/24	04/24/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	67	50	338582	04/24/24	04/24/24	TCN
Hexachlorobutadiene	ND		ug/Kg	250	56	50	338582	04/24/24	04/24/24	TCN
Naphthalene	ND		ug/Kg	250	73	50	338582	04/24/24	04/24/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	250	58	50	338582	04/24/24	04/24/24	TCN
Surrogates				Limits						
Dibromofluoromethane	98%		%REC	70-145		50	338582	04/24/24	04/24/24	TCN
1,2-Dichloroethane-d4	100%		%REC	70-145		50	338582	04/24/24	04/24/24	TCN
Toluene-d8	98%		%REC	70-145		50	338582	04/24/24	04/24/24	TCN
Bromofluorobenzene	100%		%REC	70-145		50	338582	04/24/24	04/24/24	TCN
Method: EPA 8270C-SIM Prep Method: EPA 3546										
1-Methylnaphthalene	ND		ug/Kg	10	1.5	1	338434	04/22/24	04/23/24	DJL
2-Methylnaphthalene	ND		ug/Kg	10	1.5	1	338434	04/22/24	04/23/24	DJL
Naphthalene	ND		ug/Kg	10	3.6	1	338434	04/22/24	04/23/24	DJL
Acenaphthylene	ND		ug/Kg	10	1.6	1	338434	04/22/24	04/23/24	DJL
Acenaphthene	ND		ug/Kg	10	1.0	1	338434	04/22/24	04/23/24	DJL
Fluorene	ND		ug/Kg	10	1.2	1	338434	04/22/24	04/23/24	DJL
Phenanthrene	ND		ug/Kg	10	2.2	1	338434	04/22/24	04/23/24	DJL
Anthracene	ND		ug/Kg	10	1.4	1	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

506597-015 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Fluoranthene	3.4	J	ug/Kg	10	3.4	1	338434	04/22/24	04/23/24	DJL
Pyrene	3.9	J	ug/Kg	10	3.6	1	338434	04/22/24	04/23/24	DJL
Benzo(a)anthracene	1.4	J	ug/Kg	10	1.1	1	338434	04/22/24	04/23/24	DJL
Chrysene	2.6	J	ug/Kg	10	0.96	1	338434	04/22/24	04/23/24	DJL
Benzo(b)fluoranthene	4.6	J	ug/Kg	10	0.93	1	338434	04/22/24	04/23/24	DJL
Benzo(k)fluoranthene	1.3	J	ug/Kg	10	1.1	1	338434	04/22/24	04/23/24	DJL
Benzo(a)pyrene	2.3	J	ug/Kg	10	1.3	1	338434	04/22/24	04/23/24	DJL
Indeno(1,2,3-cd)pyrene	3.0	J	ug/Kg	10	1.5	1	338434	04/22/24	04/23/24	DJL
Dibenz(a,h)anthracene	ND		ug/Kg	10	2.8	1	338434	04/22/24	04/23/24	DJL
Benzo(g,h,i)perylene	6.1	J	ug/Kg	10	1.7	1	338434	04/22/24	04/23/24	DJL
Surrogates				Limits						
Nitrobenzene-d5	51%		%REC	27-125		1	338434	04/22/24	04/23/24	DJL
2-Fluorobiphenyl	52%		%REC	30-120		1	338434	04/22/24	04/23/24	DJL
Terphenyl-d14	68%		%REC	33-155		1	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

Sample ID: GRB 16

Lab ID: 506597-016

Collected: 04/17/24 12:59

506597-016 Analyte	Result	Qual	Units	RL	MDL	Basis	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD												
Moisture, Percent	ND		%	1			Soil	1	338539	04/23/24	04/24/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B												
Antimony	ND		mg/Kg	3.0	0.89	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Arsenic	1.7		mg/Kg	1.0	0.26	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Barium	71		mg/Kg	1.0	0.080	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Beryllium	0.061	J	mg/Kg	0.51	0.0063	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Cadmium	0.68		mg/Kg	0.51	0.037	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Chromium	61		mg/Kg	1.0	0.23	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Cobalt	12		mg/Kg	0.51	0.22	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Copper	140		mg/Kg	1.0	0.14	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Lead	33		mg/Kg	1.0	0.26	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Molybdenum	0.52	J	mg/Kg	1.0	0.12	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Nickel	30		mg/Kg	1.0	0.12	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Selenium	1.3	J	mg/Kg	3.0	0.55	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Silver	ND		mg/Kg	0.51	0.062	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Thallium	ND		mg/Kg	3.0	0.34	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Vanadium	96		mg/Kg	1.0	0.052	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Zinc	55		mg/Kg	5.1	0.24	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Method: EPA 6010B Prep Method: METHOD												
Chromium	0.15	J	mg/L	0.30	0.0073		WET Leachate	10	339001	04/29/24	04/29/24	SBW
Method: EPA 7471A Prep Method: METHOD												
Mercury	0.071	J	mg/Kg	0.16	0.041	Dry	Soil	1.2	338476	04/23/24	04/23/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M												
GRO C6-C12	ND		mg/Kg	10		Dry	Soil	1	338396	04/22/24	04/24/24	KMB
DRO C10-C28	12		mg/Kg	10	3.5	Dry	Soil	1	338396	04/22/24	04/24/24	KMB
ORO C28-C44	13	J	mg/Kg	20	3.5	Dry	Soil	1	338396	04/22/24	04/24/24	KMB
Surrogates			Limits									
n-Triacontane	107%		%REC	70-130		Dry	Soil	1	338396	04/22/24	04/24/24	KMB
Method: EPA 8081A Prep Method: EPA 3546												
alpha-BHC	ND		ug/Kg	5.1	1.0	Dry	Soil	1	338386	04/22/24	04/23/24	MES
beta-BHC	ND		ug/Kg	5.1	1.4	Dry	Soil	1	338386	04/22/24	04/23/24	MES
gamma-BHC	ND		ug/Kg	5.1	1.0	Dry	Soil	1	338386	04/22/24	04/23/24	MES
delta-BHC	ND		ug/Kg	5.1	1.2	Dry	Soil	1	338386	04/22/24	04/23/24	MES
Heptachlor	2.9	J	ug/Kg	5.1	1.7	Dry	Soil	1	338386	04/22/24	04/23/24	MES
Aldrin	ND		ug/Kg	5.1	1.4	Dry	Soil	1	338386	04/22/24	04/23/24	MES
Heptachlor epoxide	ND		ug/Kg	5.1	1.7	Dry	Soil	1	338386	04/22/24	04/23/24	MES
Endosulfan I	ND		ug/Kg	5.1	1.4	Dry	Soil	1	338386	04/22/24	04/23/24	MES
Dieldrin	ND		ug/Kg	5.1	1.6	Dry	Soil	1	338386	04/22/24	04/23/24	MES
4,4'-DDE	ND		ug/Kg	5.1	1.5	Dry	Soil	1	338386	04/22/24	04/23/24	MES
Endrin	ND		ug/Kg	5.1	1.7	Dry	Soil	1	338386	04/22/24	04/23/24	MES
Endosulfan II	ND		ug/Kg	5.1	1.7	Dry	Soil	1	338386	04/22/24	04/23/24	MES
Endosulfan sulfate	ND		ug/Kg	5.1	2.1	Dry	Soil	1	338386	04/22/24	04/23/24	MES
4,4'-DDD	ND		ug/Kg	5.1	0.95	Dry	Soil	1	338386	04/22/24	04/23/24	MES
Endrin aldehyde	ND		ug/Kg	5.1	1.2	Dry	Soil	1	338386	04/22/24	04/23/24	MES
Endrin ketone	ND		ug/Kg	5.1	1.5	Dry	Soil	1	338386	04/22/24	04/23/24	MES
4,4'-DDT	ND		ug/Kg	5.1	1.8	Dry	Soil	1	338386	04/22/24	04/23/24	MES
Methoxychlor	ND		ug/Kg	10	2.3	Dry	Soil	1	338386	04/22/24	04/23/24	MES
Toxaphene	ND		ug/Kg	100	32	Dry	Soil	1	338386	04/22/24	04/23/24	MES

Results for any subcontracted analyses are not included in this section.

Analysis Results for 506597

506597-016 Analyte	Result	Qual	Units	RL	MDL	Basis	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Chlordane (Technical)	490		ug/Kg	51	9.3	Dry	Soil	1	338386	04/22/24	04/23/24	MES
Surrogates				Limits								
TCMX	61%		%REC	23-120		Dry	Soil	1	338386	04/22/24	04/23/24	MES
Decachlorobiphenyl	47%		%REC	24-120		Dry	Soil	1	338386	04/22/24	04/23/24	MES
Method: EPA 8082 Prep Method: EPA 3546												
Aroclor-1016	ND		ug/Kg	51	13	Dry	Soil	1	338386	04/22/24	04/23/24	MES
Aroclor-1221	ND		ug/Kg	51	11	Dry	Soil	1	338386	04/22/24	04/23/24	MES
Aroclor-1232	ND		ug/Kg	51	11	Dry	Soil	1	338386	04/22/24	04/23/24	MES
Aroclor-1242	ND		ug/Kg	51	16	Dry	Soil	1	338386	04/22/24	04/23/24	MES
Aroclor-1248	ND		ug/Kg	51	17	Dry	Soil	1	338386	04/22/24	04/23/24	MES
Aroclor-1254	ND		ug/Kg	51	16	Dry	Soil	1	338386	04/22/24	04/23/24	MES
Aroclor-1260	ND		ug/Kg	51	23	Dry	Soil	1	338386	04/22/24	04/23/24	MES
Aroclor-1262	ND		ug/Kg	51	13	Dry	Soil	1	338386	04/22/24	04/23/24	MES
Aroclor-1268	ND		ug/Kg	51	15	Dry	Soil	1	338386	04/22/24	04/23/24	MES
Surrogates				Limits								
Decachlorobiphenyl (PCB)	60%		%REC	19-121		Dry	Soil	1	338386	04/22/24	04/23/24	MES
Method: EPA 8260B Prep Method: EPA 5030B												
Freon 12	ND		ug/Kg	250	130	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Chloromethane	ND		ug/Kg	250	190	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Vinyl Chloride	ND		ug/Kg	250	81	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Bromomethane	ND		ug/Kg	250	190	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Chloroethane	ND		ug/Kg	250	130	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Trichlorofluoromethane	ND		ug/Kg	250	100	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Acetone	ND		ug/Kg	5,100	1,900	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Freon 113	ND		ug/Kg	250	69	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethene	ND		ug/Kg	250	65	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Methylene Chloride	ND		ug/Kg	1,000		Dry	Soil	50	338582	04/24/24	04/24/24	TCN
MTBE	ND		ug/Kg	250	66	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	250	50	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethane	ND		ug/Kg	250	52	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
2-Butanone	ND		ug/Kg	5,100	280	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	250	59	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
2,2-Dichloropropane	ND		ug/Kg	250	45	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Chloroform	ND		ug/Kg	250	79	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Bromochloromethane	ND		ug/Kg	250	69	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	250	58	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,1-Dichloropropene	ND		ug/Kg	250	69	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Carbon Tetrachloride	ND		ug/Kg	250	57	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,2-Dichloroethane	ND		ug/Kg	250	99	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Benzene	ND		ug/Kg	250	33	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Trichloroethene	ND		ug/Kg	250	38	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,2-Dichloropropane	ND		ug/Kg	250	31	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Bromodichloromethane	ND		ug/Kg	250	40	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Dibromomethane	ND		ug/Kg	250	56	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	250	86	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	250	45	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Toluene	ND		ug/Kg	250	52	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	250	58	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	250	34	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,3-Dichloropropane	ND		ug/Kg	250	44	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Tetrachloroethene	ND		ug/Kg	250	37	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Dibromochloromethane	ND		ug/Kg	250	42	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,2-Dibromoethane	ND		ug/Kg	250	31	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Chlorobenzene	ND		ug/Kg	250	46	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	57	Dry	Soil	50	338582	04/24/24	04/24/24	TCN

Analysis Results for 506597

506597-016 Analyte	Result	Qual	Units	RL	MDL	Basis	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Ethylbenzene	ND		ug/Kg	250	55	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
m,p-Xylenes	ND		ug/Kg	510	120	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
o-Xylene	ND		ug/Kg	250	52	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Styrene	ND		ug/Kg	250	47	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Bromoform	ND		ug/Kg	250	44	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Isopropylbenzene	ND		ug/Kg	250	43	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	55	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	250	73	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Propylbenzene	ND		ug/Kg	250	41	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Bromobenzene	ND		ug/Kg	250	45	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	250	36	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
2-Chlorotoluene	ND		ug/Kg	250	53	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
4-Chlorotoluene	ND		ug/Kg	250	41	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
tert-Butylbenzene	ND		ug/Kg	250	33	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	250	47	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
sec-Butylbenzene	ND		ug/Kg	250	38	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	250	37	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	250	38	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	250	43	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
n-Butylbenzene	ND		ug/Kg	250	59	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	250	44	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	78	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	68	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Hexachlorobutadiene	ND		ug/Kg	250	57	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Naphthalene	ND		ug/Kg	250	73	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	250	59	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Surrogates				Limits								
Dibromofluoromethane	95%		%REC	70-145		Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,2-Dichloroethane-d4	97%		%REC	70-145		Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Toluene-d8	99%		%REC	70-145		Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Bromofluorobenzene	100%		%REC	70-145		Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Method: EPA 8270C-SIM Prep Method: EPA 3546												
1-Methylnaphthalene	ND		ug/Kg	10	1.5	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
2-Methylnaphthalene	ND		ug/Kg	10	1.5	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Naphthalene	ND		ug/Kg	10	3.6	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Acenaphthylene	ND		ug/Kg	10	1.6	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Acenaphthene	ND		ug/Kg	10	1.1	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Fluorene	ND		ug/Kg	10	1.3	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Phenanthrene	5.5	J	ug/Kg	10	2.2	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Anthracene	3.3	J	ug/Kg	10	1.4	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Fluoranthene	11		ug/Kg	10	3.4	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Pyrene	11		ug/Kg	10	3.7	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Benzo(a)anthracene	4.2	J	ug/Kg	10	1.1	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Chrysene	12		ug/Kg	10	0.97	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Benzo(b)fluoranthene	23		ug/Kg	10	0.94	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Benzo(k)fluoranthene	6.7	J	ug/Kg	10	1.1	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Benzo(a)pyrene	6.7	J	ug/Kg	10	1.4	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Indeno(1,2,3-cd)pyrene	11		ug/Kg	10	1.6	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Dibenzo(a,h)anthracene	ND		ug/Kg	10	2.8	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Benzo(g,h,i)perylene	14		ug/Kg	10	1.7	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Surrogates				Limits								
Nitrobenzene-d5	64%		%REC	27-125		Dry	Soil	1	338434	04/22/24	04/23/24	DJL
2-Fluorobiphenyl	66%		%REC	30-120		Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Terphenyl-d14	79%		%REC	33-155		Dry	Soil	1	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

Sample ID: GRB 17
Lab ID: 506597-017
Collected: 04/17/24 13:03

506597-017 Analyte	Result	Qual	Units	RL	MDL	Basis	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD												
Moisture, Percent	ND		%	1			Soil	1	338539	04/23/24	04/24/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B												
Antimony	ND		mg/Kg	3.0	0.89	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Arsenic	2.0		mg/Kg	1.0	0.26	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Barium	36		mg/Kg	1.0	0.080	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Beryllium	0.054	J	mg/Kg	0.51	0.0063	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Cadmium	0.34	J	mg/Kg	0.51	0.037	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Chromium	12		mg/Kg	1.0	0.23	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Cobalt	9.8		mg/Kg	0.51	0.22	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Copper	70		mg/Kg	1.0	0.14	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Lead	53		mg/Kg	1.0	0.26	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Molybdenum	0.39	J	mg/Kg	1.0	0.12	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Nickel	8.9		mg/Kg	1.0	0.12	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Selenium	0.78	J	mg/Kg	3.0	0.55	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Silver	ND		mg/Kg	0.51	0.062	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Thallium	ND		mg/Kg	3.0	0.34	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Vanadium	74		mg/Kg	1.0	0.052	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Zinc	1,000		mg/Kg	5.1	0.24	Dry	Soil	1	338460	04/22/24	04/23/24	SBW
Method: EPA 6010B Prep Method: METHOD												
Lead	0.98		mg/L	0.15	0.044		WET Leachate	10	339001	04/29/24	04/29/24	SBW
Method: EPA 7470A Prep Method: METHOD												
Mercury	0.035	J	mg/L	0.10	0.020		WET Leachate	100	338977	04/29/24	04/29/24	KAM
Method: EPA 7471A Prep Method: METHOD												
Mercury	3.3		mg/Kg	0.76	0.19	Dry	Soil	5.4	338476	04/23/24	04/23/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M												
GRO C6-C12	ND		mg/Kg	10		Dry	Soil	0.99	338396	04/22/24	04/24/24	KMB
DRO C10-C28	110		mg/Kg	10	3.5	Dry	Soil	0.99	338396	04/22/24	04/24/24	KMB
ORO C28-C44	96		mg/Kg	20	3.5	Dry	Soil	0.99	338396	04/22/24	04/24/24	KMB
Surrogates			Limits									
n-Triacontane	93%		%REC	70-130		Dry	Soil	0.99	338396	04/22/24	04/24/24	KMB
Method: EPA 8081A Prep Method: EPA 3546												
alpha-BHC	ND		ug/Kg	5.0	0.98	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
beta-BHC	ND		ug/Kg	5.0	1.4	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
gamma-BHC	ND		ug/Kg	5.0	1.0	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
delta-BHC	ND		ug/Kg	5.0	1.2	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
Heptachlor	ND		ug/Kg	5.0	1.7	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
Aldrin	ND		ug/Kg	5.0	1.3	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
Heptachlor epoxide	ND		ug/Kg	5.0	1.7	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
Endosulfan I	ND		ug/Kg	5.0	1.4	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
Dieldrin	ND		ug/Kg	5.0	1.5	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
4,4'-DDE	ND		ug/Kg	5.0	1.4	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
Endrin	ND		ug/Kg	5.0	1.6	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
Endosulfan II	ND		ug/Kg	5.0	1.6	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
Endosulfan sulfate	ND		ug/Kg	5.0	2.0	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
4,4'-DDD	ND		ug/Kg	5.0	0.92	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
Endrin aldehyde	ND		ug/Kg	5.0	1.2	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES

Analysis Results for 506597

506597-017 Analyte	Result	Qual	Units	RL	MDL	Basis	Matrix	DF	Batch	Prepared	Analyzed	Chemist
Endrin ketone	ND		ug/Kg	5.0	1.5	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
4,4'-DDT	ND		ug/Kg	5.0	1.7	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
Methoxychlor	ND		ug/Kg	9.9	2.3	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
Toxaphene	ND		ug/Kg	99	31	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
Chlordane (Technical)	ND		ug/Kg	50	9.0	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
Surrogates			Limits									
TCMX	70%	%REC		23-120		Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
Decachlorobiphenyl	57%	%REC		24-120		Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
Method: EPA 8082 Prep Method: EPA 3546												
Aroclor-1016	ND		ug/Kg	50	13	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
Aroclor-1221	ND		ug/Kg	50	11	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
Aroclor-1232	ND		ug/Kg	50	11	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
Aroclor-1242	ND		ug/Kg	50	16	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
Aroclor-1248	ND		ug/Kg	50	17	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
Aroclor-1254	ND		ug/Kg	50	15	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
Aroclor-1260	64		ug/Kg	50	23	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
Aroclor-1262	ND		ug/Kg	50	13	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
Aroclor-1268	ND		ug/Kg	50	14	Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
Surrogates			Limits									
Decachlorobiphenyl (PCB)	71%	%REC		19-121		Dry	Soil	0.98	338386	04/22/24	04/23/24	MES
Method: EPA 8260B Prep Method: EPA 5030B												
Freon 12	ND		ug/Kg	250	130	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Chloromethane	ND		ug/Kg	250	190	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Vinyl Chloride	ND		ug/Kg	250	81	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Bromomethane	ND		ug/Kg	250	190	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Chloroethane	ND		ug/Kg	250	130	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Trichlorofluoromethane	ND		ug/Kg	250	100	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Acetone	ND		ug/Kg	5,100	1,900	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Freon 113	ND		ug/Kg	250	69	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethene	ND		ug/Kg	250	65	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Methylene Chloride	ND		ug/Kg	1,000		Dry	Soil	50	338582	04/24/24	04/24/24	TCN
MTBE	ND		ug/Kg	250	66	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
trans-1,2-Dichloroethene	ND		ug/Kg	250	50	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,1-Dichloroethane	ND		ug/Kg	250	52	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
2-Butanone	ND		ug/Kg	5,100	280	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
cis-1,2-Dichloroethene	ND		ug/Kg	250	59	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
2,2-Dichloropropane	ND		ug/Kg	250	45	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Chloroform	ND		ug/Kg	250	79	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Bromochloromethane	ND		ug/Kg	250	69	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,1,1-Trichloroethane	ND		ug/Kg	250	58	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,1-Dichloropropene	ND		ug/Kg	250	69	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Carbon Tetrachloride	ND		ug/Kg	250	57	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,2-Dichloroethane	ND		ug/Kg	250	99	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Benzene	ND		ug/Kg	250	33	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Trichloroethene	ND		ug/Kg	250	38	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,2-Dichloropropane	ND		ug/Kg	250	31	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Bromodichloromethane	ND		ug/Kg	250	40	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Dibromomethane	ND		ug/Kg	250	56	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
4-Methyl-2-Pentanone	ND		ug/Kg	250	86	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
cis-1,3-Dichloropropene	ND		ug/Kg	250	45	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Toluene	ND		ug/Kg	250	52	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
trans-1,3-Dichloropropene	ND		ug/Kg	250	58	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,1,2-Trichloroethane	ND		ug/Kg	250	34	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,3-Dichloropropane	ND		ug/Kg	250	44	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Tetrachloroethene	ND		ug/Kg	250	37	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Dibromochloromethane	ND		ug/Kg	250	42	Dry	Soil	50	338582	04/24/24	04/24/24	TCN

Analysis Results for 506597

506597-017 Analyte	Result	Qual	Units	RL	MDL	Basis	Matrix	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dibromoethane	ND		ug/Kg	250	31	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Chlorobenzene	ND		ug/Kg	250	46	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	57	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Ethylbenzene	ND		ug/Kg	250	55	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
m,p-Xylenes	ND		ug/Kg	510	120	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
o-Xylene	ND		ug/Kg	250	52	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Styrene	ND		ug/Kg	250	47	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Bromoform	ND		ug/Kg	250	44	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Isopropylbenzene	ND		ug/Kg	250	43	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	55	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,2,3-Trichloropropane	ND		ug/Kg	250	73	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Propylbenzene	ND		ug/Kg	250	41	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Bromobenzene	ND		ug/Kg	250	45	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,3,5-Trimethylbenzene	ND		ug/Kg	250	36	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
2-Chlorotoluene	ND		ug/Kg	250	53	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
4-Chlorotoluene	ND		ug/Kg	250	41	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
tert-Butylbenzene	ND		ug/Kg	250	33	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,2,4-Trimethylbenzene	ND		ug/Kg	250	47	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
sec-Butylbenzene	ND		ug/Kg	250	38	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
para-Isopropyl Toluene	ND		ug/Kg	250	37	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,3-Dichlorobenzene	ND		ug/Kg	250	38	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,4-Dichlorobenzene	ND		ug/Kg	250	43	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
n-Butylbenzene	ND		ug/Kg	250	59	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,2-Dichlorobenzene	ND		ug/Kg	250	44	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	78	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,2,4-Trichlorobenzene	ND		ug/Kg	250	68	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Hexachlorobutadiene	ND		ug/Kg	250	57	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Naphthalene	ND		ug/Kg	250	73	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,2,3-Trichlorobenzene	ND		ug/Kg	250	59	Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Surrogates				Limits								
Dibromofluoromethane	95%		%REC	70-145		Dry	Soil	50	338582	04/24/24	04/24/24	TCN
1,2-Dichloroethane-d4	99%		%REC	70-145		Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Toluene-d8	100%		%REC	70-145		Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Bromofluorobenzene	98%		%REC	70-145		Dry	Soil	50	338582	04/24/24	04/24/24	TCN
Method: EPA 8270C-SIM Prep Method: EPA 3546												
1-Methylnaphthalene	ND		ug/Kg	10	1.5	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
2-Methylnaphthalene	ND		ug/Kg	10	1.5	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Naphthalene	ND		ug/Kg	10	3.6	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Acenaphthylene	ND		ug/Kg	10	1.6	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Acenaphthene	ND		ug/Kg	10	1.1	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Fluorene	ND		ug/Kg	10	1.3	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Phenanthrene	4.6	J	ug/Kg	10	2.2	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Anthracene	1.7	J	ug/Kg	10	1.4	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Fluoranthene	6.9	J	ug/Kg	10	3.4	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Pyrene	6.5	J	ug/Kg	10	3.7	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Benzo(a)anthracene	1.9	J	ug/Kg	10	1.1	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Chrysene	4.3	J	ug/Kg	10	0.97	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Benzo(b)fluoranthene	7.9	J	ug/Kg	10	0.94	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Benzo(k)fluoranthene	2.3	J	ug/Kg	10	1.1	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Benzo(a)pyrene	2.6	J	ug/Kg	10	1.4	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Indeno(1,2,3-cd)pyrene	5.3	J	ug/Kg	10	1.6	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Dibenz(a,h)anthracene	ND		ug/Kg	10	2.8	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Benzo(g,h,i)perylene	9.5	J	ug/Kg	10	1.7	Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Surrogates				Limits								
Nitrobenzene-d5	51%		%REC	27-125		Dry	Soil	1	338434	04/22/24	04/23/24	DJL
2-Fluorobiphenyl	55%		%REC	30-120		Dry	Soil	1	338434	04/22/24	04/23/24	DJL
Terphenyl-d14	73%		%REC	33-155		Dry	Soil	1	338434	04/22/24	04/23/24	DJL

Analysis Results for 506597

DO Diluted Out
J Estimated value
ND Not Detected

Batch QC

Type: Sample Duplicate	Lab ID: QC1147141	Batch: 338539
Matrix (Source ID): Soil (506597-012)	Method: ASTM D2216	Prep Method: METHOD

QC1147141 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	Basis	DF
Moisture, Percent	3.775	4.026	%		6	20		1

Type: Blank	Lab ID: QC1148786	Batch: 339001
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1148786 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chromium	ND		mg/L	0.30	0.0073	04/29/24	04/29/24
Lead	ND		mg/L	0.15	0.044	04/29/24	04/29/24

Type: Lab Control Sample	Lab ID: QC1148787	Batch: 339001
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1148787 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chromium	3.985	4.000	mg/L	100%		80-120
Lead	4.343	4.000	mg/L	109%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1148788	Batch: 339001
Matrix: WET Leachate	Method: EPA 6010B	Prep Method: METHOD

QC1148788 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
Chromium	3.922	4.000	mg/L	98%		80-120	2	20
Lead	4.330	4.000	mg/L	108%		80-120	0	20

Type: Blank	Lab ID: QC1146869	Batch: 338460
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1146869 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	0.88	04/22/24	04/23/24
Arsenic	ND		mg/Kg	1.0	0.25	04/22/24	04/23/24
Barium	ND		mg/Kg	1.0	0.080	04/22/24	04/23/24
Beryllium	ND		mg/Kg	0.50	0.0063	04/22/24	04/23/24
Cadmium	ND		mg/Kg	0.50	0.036	04/22/24	04/23/24
Chromium	ND		mg/Kg	1.0	0.23	04/22/24	04/23/24
Cobalt	ND		mg/Kg	0.50	0.22	04/22/24	04/23/24
Copper	0.17	J	mg/Kg	1.0	0.14	04/22/24	04/23/24
Lead	ND		mg/Kg	1.0	0.26	04/22/24	04/23/24
Molybdenum	ND		mg/Kg	1.0	0.11	04/22/24	04/23/24
Nickel	ND		mg/Kg	1.0	0.12	04/22/24	04/23/24
Selenium	ND		mg/Kg	3.0	0.54	04/22/24	04/23/24
Silver	ND		mg/Kg	0.50	0.062	04/22/24	04/23/24
Thallium	ND		mg/Kg	3.0	0.34	04/22/24	04/23/24
Vanadium	ND		mg/Kg	1.0	0.051	04/22/24	04/23/24
Zinc	ND		mg/Kg	5.0	0.23	04/22/24	04/23/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1146870	Batch: 338460
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1146870 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	97.55	100.0	mg/Kg	98%		80-120
Arsenic	98.10	100.0	mg/Kg	98%		80-120
Barium	99.33	100.0	mg/Kg	99%		80-120
Beryllium	99.49	100.0	mg/Kg	99%		80-120
Cadmium	98.56	100.0	mg/Kg	99%		80-120
Chromium	99.23	100.0	mg/Kg	99%		80-120
Cobalt	106.0	100.0	mg/Kg	106%		80-120
Copper	98.67	100.0	mg/Kg	99%		80-120
Lead	103.8	100.0	mg/Kg	104%		80-120
Molybdenum	98.56	100.0	mg/Kg	99%		80-120
Nickel	103.4	100.0	mg/Kg	103%		80-120
Selenium	92.52	100.0	mg/Kg	93%		80-120
Silver	47.27	50.00	mg/Kg	95%		80-120
Thallium	103.6	100.0	mg/Kg	104%		80-120
Vanadium	99.06	100.0	mg/Kg	99%		80-120
Zinc	96.55	100.0	mg/Kg	97%		80-120

Type: Matrix Spike	Lab ID: QC1146871	Batch: 338460
Matrix (Source ID): Soil (506597-001)	Method: EPA 6010B	Prep Method: EPA 3050B
		Basis: Dry

QC1146871 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	17.93	ND	96.15	mg/Kg	19%	*	75-125	0.96
Arsenic	99.73	0.4191	96.15	mg/Kg	103%		75-125	0.96
Barium	163.7	65.66	96.15	mg/Kg	102%		75-125	0.96
Beryllium	99.89	0.09125	96.15	mg/Kg	104%		75-125	0.96
Cadmium	93.13	ND	96.15	mg/Kg	97%		75-125	0.96
Chromium	102.3	5.832	96.15	mg/Kg	100%		75-125	0.96
Cobalt	110.5	10.35	96.15	mg/Kg	104%		75-125	0.96
Copper	202.6	101.2	96.15	mg/Kg	105%		75-125	0.96
Lead	104.9	7.225	96.15	mg/Kg	102%		75-125	0.96
Molybdenum	92.86	0.4317	96.15	mg/Kg	96%		75-125	0.96
Nickel	98.95	2.891	96.15	mg/Kg	100%		75-125	0.96
Selenium	93.31	1.544	96.15	mg/Kg	95%		75-125	0.96
Silver	50.25	ND	48.08	mg/Kg	105%		75-125	0.96
Thallium	95.36	ND	96.15	mg/Kg	99%		75-125	0.96
Vanadium	225.3	117.8	96.15	mg/Kg	112%		75-125	0.96
Zinc	120.8	28.99	96.15	mg/Kg	95%		75-125	0.96

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1146872	Batch: 338460
Matrix (Source ID): Soil (506597-001)	Method: EPA 6010B	Prep Method: EPA 3050B
		Basis: Dry

QC1146872 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	19.26	ND	96.15	mg/Kg	20%	*	75-125	7	41	0.96
Arsenic	97.34	0.4191	96.15	mg/Kg	101%		75-125	2	35	0.96
Barium	159.7	65.66	96.15	mg/Kg	98%		75-125	2	20	0.96
Beryllium	97.95	0.09125	96.15	mg/Kg	102%		75-125	2	20	0.96
Cadmium	91.21	ND	96.15	mg/Kg	95%		75-125	2	20	0.96
Chromium	99.97	5.832	96.15	mg/Kg	98%		75-125	2	20	0.96
Cobalt	108.4	10.35	96.15	mg/Kg	102%		75-125	2	20	0.96
Copper	199.9	101.2	96.15	mg/Kg	103%		75-125	1	20	0.96
Lead	102.8	7.225	96.15	mg/Kg	99%		75-125	2	20	0.96
Molybdenum	91.47	0.4317	96.15	mg/Kg	95%		75-125	2	20	0.96
Nickel	96.76	2.891	96.15	mg/Kg	98%		75-125	2	20	0.96
Selenium	91.20	1.544	96.15	mg/Kg	93%		75-125	2	20	0.96
Silver	48.91	ND	48.08	mg/Kg	102%		75-125	3	20	0.96
Thallium	93.49	ND	96.15	mg/Kg	97%		75-125	2	20	0.96
Vanadium	217.7	117.8	96.15	mg/Kg	104%		75-125	3	20	0.96
Zinc	118.7	28.99	96.15	mg/Kg	93%		75-125	2	20	0.96

Type: Post Digest Spike	Lab ID: QC1146873	Batch: 338460
Matrix (Source ID): Soil (506597-001)	Method: EPA 6010B	Prep Method: EPA 3050B
		Basis: Dry

QC1146873 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	93.17	ND	97.09	mg/Kg	96%		75-125	0.97
Arsenic	95.93	0.4191	97.09	mg/Kg	98%		75-125	0.97
Barium	157.4	65.66	97.09	mg/Kg	95%		75-125	0.97
Beryllium	95.71	0.09125	97.09	mg/Kg	98%		75-125	0.97
Cadmium	89.73	ND	97.09	mg/Kg	92%		75-125	0.97
Chromium	98.04	5.832	97.09	mg/Kg	95%		75-125	0.97
Cobalt	105.9	10.35	97.09	mg/Kg	98%		75-125	0.97
Copper	201.4	101.2	97.09	mg/Kg	103%		75-125	0.97
Lead	101.1	7.225	97.09	mg/Kg	97%		75-125	0.97
Molybdenum	96.17	0.4317	97.09	mg/Kg	99%		75-125	0.97
Nickel	95.10	2.891	97.09	mg/Kg	95%		75-125	0.97
Selenium	90.66	1.544	97.09	mg/Kg	92%		75-125	0.97
Silver	47.91	ND	48.54	mg/Kg	99%		75-125	0.97
Thallium	92.65	ND	97.09	mg/Kg	95%		75-125	0.97
Vanadium	211.4	117.8	97.09	mg/Kg	96%		75-125	0.97
Zinc	115.7	28.99	97.09	mg/Kg	89%		75-125	0.97

Batch QC

Type: Blank	Lab ID: QC1148722	Batch: 338977
Matrix: WET Leachate	Method: EPA 7470A	Prep Method: METHOD

QC1148722 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Mercury	ND		mg/L	0.10	0.020	04/29/24	04/29/24

Type: Blank	Lab ID: QC1148726	Batch: 338977
Matrix: WET Leachate	Method: EPA 7470A	Prep Method: METHOD

QC1148726 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Mercury	ND		mg/L	0.10	0.020	04/29/24	04/29/24

Type: Lab Control Sample	Lab ID: QC1148727	Batch: 338977
Matrix: WET Leachate	Method: EPA 7470A	Prep Method: METHOD

QC1148727 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.5110	0.5000	mg/L	102%		80-120

Type: Matrix Spike	Lab ID: QC1148728	Batch: 338977
Matrix (Source ID): WET Leachate (506597-017)	Method: EPA 7470A	Prep Method: METHOD

QC1148728 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	0.5425	0.03507	0.5000	mg/L	101%		75-125	100

Type: Matrix Spike Duplicate	Lab ID: QC1148729	Batch: 338977
Matrix (Source ID): WET Leachate (506597-017)	Method: EPA 7470A	Prep Method: METHOD

QC1148729 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Mercury	0.5403	0.03507	0.5000	mg/L	101%		75-125	0	20	100

Type: Blank	Lab ID: QC1146941	Batch: 338476
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1146941 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	0.035	04/23/24	04/23/24

Type: Lab Control Sample	Lab ID: QC1146942	Batch: 338476
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1146942 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8801	0.8333	mg/Kg	106%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1146943	Batch: 338476
Matrix (Source ID): Soil (506597-001)	Method: EPA 7471A	Prep Method: METHOD
		Basis: Dry

QC1146943 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	1.039	0.05675	0.8929	mg/Kg	110%		75-125	1.1

Type: Matrix Spike Duplicate	Lab ID: QC1146944	Batch: 338476
Matrix (Source ID): Soil (506597-001)	Method: EPA 7471A	Prep Method: METHOD
		Basis: Dry

QC1146944 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	1.018	0.05675	0.8929	mg/Kg	108%		75-125	2	20	1.1

Type: Blank	Lab ID: QC1146767	Batch: 338396
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1146767 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
GRO C6-C12	ND		mg/Kg	9.9		04/22/24	04/23/24
DRO C10-C28	ND		mg/Kg	9.9	3.4	04/22/24	04/23/24
ORO C28-C44	ND		mg/Kg	20	3.4	04/22/24	04/23/24
Surrogates				Limits			
n-Triacontane	98%		%REC	70-130		04/22/24	04/23/24

Type: Lab Control Sample	Lab ID: QC1146768	Batch: 338396
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1146768 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	209.6	249.1	mg/Kg	84%		76-122
Surrogates						
n-Triacontane	9.686	9.965	mg/Kg	97%		70-130

Type: Matrix Spike	Lab ID: QC1146769	Batch: 338396
Matrix (Source ID): Soil (506597-001)	Method: EPA 8015M	Prep Method: EPA 3580M
		Basis: Dry

QC1146769 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	214.2	ND	248.3	mg/Kg	86%		62-126	0.99
Surrogates								
n-Triacontane	10.33		9.930	mg/Kg	104%		70-130	0.99

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1146770	Batch: 338396
Matrix (Source ID): Soil (506597-001)	Method: EPA 8015M	Prep Method: EPA 3580M
		Basis: Dry

QC1146770 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	215.1	ND	248.9	mg/Kg	86%		62-126	0	35	1
Surrogates										
n-Triacontane	10.36		9.955	mg/Kg	104%		70-130			1

Type: Blank	Lab ID: QC1147640	Batch: 338680
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1147640 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
GRO C6-C12	ND		mg/Kg	10		04/24/24	04/24/24
DRO C10-C28	ND		mg/Kg	10	3.5	04/24/24	04/24/24
ORO C28-C44	ND		mg/Kg	20	3.5	04/24/24	04/24/24
Surrogates				Limits			
n-Triacontane	108%		%REC	70-130		04/24/24	04/24/24

Type: Lab Control Sample	Lab ID: QC1147641	Batch: 338680
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1147641 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	222.0	250.0	mg/Kg	89%		76-122
Surrogates						
n-Triacontane	7.913	10.00	mg/Kg	79%		70-130

Type: Matrix Spike	Lab ID: QC1147642	Batch: 338680
Matrix (Source ID): Soil (506935-001)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1147642 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	4,700	4518	248.5	mg/Kg	73%	E,NM	62-126	0.99
Surrogates								
n-Triacontane	2.856		9.940	mg/Kg	29%	*	70-130	0.99

Type: Matrix Spike Duplicate	Lab ID: QC1147643	Batch: 338680
Matrix (Source ID): Soil (506935-001)	Method: EPA 8015M	Prep Method: EPA 3580M

QC1147643 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	4,434	4518	248.4	mg/Kg	-34%	E,NM	62-126		35	0.99
Surrogates										
n-Triacontane	15.81		9.935	mg/Kg	159%	*	70-130			0.99

Batch QC

Type: Blank	Lab ID: QC1146665	Batch: 338386
Matrix: Soil		

QC1146665 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Method: EPA 8081A							
Prep Method: EPA 3546							
alpha-BHC	ND		ug/Kg	5.0	0.99	04/22/24	04/23/24
beta-BHC	ND		ug/Kg	5.0	1.4	04/22/24	04/23/24
gamma-BHC	ND		ug/Kg	5.0	1.0	04/22/24	04/23/24
delta-BHC	ND		ug/Kg	5.0	1.2	04/22/24	04/23/24
Heptachlor	ND		ug/Kg	5.0	1.7	04/22/24	04/23/24
Aldrin	ND		ug/Kg	5.0	1.4	04/22/24	04/23/24
Heptachlor epoxide	ND		ug/Kg	5.0	1.7	04/22/24	04/23/24
Endosulfan I	ND		ug/Kg	5.0	1.4	04/22/24	04/23/24
Dieldrin	ND		ug/Kg	5.0	1.5	04/22/24	04/23/24
4,4'-DDE	ND		ug/Kg	5.0	1.5	04/22/24	04/23/24
Endrin	ND		ug/Kg	5.0	1.7	04/22/24	04/23/24
Endosulfan II	ND		ug/Kg	5.0	1.7	04/22/24	04/23/24
Endosulfan sulfate	ND		ug/Kg	5.0	2.1	04/22/24	04/23/24
4,4'-DDD	ND		ug/Kg	5.0	0.93	04/22/24	04/23/24
Endrin aldehyde	ND		ug/Kg	5.0	1.2	04/22/24	04/23/24
Endrin ketone	ND		ug/Kg	5.0	1.5	04/22/24	04/23/24
4,4'-DDT	ND		ug/Kg	5.0	1.7	04/22/24	04/23/24
Methoxychlor	ND		ug/Kg	10	2.3	04/22/24	04/23/24
Toxaphene	ND		ug/Kg	100	31	04/22/24	04/23/24
Chlordane (Technical)	ND		ug/Kg	50	9.1	04/22/24	04/23/24
Surrogates				Limits			
TCMX	70%		%REC	23-120		04/22/24	04/23/24
Decachlorobiphenyl	64%		%REC	24-120		04/22/24	04/23/24
Method: EPA 8082							
Prep Method: EPA 3546							
Aroclor-1016	ND		ug/Kg	50	14	04/22/24	04/23/24
Aroclor-1221	ND		ug/Kg	50	23	04/22/24	04/23/24
Aroclor-1232	ND		ug/Kg	50	19	04/22/24	04/23/24
Aroclor-1242	ND		ug/Kg	50	18	04/22/24	04/23/24
Aroclor-1248	ND		ug/Kg	50	21	04/22/24	04/23/24
Aroclor-1254	ND		ug/Kg	50	6.6	04/22/24	04/23/24
Aroclor-1260	ND		ug/Kg	50	25	04/22/24	04/23/24
Aroclor-1262	ND		ug/Kg	50	16	04/22/24	04/23/24
Aroclor-1268	ND		ug/Kg	50	14	04/22/24	04/23/24
Surrogates				Limits			
Decachlorobiphenyl (PCB)	100%		%REC	19-121		04/22/24	04/23/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1146666	Batch: 338386
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1146666 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	43.09	50.51	ug/Kg	85%		22-129
beta-BHC	47.55	50.51	ug/Kg	94%		28-125
gamma-BHC	44.74	50.51	ug/Kg	89%		22-128
delta-BHC	45.89	50.51	ug/Kg	91%		24-131
Heptachlor	41.00	50.51	ug/Kg	81%		18-124
Aldrin	40.15	50.51	ug/Kg	80%		23-120
Heptachlor epoxide	40.43	50.51	ug/Kg	80%		26-120
Endosulfan I	42.11	50.51	ug/Kg	83%		25-126
Dieldrin	44.30	50.51	ug/Kg	88%		23-124
4,4'-DDE	47.50	50.51	ug/Kg	94%		28-121
Endrin	49.09	50.51	ug/Kg	97%		25-127
Endosulfan II	46.20	50.51	ug/Kg	91%		29-121
Endosulfan sulfate	41.96	50.51	ug/Kg	83%		30-121
4,4'-DDD	43.54	50.51	ug/Kg	86%		26-120
Endrin aldehyde	19.77	50.51	ug/Kg	39%		10-120
Endrin ketone	42.70	50.51	ug/Kg	85%		28-125
4,4'-DDT	46.03	50.51	ug/Kg	91%		22-125
Methoxychlor	46.44	50.51	ug/Kg	92%		28-130
Surrogates						
TCMX	41.07	50.51	ug/Kg	81%		23-120
Decachlorobiphenyl	32.68	50.51	ug/Kg	65%		24-120

Batch QC

Type: Matrix Spike	Lab ID: QC1146671	Batch: 338386
Matrix (Source ID): Soil (506597-002)	Method: EPA 8081A	Prep Method: EPA 3546
		Basis: Dry

QC1146671 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	32.47	ND	49.51	ug/Kg	66%		46-120	0.98
beta-BHC	36.62	ND	49.51	ug/Kg	74%		41-120	0.98
gamma-BHC	32.31	ND	49.51	ug/Kg	65%		41-120	0.98
delta-BHC	30.76	ND	49.51	ug/Kg	62%		38-123	0.98
Heptachlor	29.86	ND	49.51	ug/Kg	60%		39-120	0.98
Aldrin	30.26	ND	49.51	ug/Kg	61%		34-120	0.98
Heptachlor epoxide	30.43	ND	49.51	ug/Kg	61%		43-120	0.98
Endosulfan I	31.48	ND	49.51	ug/Kg	64%		45-120	0.98
Dieldrin	33.21	ND	49.51	ug/Kg	67%		45-120	0.98
4,4'-DDE	36.94	ND	49.51	ug/Kg	75%		34-120	0.98
Endrin	36.24	ND	49.51	ug/Kg	73%		40-120	0.98
Endosulfan II	33.58	ND	49.51	ug/Kg	68%		41-120	0.98
Endosulfan sulfate	26.68	ND	49.51	ug/Kg	54%		42-120	0.98
4,4'-DDD	34.07	ND	49.51	ug/Kg	69%		41-120	0.98
Endrin aldehyde	24.21	ND	49.51	ug/Kg	49%		30-120	0.98
Endrin ketone	32.85	ND	49.51	ug/Kg	66%		45-120	0.98
4,4'-DDT	33.93	4.771	49.51	ug/Kg	59%		35-127	0.98
Methoxychlor	32.28	ND	49.51	ug/Kg	65%		42-136	0.98
Surrogates								
TCMX	31.39		49.51	ug/Kg	63%		23-120	0.98
Decachlorobiphenyl	30.74		49.51	ug/Kg	62%		24-120	0.98

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1146672	Batch: 338386
Matrix (Source ID): Soil (506597-002)	Method: EPA 8081A	Prep Method: EPA 3546
		Basis: Dry

QC1146672 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	35.40	ND	49.51	ug/Kg	72%		46-120	9	30	0.98
beta-BHC	44.67	ND	49.51	ug/Kg	90%		41-120	20	30	0.98
gamma-BHC	35.61	ND	49.51	ug/Kg	72%		41-120	10	30	0.98
delta-BHC	35.42	ND	49.51	ug/Kg	72%		38-123	14	30	0.98
Heptachlor	32.43	ND	49.51	ug/Kg	66%		39-120	8	30	0.98
Aldrin	32.56	ND	49.51	ug/Kg	66%		34-120	7	30	0.98
Heptachlor epoxide	32.71	ND	49.51	ug/Kg	66%		43-120	7	30	0.98
Endosulfan I	34.70	ND	49.51	ug/Kg	70%		45-120	10	30	0.98
Dieldrin	35.87	ND	49.51	ug/Kg	72%		45-120	8	30	0.98
4,4'-DDE	39.32	ND	49.51	ug/Kg	79%		34-120	6	30	0.98
Endrin	39.48	ND	49.51	ug/Kg	80%		40-120	9	30	0.98
Endosulfan II	36.16	ND	49.51	ug/Kg	73%		41-120	7	30	0.98
Endosulfan sulfate	31.29	ND	49.51	ug/Kg	63%		42-120	16	30	0.98
4,4'-DDD	36.50	ND	49.51	ug/Kg	74%		41-120	7	30	0.98
Endrin aldehyde	24.15	ND	49.51	ug/Kg	49%		30-120	0	30	0.98
Endrin ketone	36.24	ND	49.51	ug/Kg	73%		45-120	10	30	0.98
4,4'-DDT	39.67	4.771	49.51	ug/Kg	70%		35-127	16	30	0.98
Methoxychlor	35.07	ND	49.51	ug/Kg	71%		42-136	8	30	0.98
Surrogates										
TCMX	32.92		49.51	ug/Kg	66%		23-120			0.98
Decachlorobiphenyl	33.36		49.51	ug/Kg	67%		24-120			0.98

Type: Lab Control Sample	Lab ID: QC1146673	Batch: 338386
Matrix: Soil	Method: EPA 8082	Prep Method: EPA 3546

QC1146673 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	507.1	495.0	ug/Kg	102%		14-150
Aroclor-1260	509.9	495.0	ug/Kg	103%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	51.43	49.50	ug/Kg	104%		19-121

Type: Matrix Spike	Lab ID: QC1146674	Batch: 338386
Matrix (Source ID): Soil (506597-014)	Method: EPA 8082	Prep Method: EPA 3546
		Basis: Dry

QC1146674 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	457.2	ND	500.1	ug/Kg	91%		42-127	0.99
Aroclor-1260	440.4	ND	500.1	ug/Kg	88%		38-130	0.99
Surrogates								
Decachlorobiphenyl (PCB)	32.65		50.01	ug/Kg	65%		19-121	0.99

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1146675	Batch: 338386
Matrix (Source ID): Soil (506597-014)	Method: EPA 8082	Prep Method: EPA 3546
		Basis: Dry

QC1146675 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	512.6	ND	500.1	ug/Kg	103%		42-127	11	30	0.99
Aroclor-1260	568.1	ND	500.1	ug/Kg	114%		38-130	25	30	0.99
Surrogates										
Decachlorobiphenyl (PCB)	42.95		50.01	ug/Kg	86%		19-121			0.99

Type: Lab Control Sample	Lab ID: QC1147266	Batch: 338582
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1147266 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	49.79	50.00	ug/Kg	100%		70-131
MTBE	49.89	50.00	ug/Kg	100%		69-130
Benzene	49.67	50.00	ug/Kg	99%		70-130
Trichloroethene	49.46	50.00	ug/Kg	99%		70-130
Toluene	50.17	50.00	ug/Kg	100%		70-130
Chlorobenzene	52.03	50.00	ug/Kg	104%		70-130
Surrogates						
Dibromofluoromethane	48.33	50.00	ug/Kg	97%		70-130
1,2-Dichloroethane-d4	49.03	50.00	ug/Kg	98%		70-145
Toluene-d8	50.49	50.00	ug/Kg	101%		70-145
Bromofluorobenzene	51.46	50.00	ug/Kg	103%		70-145

Type: Lab Control Sample Duplicate	Lab ID: QC1147267	Batch: 338582
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1147267 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	49.40	50.00	ug/Kg	99%		70-131	1	33
MTBE	49.27	50.00	ug/Kg	99%		69-130	1	30
Benzene	48.77	50.00	ug/Kg	98%		70-130	2	30
Trichloroethene	47.10	50.00	ug/Kg	94%		70-130	5	30
Toluene	46.97	50.00	ug/Kg	94%		70-130	7	30
Chlorobenzene	49.06	50.00	ug/Kg	98%		70-130	6	30
Surrogates								
Dibromofluoromethane	51.31	50.00	ug/Kg	103%		70-130		
1,2-Dichloroethane-d4	50.00	50.00	ug/Kg	100%		70-145		
Toluene-d8	50.00	50.00	ug/Kg	100%		70-145		
Bromofluorobenzene	51.35	50.00	ug/Kg	103%		70-145		

Batch QC

Type: Matrix Spike	Lab ID: QC1147268	Batch: 338582
Matrix (Source ID): Soil (506597-005)	Method: EPA 8260B	Prep Method: EPA 5030B
		Basis: Dry

QC1147268 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	51.08	ND	50.00	ug/Kg	102%		70-141	1
MTBE	44.62	ND	50.00	ug/Kg	89%		59-130	1
Benzene	46.51	ND	50.00	ug/Kg	93%		70-130	1
Trichloroethene	41.66	ND	50.00	ug/Kg	83%		69-130	1
Toluene	44.21	ND	50.00	ug/Kg	88%		70-130	1
Chlorobenzene	42.08	ND	50.00	ug/Kg	84%		70-130	1
Surrogates								
Dibromofluoromethane	49.08		50.00	ug/Kg	98%		70-145	1
1,2-Dichloroethane-d4	49.70		50.00	ug/Kg	99%		70-145	1
Toluene-d8	50.36		50.00	ug/Kg	101%		70-145	1
Bromofluorobenzene	52.38		50.00	ug/Kg	105%		70-145	1

Type: Matrix Spike Duplicate	Lab ID: QC1147269	Batch: 338582
Matrix (Source ID): Soil (506597-005)	Method: EPA 8260B	Prep Method: EPA 5030B
		Basis: Dry

QC1147269 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	52.88	ND	50.00	ug/Kg	106%		70-141	3	43	1
MTBE	47.12	ND	50.00	ug/Kg	94%		59-130	5	30	1
Benzene	47.16	ND	50.00	ug/Kg	94%		70-130	1	30	1
Trichloroethene	43.35	ND	50.00	ug/Kg	87%		69-130	4	30	1
Toluene	44.70	ND	50.00	ug/Kg	89%		70-130	1	30	1
Chlorobenzene	41.82	ND	50.00	ug/Kg	84%		70-130	1	30	1
Surrogates										
Dibromofluoromethane	49.94		50.00	ug/Kg	100%		70-145			1
1,2-Dichloroethane-d4	49.21		50.00	ug/Kg	98%		70-145			1
Toluene-d8	50.10		50.00	ug/Kg	100%		70-145			1
Bromofluorobenzene	51.49		50.00	ug/Kg	103%		70-145			1

Batch QC

Type: Blank	Lab ID: QC1147270	Batch: 338582
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1147270 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/Kg	250	130	04/24/24	04/24/24
Chloromethane	ND		ug/Kg	250	180	04/24/24	04/24/24
Vinyl Chloride	ND		ug/Kg	250	81	04/24/24	04/24/24
Bromomethane	ND		ug/Kg	250	190	04/24/24	04/24/24
Chloroethane	ND		ug/Kg	250	130	04/24/24	04/24/24
Trichlorofluoromethane	ND		ug/Kg	250	99	04/24/24	04/24/24
Acetone	ND		ug/Kg	5,000	1,900	04/24/24	04/24/24
Freon 113	ND		ug/Kg	250	69	04/24/24	04/24/24
1,1-Dichloroethene	ND		ug/Kg	250	64	04/24/24	04/24/24
Methylene Chloride	ND		ug/Kg	1,000		04/24/24	04/24/24
MTBE	ND		ug/Kg	250	66	04/24/24	04/24/24
trans-1,2-Dichloroethene	ND		ug/Kg	250	49	04/24/24	04/24/24
1,1-Dichloroethane	ND		ug/Kg	250	52	04/24/24	04/24/24
2-Butanone	ND		ug/Kg	5,000	280	04/24/24	04/24/24
cis-1,2-Dichloroethene	ND		ug/Kg	250	59	04/24/24	04/24/24
2,2-Dichloropropane	ND		ug/Kg	250	45	04/24/24	04/24/24
Chloroform	ND		ug/Kg	250	78	04/24/24	04/24/24
Bromochloromethane	ND		ug/Kg	250	68	04/24/24	04/24/24
1,1,1-Trichloroethane	ND		ug/Kg	250	57	04/24/24	04/24/24
1,1-Dichloropropene	ND		ug/Kg	250	68	04/24/24	04/24/24
Carbon Tetrachloride	ND		ug/Kg	250	56	04/24/24	04/24/24
1,2-Dichloroethane	ND		ug/Kg	250	98	04/24/24	04/24/24
Benzene	ND		ug/Kg	250	33	04/24/24	04/24/24
Trichloroethene	ND		ug/Kg	250	38	04/24/24	04/24/24
1,2-Dichloropropane	ND		ug/Kg	250	31	04/24/24	04/24/24
Bromodichloromethane	ND		ug/Kg	250	40	04/24/24	04/24/24
Dibromomethane	ND		ug/Kg	250	55	04/24/24	04/24/24
4-Methyl-2-Pentanone	ND		ug/Kg	250	85	04/24/24	04/24/24
cis-1,3-Dichloropropene	ND		ug/Kg	250	44	04/24/24	04/24/24
Toluene	ND		ug/Kg	250	51	04/24/24	04/24/24
trans-1,3-Dichloropropene	ND		ug/Kg	250	57	04/24/24	04/24/24
1,1,2-Trichloroethane	ND		ug/Kg	250	33	04/24/24	04/24/24
1,3-Dichloropropane	ND		ug/Kg	250	43	04/24/24	04/24/24
Tetrachloroethene	ND		ug/Kg	250	37	04/24/24	04/24/24
Dibromochloromethane	ND		ug/Kg	250	41	04/24/24	04/24/24
1,2-Dibromoethane	ND		ug/Kg	250	31	04/24/24	04/24/24
Chlorobenzene	ND		ug/Kg	250	46	04/24/24	04/24/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	57	04/24/24	04/24/24
Ethylbenzene	ND		ug/Kg	250	54	04/24/24	04/24/24
m,p-Xylenes	ND		ug/Kg	500	120	04/24/24	04/24/24
o-Xylene	ND		ug/Kg	250	52	04/24/24	04/24/24
Styrene	ND		ug/Kg	250	47	04/24/24	04/24/24
Bromoform	ND		ug/Kg	250	43	04/24/24	04/24/24
Isopropylbenzene	ND		ug/Kg	250	42	04/24/24	04/24/24
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	54	04/24/24	04/24/24
1,2,3-Trichloropropane	ND		ug/Kg	250	72	04/24/24	04/24/24
Propylbenzene	ND		ug/Kg	250	40	04/24/24	04/24/24

Batch QC

QC1147270 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromobenzene	ND		ug/Kg	250	45	04/24/24	04/24/24
1,3,5-Trimethylbenzene	ND		ug/Kg	250	36	04/24/24	04/24/24
2-Chlorotoluene	ND		ug/Kg	250	52	04/24/24	04/24/24
4-Chlorotoluene	ND		ug/Kg	250	41	04/24/24	04/24/24
tert-Butylbenzene	ND		ug/Kg	250	33	04/24/24	04/24/24
1,2,4-Trimethylbenzene	ND		ug/Kg	250	47	04/24/24	04/24/24
sec-Butylbenzene	ND		ug/Kg	250	37	04/24/24	04/24/24
para-Isopropyl Toluene	ND		ug/Kg	250	37	04/24/24	04/24/24
1,3-Dichlorobenzene	ND		ug/Kg	250	38	04/24/24	04/24/24
1,4-Dichlorobenzene	ND		ug/Kg	250	42	04/24/24	04/24/24
n-Butylbenzene	ND		ug/Kg	250	58	04/24/24	04/24/24
1,2-Dichlorobenzene	ND		ug/Kg	250	44	04/24/24	04/24/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	77	04/24/24	04/24/24
1,2,4-Trichlorobenzene	ND		ug/Kg	250	67	04/24/24	04/24/24
Hexachlorobutadiene	ND		ug/Kg	250	56	04/24/24	04/24/24
Naphthalene	ND		ug/Kg	250	73	04/24/24	04/24/24
1,2,3-Trichlorobenzene	ND		ug/Kg	250	58	04/24/24	04/24/24
Surrogates				Limits			
Dibromofluoromethane	99%		%REC	70-130		04/24/24	04/24/24
1,2-Dichloroethane-d4	98%		%REC	70-145		04/24/24	04/24/24
Toluene-d8	98%		%REC	70-145		04/24/24	04/24/24
Bromofluorobenzene	101%		%REC	70-145		04/24/24	04/24/24

Batch QC

Type: Blank	Lab ID: QC1147271	Batch: 338582
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5030B

QC1147271 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/Kg	5.0	0.9	04/24/24	04/24/24
Chloromethane	ND		ug/Kg	5.0	0.8	04/24/24	04/24/24
Vinyl Chloride	ND		ug/Kg	5.0	1.0	04/24/24	04/24/24
Bromomethane	ND		ug/Kg	5.0	1.1	04/24/24	04/24/24
Chloroethane	ND		ug/Kg	5.0	2.5	04/24/24	04/24/24
Trichlorofluoromethane	ND		ug/Kg	5.0	0.8	04/24/24	04/24/24
Acetone	ND		ug/Kg	100	32	04/24/24	04/24/24
Freon 113	ND		ug/Kg	5.0	0.7	04/24/24	04/24/24
1,1-Dichloroethene	ND		ug/Kg	5.0	1.0	04/24/24	04/24/24
Methylene Chloride	ND		ug/Kg	20		04/24/24	04/24/24
MTBE	ND		ug/Kg	5.0	1.0	04/24/24	04/24/24
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1.1	04/24/24	04/24/24
1,1-Dichloroethane	ND		ug/Kg	5.0	0.9	04/24/24	04/24/24
2-Butanone	ND		ug/Kg	100	4.3	04/24/24	04/24/24
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	0.8	04/24/24	04/24/24
2,2-Dichloropropane	ND		ug/Kg	5.0	2.5	04/24/24	04/24/24
Chloroform	ND		ug/Kg	5.0	1.0	04/24/24	04/24/24
Bromochloromethane	ND		ug/Kg	5.0	0.4	04/24/24	04/24/24
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1.3	04/24/24	04/24/24
1,1-Dichloropropene	ND		ug/Kg	5.0	0.8	04/24/24	04/24/24
Carbon Tetrachloride	ND		ug/Kg	5.0	1.2	04/24/24	04/24/24
1,2-Dichloroethane	ND		ug/Kg	5.0	1.0	04/24/24	04/24/24
Benzene	ND		ug/Kg	5.0	0.5	04/24/24	04/24/24
Trichloroethene	ND		ug/Kg	5.0	0.7	04/24/24	04/24/24
1,2-Dichloropropane	ND		ug/Kg	5.0	0.8	04/24/24	04/24/24
Bromodichloromethane	ND		ug/Kg	5.0	1.1	04/24/24	04/24/24
Dibromomethane	ND		ug/Kg	5.0	0.5	04/24/24	04/24/24
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1.6	04/24/24	04/24/24
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1.0	04/24/24	04/24/24
Toluene	ND		ug/Kg	5.0	0.9	04/24/24	04/24/24
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1.4	04/24/24	04/24/24
1,1,2-Trichloroethane	ND		ug/Kg	5.0	0.4	04/24/24	04/24/24
1,3-Dichloropropane	ND		ug/Kg	5.0	0.6	04/24/24	04/24/24
Tetrachloroethene	ND		ug/Kg	5.0	0.5	04/24/24	04/24/24
Dibromochloromethane	ND		ug/Kg	5.0	0.6	04/24/24	04/24/24
1,2-Dibromoethane	ND		ug/Kg	5.0	0.6	04/24/24	04/24/24
Chlorobenzene	ND		ug/Kg	5.0	0.4	04/24/24	04/24/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	0.7	04/24/24	04/24/24
Ethylbenzene	ND		ug/Kg	5.0	0.6	04/24/24	04/24/24
m,p-Xylenes	ND		ug/Kg	10	0.8	04/24/24	04/24/24
o-Xylene	ND		ug/Kg	5.0	0.5	04/24/24	04/24/24
Styrene	ND		ug/Kg	5.0	0.3	04/24/24	04/24/24
Bromoform	ND		ug/Kg	5.0	1.0	04/24/24	04/24/24
Isopropylbenzene	ND		ug/Kg	5.0	0.3	04/24/24	04/24/24
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	0.5	04/24/24	04/24/24
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1.2	04/24/24	04/24/24
Propylbenzene	ND		ug/Kg	5.0	0.3	04/24/24	04/24/24

Batch QC

QC1147271 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Bromobenzene	ND		ug/Kg	5.0	0.5	04/24/24	04/24/24
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	0.4	04/24/24	04/24/24
2-Chlorotoluene	ND		ug/Kg	5.0	0.4	04/24/24	04/24/24
4-Chlorotoluene	ND		ug/Kg	5.0	0.4	04/24/24	04/24/24
tert-Butylbenzene	ND		ug/Kg	5.0	0.4	04/24/24	04/24/24
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	0.4	04/24/24	04/24/24
sec-Butylbenzene	ND		ug/Kg	5.0	0.5	04/24/24	04/24/24
para-Isopropyl Toluene	ND		ug/Kg	5.0	0.3	04/24/24	04/24/24
1,3-Dichlorobenzene	ND		ug/Kg	5.0	0.4	04/24/24	04/24/24
1,4-Dichlorobenzene	ND		ug/Kg	5.0	0.3	04/24/24	04/24/24
n-Butylbenzene	ND		ug/Kg	5.0	0.4	04/24/24	04/24/24
1,2-Dichlorobenzene	ND		ug/Kg	5.0	0.4	04/24/24	04/24/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1.2	04/24/24	04/24/24
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	0.6	04/24/24	04/24/24
Hexachlorobutadiene	ND		ug/Kg	5.0	0.6	04/24/24	04/24/24
Naphthalene	ND		ug/Kg	5.0	1.2	04/24/24	04/24/24
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	0.7	04/24/24	04/24/24
Surrogates				Limits			
Dibromofluoromethane	99%		%REC	70-130		04/24/24	04/24/24
1,2-Dichloroethane-d4	102%		%REC	70-145		04/24/24	04/24/24
Toluene-d8	99%		%REC	70-145		04/24/24	04/24/24
Bromofluorobenzene	101%		%REC	70-145		04/24/24	04/24/24

Type: Blank	Lab ID: QC1146814	Batch: 338434
Matrix: Soil	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1146814 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1-Methylnaphthalene	ND		ug/Kg	10	1.5	04/22/24	04/23/24
2-Methylnaphthalene	ND		ug/Kg	10	1.5	04/22/24	04/23/24
Naphthalene	ND		ug/Kg	10	3.6	04/22/24	04/23/24
Acenaphthylene	ND		ug/Kg	10	1.6	04/22/24	04/23/24
Acenaphthene	ND		ug/Kg	10	1.0	04/22/24	04/23/24
Fluorene	ND		ug/Kg	10	1.2	04/22/24	04/23/24
Phenanthrene	ND		ug/Kg	10	2.2	04/22/24	04/23/24
Anthracene	ND		ug/Kg	10	1.4	04/22/24	04/23/24
Fluoranthene	ND		ug/Kg	10	3.3	04/22/24	04/23/24
Pyrene	ND		ug/Kg	10	3.6	04/22/24	04/23/24
Benzo(a)anthracene	ND		ug/Kg	10	1.1	04/22/24	04/23/24
Chrysene	ND		ug/Kg	10	0.96	04/22/24	04/23/24
Benzo(b)fluoranthene	ND		ug/Kg	10	0.92	04/22/24	04/23/24
Benzo(k)fluoranthene	ND		ug/Kg	10	1.0	04/22/24	04/23/24
Benzo(a)pyrene	ND		ug/Kg	10	1.3	04/22/24	04/23/24
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1.5	04/22/24	04/23/24
Dibenz(a,h)anthracene	ND		ug/Kg	10	2.8	04/22/24	04/23/24
Benzo(g,h,i)perylene	ND		ug/Kg	10	1.6	04/22/24	04/23/24
Surrogates				Limits			
Nitrobenzene-d5	89%		%REC	27-125		04/22/24	04/23/24
2-Fluorobiphenyl	89%		%REC	30-120		04/22/24	04/23/24
Terphenyl-d14	97%		%REC	33-155		04/22/24	04/23/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1146815	Batch: 338434
Matrix: Soil	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1146815 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	171.4	198.0	ug/Kg	87%		28-130
2-Methylnaphthalene	173.0	198.0	ug/Kg	87%		33-130
Naphthalene	179.2	198.0	ug/Kg	91%		25-130
Acenaphthylene	167.2	198.0	ug/Kg	84%		28-130
Acenaphthene	165.3	198.0	ug/Kg	83%		32-130
Fluorene	176.3	198.0	ug/Kg	89%		35-130
Phenanthrene	175.9	198.0	ug/Kg	89%		35-132
Anthracene	177.7	198.0	ug/Kg	90%		34-136
Fluoranthene	178.6	198.0	ug/Kg	90%		34-139
Pyrene	175.8	198.0	ug/Kg	89%		35-134
Benzo(a)anthracene	183.6	198.0	ug/Kg	93%		30-132
Chrysene	184.0	198.0	ug/Kg	93%		29-130
Benzo(b)fluoranthene	175.8	198.0	ug/Kg	89%		32-137
Benzo(k)fluoranthene	190.6	198.0	ug/Kg	96%		32-130
Benzo(a)pyrene	152.9	198.0	ug/Kg	77%		10-138
Indeno(1,2,3-cd)pyrene	194.6	198.0	ug/Kg	98%		34-132
Dibenz(a,h)anthracene	178.4	198.0	ug/Kg	90%		32-130
Benzo(g,h,i)perylene	185.9	198.0	ug/Kg	94%		27-130
Surrogates						
Nitrobenzene-d5	186.1	198.0	ug/Kg	94%		27-125
2-Fluorobiphenyl	180.0	198.0	ug/Kg	91%		30-120
Terphenyl-d14	183.3	198.0	ug/Kg	93%		33-155

Batch QC

Type: Matrix Spike	Lab ID: QC1146816	Batch: 338434
Matrix (Source ID): Soil (506597-002)	Method: EPA 8270C-SIM	Prep Method: EPA 3546
		Basis: Dry

QC1146816 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1-Methylnaphthalene	170.1	34.70	203.0	ug/Kg	67%		25-130	4
2-Methylnaphthalene	182.1	50.19	203.0	ug/Kg	65%		32-133	4
Naphthalene	184.4	50.48	203.0	ug/Kg	66%		33-130	4
Acenaphthylene	172.3	21.18	203.0	ug/Kg	74%		14-157	4
Acenaphthene	153.6	ND	203.0	ug/Kg	76%		28-134	4
Fluorene	170.2	ND	203.0	ug/Kg	84%		27-140	4
Phenanthrene	224.7	48.83	203.0	ug/Kg	87%		29-147	4
Anthracene	225.7	33.27	203.0	ug/Kg	95%		24-156	4
Fluoranthene	323.4	140.8	203.0	ug/Kg	90%		28-160	4
Pyrene	267.7	94.09	203.0	ug/Kg	85%		26-153	4
Benzo(a)anthracene	239.0	42.81	203.0	ug/Kg	97%		26-174	4
Chrysene	352.6	153.0	203.0	ug/Kg	98%		40-139	4
Benzo(b)fluoranthene	530.6	341.2	203.0	ug/Kg	93%		36-164	4
Benzo(k)fluoranthene	273.8	86.51	203.0	ug/Kg	92%		36-161	4
Benzo(a)pyrene	194.4	49.93	203.0	ug/Kg	71%		18-173	4
Indeno(1,2,3-cd)pyrene	241.8	79.85	203.0	ug/Kg	80%		26-154	4
Dibenz(a,h)anthracene	159.3	18.11	203.0	ug/Kg	70%		38-132	4
Benzo(g,h,i)perylene	230.6	77.13	203.0	ug/Kg	76%		36-130	4
Surrogates								
Nitrobenzene-d5	115.7		203.0	ug/Kg	57%		27-125	4
2-Fluorobiphenyl	154.3		203.0	ug/Kg	76%		30-120	4
Terphenyl-d14	170.8		203.0	ug/Kg	84%		33-155	4

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1146817	Batch: 338434
Matrix (Source ID): Soil (506597-002)	Method: EPA 8270C-SIM	Prep Method: EPA 3546
		Basis: Dry

QC1146817 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1-Methylnaphthalene	177.1	34.70	201.0	ug/Kg	71%		25-130	5	35	4
2-Methylnaphthalene	192.5	50.19	201.0	ug/Kg	71%		32-133	6	35	4
Naphthalene	185.9	50.48	201.0	ug/Kg	67%		33-130	2	35	4
Acenaphthylene	169.4	21.18	201.0	ug/Kg	74%		14-157	1	35	4
Acenaphthene	148.8	ND	201.0	ug/Kg	74%		28-134	2	35	4
Fluorene	161.2	ND	201.0	ug/Kg	80%		27-140	4	35	4
Phenanthrene	218.0	48.83	201.0	ug/Kg	84%		29-147	2	35	4
Anthracene	220.4	33.27	201.0	ug/Kg	93%		24-156	2	35	4
Fluoranthene	313.3	140.8	201.0	ug/Kg	86%		28-160	3	35	4
Pyrene	258.6	94.09	201.0	ug/Kg	82%		26-153	3	35	4
Benzo(a)anthracene	235.8	42.81	201.0	ug/Kg	96%		26-174	1	35	4
Chrysene	350.5	153.0	201.0	ug/Kg	98%		40-139	0	35	4
Benzo(b)fluoranthene	535.8	341.2	201.0	ug/Kg	97%		36-164	1	35	4
Benzo(k)fluoranthene	269.7	86.51	201.0	ug/Kg	91%		36-161	1	35	4
Benzo(a)pyrene	193.5	49.93	201.0	ug/Kg	71%		18-173	0	35	4
Indeno(1,2,3-cd)pyrene	244.6	79.85	201.0	ug/Kg	82%		26-154	2	35	4
Dibenz(a,h)anthracene	160.6	18.11	201.0	ug/Kg	71%		38-132	2	35	4
Benzo(g,h,i)perylene	230.9	77.13	201.0	ug/Kg	76%		36-130	1	35	4
Surrogates										
Nitrobenzene-d5	88.95		201.0	ug/Kg	44%		27-125			4
2-Fluorobiphenyl	154.3		201.0	ug/Kg	77%		30-120			4
Terphenyl-d14	162.4		201.0	ug/Kg	81%		33-155			4

- * Value is outside QC limits
- E Response exceeds instrument's linear range
- J Estimated value
- ND Not Detected
- NM Not Meaningful

Laboratory Job Number 506597

Subcontracted Products

SGS Forensic

Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

Enthalpy Analytical LLC
Miguel Gamboa
2323 5th Street

Berkeley, CA 94710

Client ID: 1137
Report Number: N016131
Date Received: 04/23/24
Date Analyzed: 04/30/24
Date Printed: 04/30/24

Job ID/Site: PO-064166- Enthalpy EO#506597

SGSFL Job ID: 1137

PLM Report Number: N/A

Total Samples Submitted: 8
Total Samples Analyzed: 8

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
GRB 1	12743343	Grey Soil
<i>Visual Estimation Results:</i>		
Matrix percentage of entire sample	100	
Visual estimation percentage:	None Detected	
Asbestos type(s) detected:	None Detected	
Comment: This result meets the requirements of Exception I as defined by the 435 Method.		
GRB 4	12743344	Grey Soil
<i>Visual Estimation Results:</i>		
Matrix percentage of entire sample	100	
Visual estimation percentage:	None Detected	
Asbestos type(s) detected:	None Detected	
Comment: This result meets the requirements of Exception I as defined by the 435 Method.		
GRB 6	12743345	Grey Soil
<i>Visual Estimation Results:</i>		
Matrix percentage of entire sample	100	
Visual estimation percentage:	None Detected	
Asbestos type(s) detected:	None Detected	
Comment: This result meets the requirements of Exception I as defined by the 435 Method.		
GRB 9	12743346	Grey Soil
<i>Visual Estimation Results:</i>		
Matrix percentage of entire sample	100	
Visual estimation percentage:	None Detected	
Asbestos type(s) detected:	None Detected	
Comment: This result meets the requirements of Exception I as defined by the 435 Method.		

Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

Enthalpy Analytical LLC
Miguel Gamboa
2323 5th Street

Berkeley, CA 94710

Client ID: 1137
Report Number: N016131
Date Received: 04/23/24
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Job ID/Site: PO-064166- Enthalpy EO#506597

SGSFL Job ID: 1137

PLM Report Number: N/A

Total Samples Submitted: 8
Total Samples Analyzed: 8

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
GRB 11	12743347	Grey Soil
<i>Visual Estimation Results:</i>		
Matrix percentage of entire sample	100	
Visual estimation percentage:	None Detected	
Asbestos type(s) detected:	None Detected	
Comment: This result meets the requirements of Exception I as defined by the 435 Method.		
GRB 13	12743348	Grey Soil
<i>Visual Estimation Results:</i>		
Matrix percentage of entire sample	100	
Visual estimation percentage:	None Detected	
Asbestos type(s) detected:	None Detected	
Comment: This result meets the requirements of Exception I as defined by the 435 Method.		
GRB 15	12743349	Grey Soil
<i>Visual Estimation Results:</i>		
Matrix percentage of entire sample	100	
Visual estimation percentage:	None Detected	
Asbestos type(s) detected:	None Detected	
Comment: This result meets the requirements of Exception I as defined by the 435 Method.		
GRB 17	12743350	Grey Soil
<i>Visual Estimation Results:</i>		
Matrix percentage of entire sample	100	
Visual estimation percentage:	None Detected	
Asbestos type(s) detected:	None Detected	
Comment: This result meets the requirements of Exception I as defined by the 435 Method.		

Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

Enthalpy Analytical LLC
 Miguel Gamboa
 2323 5th Street

 Berkeley, CA 94710

Client ID: 1137
Report Number: N016131
Date Received: 04/23/24
Date Analyzed: 04/30/24
Date Printed: 04/30/24

Job ID/Site: PO-064166- Enthalpy EO#506597

SGSFL Job ID: 1137
Total Samples Submitted: 8
Total Samples Analyzed: 8

PLM Report Number: N/A

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
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Maria Casper, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 0.25%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

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	ReGen STLC Trigger mg/kg	Tier 1 2019	Residential 2019	Commercial 2019	MS1-4	MS2-1	MS3-2	MS4-0.5
Metals 6010B mg/kg								
Sb - Antimony	0.6	11	11	160	ND	ND	ND	ND
As - Arsenic	5	0.067	0.067	0.31	2	2.2	6.4	1.8
Ba - Barium	100	390	15000	220000	20	23	25	12
Be - Beryllium	0.4	5	16	230	0.14	0.14	0.15	0.15
Cd - Cadmium	0.5	1.9	78	1100	0.098	0.12	0.14	0.047
Cr - Chromium (Total)	5	160	-	-	10	9.5	13	9
Co - Cobalt	5	23	23	350	2.5	2.6	3.6	1.6
Cu - Copper	200	180	3100	47000	10	10	24	1.8
Pb - Lead	5	32	80	320	27	44	40	1.5
Hg - Mercury (7471B)	0.2	13	13	190	ND	ND	ND	ND
Mo - Molybdenum	1	6.9	390	5800	ND	ND	ND	ND
Ni - Nickel	10	86	820	11000	11	10	11	8.1
Se - Selenium	1	2.4	390	5800	ND	ND	ND	ND
Ag - Silver	5	25	390	5800	ND	ND	ND	ND
Tl - Thallium	0.05	0.78	0.78	12	ND	ND	ND	ND
V - Vanadium	2	18	390	5800	14	16	27	9.2
Zn - Zinc	2000	340	23000	350000	21	24	32	11
TPH 8260TPH mg/kg								
TPHg		100	430	2000	ND	ND	ND	ND
TPH 8015B mg/kg								
TPHd		260	260	1200	9.2	17	67	4.1
TPHmo		1600	12000	200000	42	44	81	5.1
Pesticides 8081B ug/kg								
Alpha BHC (Alpha Hexachlorocyclohexane)		--	--	--	ND	ND	ND	ND
Beta Bhc (Beta Hexachlorocyclohexane)		--	--	--	ND	ND	ND	ND
Delta Bhc (Delta Hexachlorocyclohexane)		--	--	--	ND	ND	ND	ND
Gamma Bhc (Lindane)		7.4	550	25000	ND	ND	ND	ND
Heptachlor		120	120	530	ND	ND	ND	ND
Aldrin		2.4	35	150	ND	ND	ND	ND
Heptachlor Epoxide		0.18	620	280	ND	ND	ND	ND
Endosulfan I		9.8	419510	5783990	ND	ND	ND	ND
Dieldrin		0.46	37	160	ND	ND	ND	ND
4,4-DDE		330	1800	8300	ND	ND	2.2	ND
Endrin		1.1	21000	290000	ND	ND	ND	ND
Endosulfan II		--	419510	5783990	ND	ND	ND	ND
Endosulfan Sulfate		--	--	--	ND	ND	ND	ND
4,4-DDD		2700	2700	12000	ND	ND	ND	ND
Endrin Aldehyde		--	--	--	ND	ND	ND	ND
Endrin Ketone		--	--	--	ND	ND	ND	ND
4,4-DDT		1.1	1900	8500	ND	3.4	4	ND
Methoxychlor		13	350000	4800000	ND	ND	ND	ND
Toxaphene		510	510	2200	ND	ND	ND	ND
Chlordane		8.5	480	2200	ND	ND	ND	ND
PCBs 8082A ug/kg								
Aroclor1016		230	230	230	ND	ND	ND	ND
Aroclor1221		230	230	230	ND	ND	ND	ND
Aroclor1232		230	230	230	ND	ND	ND	ND
Aroclor1242		230	230	230	ND	ND	ND	ND
Aroclor1248		230	230	230	ND	ND	ND	ND
Aroclor1254		230	230	230	ND	ND	ND	ND
Aroclor1260		230	230	230	ND	ND	ND	ND
Aroclor1262		230	230	230	ND	ND	ND	ND
Aroclor1268		230	230	230	ND	ND	ND	ND
Total PCBs		230	230	940	0	0	0	0
VOCs 8260B ug/kg								
1,1,1,2-Tetrachloroethane		17	2000	8900	ND	ND	ND	ND
1,1,1-Trichloroethane		7000	1700000	7300000	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane		18	610	2700	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2- Trifluoroethane		--	--	--	ND	ND	ND	ND
1,1,2-Trichloroethane		76	1200	5100	ND	ND	ND	ND
1,1-Dichloroethane		200	3600	16000	ND	ND	ND	ND
1,1-Dichloroethene		540	83000	350000	ND	ND	ND	ND
1,1-Dichloropropene		--	--	--	ND	ND	ND	ND
1,2,3-Trichlorobenzene		--	--	--	ND	ND	ND	ND
1,2,3-Trichloropropane		0.11	23	110	ND	ND	ND	ND
1,2,4-Trichlorobenzene		1200	24000	110000	ND	ND	ND	ND
1,2,4-Trimethylbenzene		--	--	--	ND	ND	ND	ND
1,2-Dibromo-3- Chloropropane		0.59	4.4	59	ND	ND	ND	ND
1,2-Dibromoethane (Ethylene Dibromide)		0.53	36	160	ND	ND	ND	ND
1,2-Dichlorobenzene		1000	1800000	9400000	ND	ND	ND	ND
1,2-Dichloroethane		7	470	2100	ND	ND	ND	ND
1,2-Dichloropropane		65	1000	4400	ND	ND	ND	ND
1,3,5-Trimethylbenzene (Mesitylene)		--	--	--	ND	ND	ND	ND
1,3-Dichlorobenzene		6000	--	--	ND	ND	ND	ND
1,3-Dichloropropene		17	100	300	ND	ND	ND	ND
1,4-Dichlorobenzene		200	2600	12000	ND	ND	ND	ND
1,4 - Dioxane		0.17	812290	4541690	ND	ND	ND	ND
2,2-Dichloropropane (2,2-DCP)		--	--	--	ND	ND	ND	ND
2-Butanone		--	--	--	ND	ND	11	ND
2-Chlorotoluene		--	--	--	ND	ND	ND	ND
2-Hexanone (MBK)		--	--	--	ND	ND	ND	ND
4-Chlorotoluene		--	--	--	ND	ND	ND	ND
Acetone		920	61,000,000	670,000,000	ND	ND	130	ND
Benzene		25	330	1400	ND	ND	1.7	ND
Bromobenzene		--	--	--	ND	ND	ND	ND
Bromochloromethane		--	--	--	ND	ND	ND	ND
Bromodichloromethane (BDCM)		16	290	1300	ND	ND	ND	ND
Bromoform		690	18000	80000	ND	ND	ND	ND
Bromomethane		360	6900	30000	ND	ND	ND	ND
Butane, 2-Methoxy-2- Methyl		--	--	--	ND	ND	ND	ND
Carbon Disulfide		--	--	--	ND	ND	ND	ND
Carbon tetrachloride		76	620	2700	ND	ND	ND	ND
Chlorobenzene		1400	270,000	1300000	ND	ND	ND	ND
Chloroethane		1200	14000000	59000000	ND	ND	ND	ND
Chloroform		23	320	1400	ND	ND	ND	ND
Chloromethane		11000	110000	470000	ND	ND	ND	ND
cis-1,2-Dichloroethene		190	19000	85000	ND	ND	ND	ND
cis-1,3-Dichloropropene		--	--	--	ND	ND	ND	ND
Cymene		--	--	--	ND	ND	ND	ND
Dibromochloromethane (DBCM)		350	8300	39000	ND	ND	ND	ND
Dibromomethane		--	--	--	ND	ND	ND	ND
Dichlorodifluoromethane		--	--	--	ND	ND	ND	ND
Di-isopropyl ether (DIPE)		--	--	--	ND	ND	ND	ND
Ethyl Tert-Butyl Ether (ETBE)		--	--	--	ND	ND	ND	ND
Ethylbenzene		430	5900	26000	ND	ND	ND	ND
Freon 113		--	--	--	ND	ND	ND	ND
Hexachlorobutadiene		28	1200	5300	ND	ND	ND	ND
Hexachloroethane		19	1800	7800	ND	ND	ND	ND
Isopropyl Ether		--	--	--	ND	ND	ND	ND
Isopropylbenzene (Cumene)		--	--	--	ND	ND	ND	ND

m,p-Xylene		--	--	--	ND	ND	ND	ND
Methyl Ethyl Ketone (2- Butanone)		6100	27000000	200000000	ND	ND	ND	ND
Methyl Isobutyl Ketone (4- Methyl-2-Pentanone)		360	34000000	140000000	ND	ND	ND	ND
Methylene chloride		120	1900	25000	ND	ND	ND	ND
Methyl mercury		34	6320	82070	ND	ND	ND	ND
Methyl tert-butyl ether (MTBE)		28	15621960	65612250	ND	ND	ND	ND
Naphthalene		42	3800	17000	ND	ND	ND	ND
n-Butylbenzene		--	--	--	ND	ND	ND	ND
n-Propylbenzene		--	--	--	ND	ND	ND	ND
o-Xylene (1,2- Dimethylbenzene)		--	--	--	ND	ND	ND	ND
sec-Butyl Benzene		--	--	--	ND	ND	ND	ND
Styrene		920	5700000	33000000	ND	ND	ND	ND
tert-Butylbenzene		--	--	--	ND	ND	ND	ND
tert-Butyl alcohol		75	--	--	ND	ND	ND	ND
tert-Butyl Methyl Ether		28	47000	210000	ND	ND	ND	ND
Tetrachloroethene (PCE)		80	590	2700	ND	ND	ND	ND
p-Isopropyltoluene		--	--	--	ND	ND	8.2	ND
tert-Amyl methyl ether (TAME)		--	--	--	ND	ND	ND	ND
Trichloroethene		1200	4160	18940	ND	ND	ND	ND
Toluene		3200	1100000	5300000	ND	ND	2	ND
Xylenes (Total)		2100	580000	2500000	ND	ND	ND	ND
Trans-1,2-Dichloroethene (trans-1,2-DCE)		650	130000	600000	ND	ND	ND	ND
Trans-1,3-Dichloropropene (trans-1,3-DCP)		--	--	--	ND	ND	ND	ND
Trichloroethylene (TCE)		85	950	6100	ND	ND	ND	ND
Trichlorofluoromethane		--	--	--	ND	ND	ND	ND
Vinyl Chloride		1.5	8.3	150	ND	ND	ND	ND
PAHs 8270C-SIM ug/kg								
1-Methylnaphthalene		--	--	--	ND	ND	29	ND
2-Methylnaphthalene		880	240000	3013780	ND	ND	31	ND
Naphthalene		42	3800	584540	ND	ND	23	ND
Acenaphthylene		64000	--	--	ND	ND	ND	ND
Acenaphthene		12000	3600000	45206720	ND	ND	ND	ND
Fluorene		6000	2400000	30137810	ND	ND	ND	ND
Phenanthrene		7800	--	--	ND	ND	17	ND
Anthracene		1900	18000000	226033600	ND	ND	4.2	ND
Fluoranthene		690	2400000	30137810	ND	ND	9	ND
Pyrene		45000	1800000	22603360	ND	ND	10	ND
Benz[a]anthracene		630	1100	20000	ND	ND	3.8	ND
Chrysene		--	1100	--	ND	3.2	8	ND
Benzo[b]fluoranthene		1100	1100	--	ND	4.6	9.2	1.9
Benzo[a]pyrene		110	110	2100	ND	ND	ND	ND
Indeno[1,2,3-cd]pyrene		480	1100	--	ND	ND	3.5	ND
Dibenz[a,h]anthracene		110	110	--	ND	ND	43	ND
Benzo[g,h,i]perylene		2500	--	--	ND	5.5	ND	2.8
PAH, Total		--	--	--	ND	ND	8.5	ND
Asbestos %								
CARB 435A		--	--	--	-	-	ND	ND

ND = Non-Detect

-- = Value not established

- = Not tested

STLC Required

TCLP Required

* Values highlighted indicate an exceedance for corresponding screening levels.



Project Name: MST Soil - Roundabout
Project Address: Marina through Sand City, CA

Lab Report #: 506595
Sample Date: 4/16/2024

	ReGen STLC Trigger mg/kg	Tier 1 2019	Residential 2019	Commercial 2019	RA 1-3	RA 2-4	RA 3-1	RA 4-2
Metals 6010B mg/kg								
Sb - Antimony	0.6	11	11	160	ND	ND	ND	ND
As - Arsenic	5	0.067	0.067	0.31	2.4	2	2.3	6.8
Ba - Barium	100	390	15000	220000	9.5	8.3	11	45
Be - Beryllium	0.4	5	16	230	0.069	0.078	0.08	0.13
Cd - Cadmium	0.5	1.9	78	1100	0.05	ND	0.056	0.42
Cr - Chromium (Total)	5	160	-	-	10	4.3	10	21
Co - Cobalt	5	23	23	350	1.4	0.61	1.4	6
Cu - Copper	200	180	3100	47000	0.97	0.86	0.99	45
Pb - Lead	5	32	80	320	1.3	0.57	0.83	47
Hg - Mercury (7471B)	0.2	13	13	190	ND	ND	ND	0.05
Mo - Molybdenum	1	6.9	390	5800	ND	ND	ND	ND
Ni - Nickel	10	86	820	11000	7.1	3.7	6.9	19
Se - Selenium	1	2.4	390	5800	ND	ND	ND	ND
Ag - Silver	5	25	390	5800	ND	ND	ND	ND
Tl - Thallium	0.05	0.78	0.78	12	ND	ND	ND	ND
V - Vanadium	2	18	390	5800	9.2	4.3	10	37
Zn - Zinc	2000	340	23000	350000	8.2	3.6	6.7	96
TPH 8260TPH mg/kg								
TPHg		100	430	2000	ND	ND	ND	ND
TPH 8015B mg/kg								
TPHd		260	260	1200	ND	ND	ND	8.1
TPHmo		1600	12000	200000	ND	4.3	ND	6.1
Pesticides 8081B ug/kg								
Alpha BHC (Alpha Hexachlorocyclohexane)		--	--	--	ND	ND	ND	ND
Beta Bhc (Beta Hexachlorocyclohexane)		--	--	--	ND	ND	ND	ND
Delta Bhc (Delta Hexachlorocyclohexane)		--	--	--	ND	ND	ND	ND
Gamma Bhc (Lindane)		7.4	550	25000	ND	ND	ND	ND
Heptachlor		120	120	530	ND	ND	ND	ND
Aldrin		2.4	35	150	ND	ND	ND	ND
Heptachlor Epoxide		0.18	620	280	ND	ND	ND	ND
Endosulfan I		9.8	419510	5783990	ND	ND	ND	ND
Dieldrin		0.46	37	160	ND	ND	ND	ND
4,4-DDE		330	1800	8300	ND	ND	ND	ND
Endrin		1.1	21000	290000	ND	ND	ND	ND
Endosulfan II		--	419510	5783990	ND	ND	ND	ND
Endosulfan Sulfate		--	--	--	ND	ND	ND	ND
4,4-DDD		2700	2700	12000	ND	ND	ND	ND
Endrin Aldehyde		--	--	--	ND	ND	ND	ND
Endrin Ketone		--	--	--	ND	ND	ND	ND
4,4-DDT		1.1	1900	8500	ND	ND	ND	ND
Methoxychlor		13	350000	4800000	ND	ND	ND	ND
Toxaphene		510	510	2200	ND	ND	ND	ND
Chlordane		8.5	480	2200	ND	ND	ND	ND
PCBs 8082A ug/kg								
Aroclor1016		230	230	230	ND	ND	ND	ND
Aroclor1221		230	230	230	ND	ND	ND	ND
Aroclor1232		230	230	230	ND	ND	ND	ND
Aroclor1242		230	230	230	ND	ND	ND	ND
Aroclor1248		230	230	230	ND	ND	ND	ND
Aroclor1254		230	230	230	ND	ND	ND	ND
Aroclor1260		230	230	230	ND	ND	ND	ND
Aroclor1262		230	230	230	ND	ND	ND	ND
Aroclor1268		230	230	230	ND	ND	ND	ND
Total PCBs		230	230	940	ND	ND	ND	ND
VOCs 8260B ug/kg								
1,1,1,2-Tetrachloroethane		17	2000	8900	ND	ND	ND	ND
1,1,1-Trichloroethane		7000	1700000	7300000	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane		18	610	2700	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2- Trifluoroethane		--	--	--	ND	ND	ND	ND
1,1,2-Trichloroethane		76	1200	5100	ND	ND	ND	ND
1,1-Dichloroethane		200	3600	16000	ND	ND	ND	ND
1,1-Dichloroethene		540	83000	350000	ND	ND	ND	ND
1,1-Dichloropropene		--	--	--	ND	ND	ND	ND
1,2,3-Trichlorobenzene		--	--	--	ND	ND	ND	ND
1,2,3-Trichloropropane		0.11	23	110	ND	ND	ND	ND
1,2,4-Trichlorobenzene		1200	24000	110000	ND	ND	ND	ND
1,2,4-Trimethylbenzene		--	--	--	ND	ND	ND	ND
1,2-Dibromo-3- Chloropropane		0.59	4.4	59	ND	ND	ND	ND
1,2-Dibromoethane (Ethylene Dibromide)		0.53	36	160	ND	ND	ND	ND
1,2-Dichlorobenzene		1000	1800000	9400000	ND	ND	ND	ND
1,2-Dichloroethane		7	470	2100	ND	ND	ND	ND
1,2-Dichloropropane		65	1000	4400	ND	ND	ND	ND
1,3,5-Trimethylbenzene (Mesitylene)		--	--	--	ND	ND	ND	ND
1,3-Dichlorobenzene		6000	--	--	ND	ND	ND	ND
1,3-Dichloropropene		17	100	300	ND	ND	ND	ND
1,4-Dichlorobenzene		200	2600	12000	ND	ND	ND	ND
1,4 - Dioxane		0.17	812290	4541690	ND	ND	ND	ND
2,2-Dichloropropane (2,2-DCP)		--	--	--	ND	ND	ND	ND
2-Butanone		--	--	--	ND	ND	ND	ND
2-Chlorotoluene		--	--	--	ND	ND	ND	ND
2-Hexanone (MBK)		--	--	--	ND	ND	ND	ND
4-Chlorotoluene		--	--	--	ND	ND	ND	ND
Acetone		920	61,000,000	670,000,000	ND	ND	ND	ND
Benzene		25	330	1400	ND	ND	ND	ND
Bromobenzene		--	--	--	ND	ND	ND	ND
Bromochloromethane		--	--	--	ND	ND	ND	ND
Bromodichloromethane (BDCM)		16	290	1300	ND	ND	ND	ND
Bromoform		690	18000	80000	ND	ND	ND	ND
Bromomethane		360	6900	30000	ND	ND	ND	ND
Butane, 2-Methoxy-2- Methyl		--	--	--	ND	ND	ND	ND
Carbon Disulfide		--	--	--	ND	ND	ND	ND
Carbon tetrachloride		76	620	2700	ND	ND	ND	ND
Chlorobenzene		1400	270,000	1300000	ND	ND	ND	ND
Chloroethane		1200	14000000	59000000	ND	ND	ND	ND
Chloroform		23	320	1400	ND	ND	ND	ND
Chloromethane		11000	110000	470000	ND	ND	ND	ND
cis-1,2-Dichloroethene		190	19000	85000	ND	ND	ND	ND
cis-1,3-Dichloropropene		--	--	--	ND	ND	ND	ND
Cymene		--	--	--	ND	ND	ND	ND
Dibromochloromethane (DBCM)		350	8300	39000	ND	ND	ND	ND
Dibromomethane		--	--	--	ND	ND	ND	ND
Dichlorodifluoromethane		--	--	--	ND	ND	ND	ND
Di-isopropyl ether (DIPE)		--	--	--	ND	ND	ND	ND
Ethyl Tert-Butyl Ether (ETBE)		--	--	--	ND	ND	ND	ND
Ethylbenzene		430	5900	26000	ND	ND	ND	ND
Freon 113		--	--	--	ND	ND	ND	ND
Hexachlorobutadiene		28	1200	5300	ND	ND	ND	ND
Hexachloroethane		19	1800	7800	ND	ND	ND	ND
Isopropyl Ether		--	--	--	ND	ND	ND	ND
Isopropylbenzene (Cumene)		--	--	--	ND	ND	ND	ND
m,p-Xylene		--	--	--	ND	ND	ND	ND
Methyl Ethyl Ketone (2- Butanone)		6100	27000000	200000000	ND	ND	ND	ND
Methyl Isobutyl Ketone (4- Methyl-2-Pentanone)		360	34000000	140000000	ND	ND	ND	ND

Methylene chloride		120	1900	25000	ND	ND	ND	ND
Methyl mercury		34	6320	82070	ND	ND	ND	ND
Methyl tert-butyl ether (MTBE)		28	15621960	65612250	ND	ND	ND	ND
Naphthalene		42	3800	17000	ND	ND	ND	ND
n-Butylbenzene		--	--	--	ND	ND	ND	ND
n-Propylbenzene		--	--	--	ND	ND	ND	ND
o-Xylene (1,2- Dimethylbenzene)		--	--	--	ND	ND	ND	ND
sec-Butyl Benzene		--	--	--	ND	ND	ND	ND
Styrene		920	5700000	33000000	ND	ND	ND	ND
tert-Butylbenzene		--	--	--	ND	ND	ND	ND
tert-Butyl alcohol		75	--	--	ND	ND	ND	ND
tert-Butyl Methyl Ether		28	47000	210000	ND	ND	ND	ND
Tetrachloroethene (PCE)		80	590	2700	ND	ND	ND	ND
p-Isopropyltoluene		--	--	--	ND	ND	ND	ND
tert-Amyl methyl ether (TAME)		--	--	--	ND	ND	ND	ND
Trichloroethene		1200	4160	18940	ND	ND	ND	ND
Toluene		3200	1100000	5300000	ND	ND	ND	ND
Xylenes (Total)		2100	580000	2500000	ND	ND	ND	ND
Trans-1,2-Dichloroethene (trans-1,2-DCE)		650	130000	600000	ND	ND	ND	ND
Trans-1,3-Dichloropropene (trans-1,3-DCP)		--	--	--	ND	ND	ND	ND
Trichloroethylene (TCE)		85	950	6100	ND	ND	ND	ND
Trichlorofluoromethane		--	--	--	ND	ND	ND	ND
Vinyl Chloride		1.5	8.3	150	ND	ND	ND	ND
PAHs 8270C-SIM ug/kg								
1-Methylnaphthalene		--	--	--	4.2	ND	ND	ND
2-Methylnaphthalene		880	240000	3013780	5.5	ND	ND	10
Naphthalene		42	3800	584540	N	ND	ND	ND
Acenaphthylene		64000	--	--	2.6	ND	ND	ND
Acenaphthene		12000	360000	45206720	5.6	ND	ND	ND
Fluorene		6000	2400000	30137810	7.4	ND	ND	ND
Phenanthrene		7800	--	--	5.4	ND	ND	64
Anthracene		1900	18000000	226033600	6	ND	ND	9.7
Fluoranthene		690	2400000	30137810	ND	ND	ND	35
Pyrene		45000	1800000	22603360	ND	ND	ND	54
Benz[a]anthracene		630	1100	20000	ND	ND	ND	36
Chrysene		--	1100	--	ND	ND	ND	77
Benzo[b]fluoranthene		1100	1100	--	ND	ND	ND	36
Benzo[a]pyrene		110	110	2100	ND	ND	ND	11
Indeno[1,2,3-cd]pyrene		480	1100	--	ND	ND	ND	28
Dibenz[a,h]anthracene		110	110	--	ND	ND	ND	17
Benzo[g,h,i]perylene		2500	--	--	ND	ND	ND	ND
PAH, Total		--	--	--	ND	ND	ND	24
Asbestos %								
CARB 435A		--	--	--	ND	-	-	-

ND = Non-Detect

-- = Value not established

- = Not tested

STLC Required

TCLP Required

* Values highlighted indicate an exceedance for corresponding screening levels.



Project Name: MST Soil - Playa California
Project Address: Marina through Sand City, CA

Lab Report #: 506595
Sample Date: 4/16/2024

	ReGen STLC Trigger mg/kg	Tier 1 2019	Residential 2019	Commercial 2019	PC 1-3.5	PC 2-1.5	PC 3-2	PC 4-0.5	PC 5-1
Metals 6010B mg/kg									
Sb - Antimony	0.6	11	11	160	ND	ND	ND	ND	ND
As - Arsenic	5	0.067	0.067	0.31	2.7	2.7	2	2.2	3.3
Ba - Barium	100	390	15000	220000	42	34	24	19	18
Be - Beryllium	0.4	5	16	230	0.21	0.17	0.1	0.089	0.1
Cd - Cadmium	0.5	1.9	78	1100	0.056	0.13	0.17	0.19	0.15
Cr - Chromium (Total)	5	160	-	-	12	13	7.9	8.3	8.5
Co - Cobalt	5	23	23	350	2	2.1	2.6	2	1.7
Cu - Copper	200	180	3100	47000	1.5	11	58	74	6.2
Pb - Lead	5	32	80	320	1.4	26	14	18	19
Hg - Mercury (7471B)	0.2	13	13	190	ND	ND	ND	ND	ND
Mo - Molybdenum	1	6.9	390	5800	ND	ND	ND	ND	ND
Ni - Nickel	10	86	820	11000	9.3	8.6	5.7	6	7.8
Se - Selenium	1	2.4	390	5800	ND	ND	ND	ND	ND
Ag - Silver	5	25	390	5800	ND	ND	ND	ND	ND
Tl - Thallium	0.05	0.78	0.78	12	ND	ND	ND	ND	ND
V - Vanadium	2	18	390	5800	13	17	15	16	9.9
Zn - Zinc	2000	340	23000	350000	9.9	32	24	32	40
TPH 8260TPH mg/kg									
TPHg		100	430	2000	ND	ND	ND	57	ND
TPH 8015B mg/kg									
TPHd		260	260	1200	ND	4.1	ND	180	63
TPHmc		1600	12000	200000	ND	4.1	ND	410	120
Pesticides 8081B ug/kg									
Alpha BHC (Alpha Hexachlorocyclohexane)		--	--	--	ND	ND	ND	ND	ND
Beta Bhc (Beta Hexachlorocyclohexane)		--	--	--	ND	ND	ND	ND	ND
Delta Bhc (Delta Hexachlorocyclohexane)		--	--	--	ND	ND	ND	ND	ND
Gamma Bhc (Lindane)		7.4	550	25000	ND	ND	ND	ND	ND
Heptachlor		120	120	530	ND	ND	ND	ND	ND
Aldrin		2.4	35	150	ND	ND	ND	ND	ND
Heptachlor Epoxide		0.18	620	280	ND	ND	ND	ND	ND
Endosulfan I		9.8	419510	5783990	ND	ND	ND	ND	ND
Dieldrin		0.46	37	160	ND	ND	ND	2.1	ND
4,4-DDE		330	1800	8300	ND	ND	ND	ND	ND
Endrin		1.1	21000	290000	ND	ND	ND	ND	ND
Endosulfan II		--	419510	5783990	ND	ND	ND	ND	ND
Endosulfan Sulfate		--	--	--	ND	ND	ND	ND	ND
4,4-DDD		2700	2700	12000	ND	ND	ND	ND	ND
Endrin Aldehyde		--	--	--	ND	ND	ND	ND	ND
Endrin Ketone		--	--	--	ND	ND	ND	ND	ND
4,4-DDT		1.1	1900	8500	ND	4.3	ND	3.1	ND
Methoxychlor		13	350000	4800000	ND	ND	ND	ND	ND
Toxaphene		510	510	2200	ND	ND	ND	ND	ND
Chlordane		8.5	480	2200	ND	ND	ND	ND	ND
PCBs 8082A ug/kg									
Aroclor1016		230	230	230	ND	ND	ND	ND	ND
Aroclor1221		230	230	230	ND	ND	ND	ND	ND
Aroclor1232		230	230	230	ND	ND	ND	ND	ND
Aroclor1242		230	230	230	ND	ND	ND	ND	ND
Aroclor1248		230	230	230	ND	ND	ND	ND	ND
Aroclor1254		230	230	230	ND	ND	ND	ND	ND
Aroclor1260		230	230	230	ND	ND	ND	ND	ND
Aroclor1262		230	230	230	ND	ND	ND	ND	ND
Aroclor1268		230	230	230	ND	ND	ND	ND	ND
Total PCBs		230	230	940	ND	ND	ND	ND	ND
VOCs 8260B ug/kg									
1,1,1,2-Tetrachloroethane		17	2000	8900	ND	ND	ND	ND	ND
1,1,1-Trichloroethane		7000	1700000	7300000	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane		18	610	2700	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-Trifluoroethane		--	--	--	ND	ND	ND	ND	ND
1,1,2-Trichloroethane		76	1200	5100	ND	ND	ND	ND	ND
1,1-Dichloroethane		200	3600	16000	ND	ND	ND	ND	ND
1,1-Dichloroethene		540	83000	350000	ND	ND	ND	ND	ND
1,1-Dichloropropene		--	--	--	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene		--	--	--	ND	ND	ND	ND	ND
1,2,3-Trichloropropane		0.11	23	110	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene		1200	24000	110000	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene		--	--	--	ND	ND	ND	ND	ND
1,2-Dibromo-3-Chloropropane		0.59	4.4	59	ND	ND	ND	ND	ND
1,2-Dibromoethane (Ethylene Dibromide)		0.53	36	160	ND	ND	ND	ND	ND
1,2-Dichlorobenzene		1000	1800000	9400000	ND	ND	ND	ND	ND
1,2-Dichloroethane		7	470	2100	ND	ND	ND	ND	ND
1,2-Dichloropropane		65	1000	4400	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene (Mesitylene)		--	--	--	ND	ND	ND	ND	ND
1,3-Dichlorobenzene		6000	--	--	ND	ND	ND	ND	ND
1,3-Dichloropropene		17	100	300	ND	ND	ND	ND	ND
1,4-Dichlorobenzene		200	2600	12000	ND	ND	ND	ND	ND
1,4-Dioxane		0.17	812290	4541690	ND	ND	ND	ND	ND
2,2-Dichloropropane (2,2-DCP)		--	--	--	ND	ND	ND	ND	ND
2-Butanone		--	--	--	ND	7.3	ND	ND	ND
2-Chlorotoluene		--	--	--	ND	ND	ND	ND	ND
2-Hexanone (MBK)		--	--	--	ND	ND	ND	ND	ND
4-Chlorotoluene		--	--	--	ND	ND	ND	ND	ND
Acetone		920	61,000,000	670,000,000	ND	71	ND	66	ND
Benzene		25	330	1400	ND	ND	ND	ND	ND
Bromobenzene		--	--	--	ND	ND	ND	ND	ND
Bromochloromethane		--	--	--	ND	ND	ND	ND	ND
Bromodichloromethane (BDCM)		16	290	1300	ND	ND	ND	ND	ND
Bromoform		690	18000	80000	ND	ND	ND	ND	ND
Bromomethane		360	6900	30000	ND	ND	ND	ND	ND
Butane, 2-Methoxy-2-Methyl		--	--	--	ND	ND	ND	ND	ND
Carbon Disulfide		--	--	--	ND	ND	ND	ND	ND
Carbon tetrachloride		76	620	2700	ND	ND	ND	ND	ND
Chlorobenzene		1400	270,000	1300000	ND	ND	ND	ND	ND
Chloroethane		1200	14000000	59000000	ND	ND	ND	ND	ND
Chloroform		23	320	1400	ND	ND	ND	ND	ND
Chloromethane		11000	110000	470000	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene		190	19000	85000	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene		--	--	--	ND	ND	ND	ND	ND
Cymene		--	--	--	ND	ND	ND	ND	ND
Dibromochloromethane (DBCM)		350	8300	39000	ND	ND	ND	ND	ND
Dibromomethane		--	--	--	ND	ND	ND	ND	ND
Dichlorodifluoromethane		--	--	--	ND	ND	ND	ND	ND
Di-isopropyl ether (DIPE)		--	--	--	ND	ND	ND	ND	ND
Ethyl Tert-Butyl Ether (ETBE)		--	--	--	ND	ND	ND	ND	ND
Ethylbenzene		430	5900	26000	ND	ND	ND	ND	ND
Freon 113		--	--	--	ND	ND	ND	ND	ND
Hexachlorobutadiene		28	1200	5300	ND	ND	ND	ND	ND
Hexachloroethane		19	1800	7800	ND	ND	ND	ND	ND
Isopropyl Ether		--	--	--	ND	ND	ND	ND	ND
Isopropylbenzene (Cumene)		--	--	--	ND	ND	ND	ND	ND
m,p-Xylene		--	--	--	ND	ND	ND	ND	ND
Methyl Ethyl Ketone (2-Butanone)		6100	2700000	20000000	ND	ND	ND	ND	ND
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)		360	3400000	14000000	ND	ND	ND	ND	ND
Methylene chloride		120	1900	25000	ND	ND	ND	ND	ND
Methyl mercury		34	6320	82070	ND	ND	ND	ND	ND
Methyl tert-butyl ether (MTBE)		28	15621960	65612250	ND	ND	ND	ND	ND
Naphthalene		42	3800	17000	ND	ND	ND	ND	ND
n-Butylbenzene		--	--	--	ND	ND	ND	ND	ND
n-Propylbenzene		--	--	--	ND	ND	ND	ND	ND
o-Xylene (1,2-Dimethylbenzene)		--	--	--	ND	ND	ND	ND	ND
sec-Butyl Benzene		--	--	--	ND	ND	ND	ND	ND
Styrene		920	5700000	33000000	ND	ND	ND	ND	ND
tert-Butylbenzene		--	--	--	ND	ND	ND	ND	ND
tert-Butyl alcohol		75	--	--	ND	ND	ND	ND	ND
tert-Butyl Methyl Ether		28	47000	210000	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)		80	590	2700	ND	ND	ND	ND	ND
p-Isopropyltoluene		--	--	--	ND	1.7	ND	2.5	ND
tert-Amyl methyl ether (TAME)		--	--	--	ND	ND	ND	ND	ND
Trichloroethene		1200	4160	18940	ND	ND	ND	ND	ND
Toluene		3200	1100000	5300000	ND	ND	ND	ND	ND
Xylenes (Total)		2100	580000	2500000	ND	ND	ND	ND	ND

Trans-1,2-Dichloroethene (trans-1,2-DCE)	650	130000	600000	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene (trans-1,3-DCP)	--	--	--	ND	ND	ND	ND	ND
Trichloroethylene (TCE)	85	950	6100	ND	ND	ND	ND	ND
Trichlorofluoromethane	--	--	--	ND	ND	ND	ND	ND
Vinyl Chloride	1.5	8.3	150	ND	ND	ND	ND	ND
PAHs 8270C-SIM ug/kg								
1-Methylnaphthalene	--	--	--	ND	ND	ND	ND	ND
2-Methylnaphthalene	880	240000	3013780	ND	ND	ND	ND	ND
Naphthalene	42	3800	584540	ND	ND	ND	ND	ND
Acenaphthylene	64000	--	--	ND	ND	ND	ND	ND
Acenaphthene	12000	3600000	45206720	ND	ND	ND	ND	ND
Fluorene	6000	2400000	30137810	ND	ND	ND	ND	ND
Phenanthrene	7800	--	--	ND	7.3	3	ND	ND
Anthracene	1900	18000000	226033600	ND	1.5	3.5	ND	ND
Fluoranthene	690	2400000	30137810	ND	9.6	7.6	ND	ND
Pyrene	45000	1800000	22603360	ND	9.4	6.7	ND	ND
Benz[a]anthracene	630	1100	20000	ND	4	2.9	ND	ND
Chrysene	--	1100	--	ND	6.3	5	ND	ND
Benzo[b]fluoranthene	1100	1100	--	ND	7.4	8.7	ND	ND
Benzo[a]pyrene	110	110	2100	ND	2.9	2.9	ND	ND
Indeno[1,2,3-cd]pyrene	480	1100	--	ND	4.4	3.7	ND	ND
Dibenz[a,h]anthracene	110	110	--	ND	4.5	4.3	ND	ND
Benzo[g,h,i]perylene	2500	--	--	ND	ND	ND	ND	ND
PAH, Total	--	--	--	ND	7.1	5.1	ND	ND
Asbestos %								
CARB 435A	--	--	--	-	ND	ND	-	ND

ND = Non-Detect

-- = Value not established

- = Not tested

STLC Required

TCLP Required

* Values highlighted indicate an exceedance for corresponding screening levels.



ENTHALPY
ANALYTICAL

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number : 506595
Report Level : II
Report Date : 04/29/2024

Analytical Report *prepared for:*

Lisa Prasad
Graniterock
350 Technology Dr
Watsonville, CA 95076

Project: 8133 - MST

Authorized for release by:

Miguel Gamboa, Project Coordinator
miguel.gamboa@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

Sample Summary

Lisa Prasad
 Graniterock
 350 Technology Dr
 Watsonville, CA
 95076

Lab Job #: 506595
 Project No: 8133
 Location: MST
 Date Received: 04/17/24

Sample ID	Lab ID	Collected	Matrix
MS1-4	506595-001	04/16/24 16:01	Soil
MS2-1	506595-002	04/16/24 15:45	Soil
MS3-2	506595-003	04/16/24 15:22	Soil
MS4-0.5	506595-004	04/16/24 15:31	Soil
RA 1-3	506595-005	04/16/24 12:28	Soil
RA 2-4	506595-006	04/16/24 11:55	Soil
RA 3-1	506595-007	04/16/24 12:02	Soil
RA 4-2	506595-008	04/16/24 12:13	Soil
PC 1-3.5	506595-009	04/16/24 10:15	Soil
PC 2-1.5	506595-010	04/16/24 10:27	Soil
PC 3-2	506595-011	04/16/24 10:43	Soil
PC 4-0.5	506595-012	04/16/24 10:50	Soil
PC 5-1	506595-013	04/16/24 11:30	Soil

Case Narrative

Graniterock
350 Technology Dr
Watsonville, CA 95076
Lisa Prasad

Lab Job 506595
Number:
Project No: 8133
Location: MST
Date Received: 04/17/24

This data package contains sample and QC results for thirteen soil samples, requested for the above referenced project on 04/17/24. The samples were received cold and intact.

TPH-Extractables by GC (EPA 8015M):

No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):

- Low recovery was observed for chlorobenzene in the MSD for batch 338690; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

- High responses were observed for benzo(g,h,i)perylene and indeno(1,2,3-cd)pyrene in the CCV analyzed 04/24/24 13:39; these analytes were not detected at or above the RL in the associated samples, and affected data was qualified with "b".
- High RPD was observed for a number of analytes in the MS/MSD of RA 4-2 (lab # 506595-008).
- High surrogate recovery was observed for nitrobenzene-d5 in PC 4-0.5 (lab # 506595-012); no target analytes were detected in the sample.
- Many samples were diluted due to the dark and viscous nature of the sample extracts.
- No other analytical problems were encountered.

Pesticides (EPA 8081A):

No analytical problems were encountered.

PCBs (EPA 8082):

No analytical problems were encountered.

Metals (EPA 6010B and EPA 7471A):

- Low recoveries were observed for antimony in the MS/MSD of MS1-4 (lab # 506595-001); the LCS was within limits, and the associated RPD was within limits.
- Beryllium was detected between the MDL and the RL in the method blank for batch 338281; this analyte was not detected in samples at or above the RL.
- No other analytical problems were encountered.

Moisture (ASTM D2216):

No analytical problems were encountered.

Asbestos (CARB 435):

SGS Forensic in Hayward, CA performed the analysis (see sublab report section for certifications). Please see the SGS Forensic case narrative.

ENTHALPY ANALYTICAL

Enthalpy Analytical - Berkeley

2323 5th Street, Berkeley, CA 94710

Phone 510-486-0900

Chain of Custody Record

Lab No: **506595**

Page: **1** of **2**

Turn Around Time (rush by advanced notice only)

Standard: 5 Day: 3 Day:

2 Day: 1 Day: Custom TAT:

Matrix: A = Air S = Soil/Solid
 W = Water DW = Drinking Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

Sample Receipt Temp:
24 / 1.3
 (lab use only)

PROJECT INFORMATION

Company: Graniterock
 Report To: Lisa Prasad
 Email: lprasad@graniterock.com
 Address: 350 Technology Dr.
 Watsonville, CA 95076
 Phone: 831-768-2000
 Name: **MSI**
 Number: **8133**
 P.O. #:
 Address:
 Global ID:
 Sampled By:
 Container No. / Size: **16oz VOA**

Analysis Request

CAM 17 (T22) - 6010	<input checked="" type="checkbox"/>
TPH (DRO/MRO/GRO)	<input checked="" type="checkbox"/>
Silica Gel Cleanup for TPH (DRO/MRO)	<input checked="" type="checkbox"/>
VOCs	<input checked="" type="checkbox"/>
SVOC - PAH / PNA SIM	<input checked="" type="checkbox"/>
OCF (Pesticides) + PCBs (8081/8082)	<input checked="" type="checkbox"/>
Fluoril Cleanup	<input checked="" type="checkbox"/>
Asbestos CARB 435	<input checked="" type="checkbox"/>
Moisture % (Report in Dry Weight)	<input checked="" type="checkbox"/>

Test Instructions / Comments

Please also run STL/C/TCLP on results over Title 22 10x & 20x trigger levels.

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
MS1-4	4-16-24	16:01	Soil	16oz VOA	
MS2-1		15:45			
MS3-2		15:22			
MS4-0.5		15:31			
RA1-3		12:28			
RA2-4		11:55			
RA3-1		12:02			
RA4-2		12:13			
PC1-3.5		10:15			
PC2-1.5		10:27			

Signature	Print Name	Company / Title	Date / Time
	Lisa Prasad	Graniterock / SDM	4.17.24 15:35
	AUDREY HUSAIN	ENTHALPY	4.17.24 15:35
	JACK PETERSON	ENTHALPY	4.17.24 17:20
	JACK PETERSON	ENTHALPY	4.18.24 11:49
	J. QUIROGA	E.A.I.	4/19/24 1007AM

ENTHALPY ANALYTICAL

Enthalpy Analytical - Berkeley
 2323 5th Street, Berkeley, CA 94710
 Phone 510-486-0900

Chain of Custody Record
 Lab No: 506595
 Page: 2 of 2

Turn Around Time (rush by advanced notice only)
 Standard: 5 Day:
 1 Day:
 Custom TAT:
 Sample Receipt Temp: 24/1.5
(lab use only)

Matrix: A = Air S = Soil/Solid
 W = Water DW = Drinking Water SD = Sediment
 PP = Pure Product SEA = Sea Water
 SW = Swab T = Tissue WP = Wipe O = Other

Preservatives:
 1 = Na₂S₂O₃ 2 = HCl 3 = HNO₃
 4 = H₂SO₄ 5 = NaOH 6 = Other

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Graniterock	Name:	<u>MST</u>
Report To:	Lisa Prasad	Number:	<u>8133</u>
Email:	<u>Lprasad@graniterock.com</u>	P.O. #:	
Address:	350 Technology Dr.	Address:	
	Watsonville, CA 95076		
Phone:	831-768-2000	Global ID:	
		Sampled By:	

ANALYSIS REQUEST		TEST INSTRUCTIONS / COMMENTS	
CAM 17 (T22) - 6010	<input checked="" type="checkbox"/>	Florsil Cleanup	Please also run STLCL/TCLP on results over Title 22 10x & 20x trigger levels.
TPH (DRO/MRO/GRO)	<input checked="" type="checkbox"/>	OC (Pesticides) + PCBs (8081/8082)	
Silica Gel Cleanup for TPH (DRO/MRO)	<input checked="" type="checkbox"/>	SVOC - PAH / PNA SIM	
VOCs	<input checked="" type="checkbox"/>	Asbestos CARB 435	
Moisture % (Report in Dry Weight)	<input checked="" type="checkbox"/>		

Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.
<u>PC3-2</u>	<u>4-16-24</u>	<u>10:43</u>	<u>Soil/16oz/10ml</u>		
<u>PC4-0.5</u>	<u>4-17-24</u>	<u>10:50</u>			

Signature	Print Name	Company / Title	Date / Time
	Lisa Prasad	Graniterock / SDM	4-17-24 15:35
	Audrey Hudson	ENTHALPY "	4-17-24 15:35
	Audrey Hudson	"	4-17-24 17:20
	Jack Peterson	ENTHALPY	4-17-24 17:20
	Jack Peterson	ENTHALPY	4-18-24 11:49
	J. Dominguez	E.A.	4-19-24 10:34 AM

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 4.17.24 Login # 506595 Client: Granite Rock

Section 2: Shipping / Custody

Shipping Info: _____

Are custody seals present? No Yes If yes, where? on cooler, on samples, on package

Custody seals intact on arrival? Yes No N/A Date: _____ # of seals _____ Signature Initials

Section 3: Condition / Packaging

Important: Notify PM if temperature exceeds 6°C or arrive frozen

Date Opened 4.17.24 By (print) Jade Peterson (sign) [Signature]

Samples received on ice directly from the field. Cooling process had begun. (if checked, skip temperatures)

If no cooler: Sample Temp (°C): _____

How many coolers? 1 Temp (°C): #1: 2.2 #2: _____ #3: _____ #4: _____ #5: _____ #6: _____

Temperature measured using Thermometer ID: _____, or IR Gun # B C

Type of ice used: Wet, Blue/Gel, None Temperature blank(s) included? Yes, No JJP 4.17.24

Section 4: Containers / Labels / Samples

	YES	NO	N/A
Were custody papers dry, filled out properly, and the project identifiable?	/		
Were Method 5035 sampling containers present? Transferred to freezer @: <u>14:35 4.17.24</u>	/		
Did all containers arrive unbroken/unopened?	/		
Are there any missing / extra samples?	/		
Are samples in the appropriate containers for indicated tests?	/		
Are sample labels present, in good condition and complete?	/		
Does the container count match the COC?	/		
Do the sample labels agree with custody papers?	/		
Was sufficient amount of sample sent for tests requested?	/		
Did you change the hold time in LIMS for unpreserved VOAs?	/		
Did you change the hold time in LIMS for preserved terracores?	/		
Are bubbles > 6mm present in VOA samples?	/		
Was the client contacted about this delivery? Contacted: _____ By: _____ Date: _____	/		

Section 5: Preservatives

	YES	NO	N/A
Are the samples appropriately preserved? (if yes, skip the rest of section 5)		/	
Did any samples / containers require preservation upon receipt?			
Did you document your preservative check in the bench book?			

Preservative added:

- H2SO4 lot# _____ added to samples _____ Date/Time _____
- HCL lot# _____ added to samples _____ Date/Time _____
- HNO3 lot# _____ added to samples _____ Date/Time _____
- CrVI Buffer lot# _____ added to samples _____ Date/Time _____

Section 6: Explanations / Comments

Extra sample received: PC5-1 4.16.24 11:30 full set
No VOA count on COC - 005 has no MeOH VOA and an extra SoBi VOA.
-007 has two MeOH VOAs and only one SoBi VOA.
-011 MeOH VOA appears to have evaporated its liquid.

Date Logged 4.17.24 By (print) JJP FOR MAY (sign) [Signature]
 Date Labeled 4.17.24 By (print) Jade Peterson (sign) [Signature]



ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: GRANITEROCK Project: MST #8133
 Date Received: 4/19/24 Sampler's Name Present: Yes No

Section 2
 Sample(s) received in a cooler? Yes, How many? 1 No (skip section 2) Sample Temp (°C) (No Cooler) : _____
 Sample Temp (°C), One from each cooler: #1: 2.4 #2: _____ #3: _____ #4: _____
 (Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)
 Shipping Information: _____

Section 3
 Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam
 Paper None Other _____
 Cooler Temp (°C): #1: 1.5 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?	✓		
If custody seals are present, were they intact?	✓		
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)	✓		
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times) <u>4/19/24 JRR</u>	✓	✓	
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?	✓		
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		


Section 5 Explanations/Comments
SEE BERKELEY COOLER SHEET

Section 6
 For discrepancies, how was the Project Manager notified? Verbal PM Initials: _____ Date/Time _____
 Email (email sent to/on): _____ / _____
 Project Manager's response: _____

Completed By: J. [Signature] Date: 4/19/24

SOUTHWEST AIRLINES

Printed on:
18 APR 19:52

526 OAK 1174 8785 

SNA

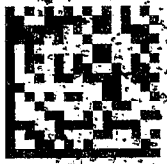
PC#
7 OF

16 DG
G

LOT WT
700 LB
(317.5 KG)

OAK WN 4558 19 APR 06:05

STN FLT DATE ETD LOT 01



PC ID: 0007
PC WT: 44LB

S

526 11748785 0007

Analysis Results for 506595

Lisa Prasad
 Graniterock
 350 Technology Dr
 Watsonville, CA 95076

Lab Job #: 506595
 Project No: 8133
 Location: MST
 Date Received: 04/17/24

Sample ID: MS1-4	Lab ID: 506595-001	Collected: 04/16/24 16:01
	Matrix: Soil	Basis: Dry

506595-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
--------------------	--------	------	-------	----	-----	----	-------	----------	----------	---------

Method: ASTM D2216
 Prep Method: METHOD

Moisture, Percent	5		%	1		1	338380	04/22/24	04/23/24	ARM
-------------------	---	--	---	---	--	---	--------	----------	----------	-----

Method: EPA 6010B
 Prep Method: EPA 3050B

Antimony	ND		mg/Kg	3.0	1.2	0.95	338281	04/19/24	04/21/24	SBW
Arsenic	2.0		mg/Kg	1.0	0.59	0.95	338281	04/19/24	04/21/24	SBW
Barium	20		mg/Kg	1.0	0.36	0.95	338281	04/19/24	04/21/24	SBW
Beryllium	0.14	J	mg/Kg	0.50	0.011	0.95	338281	04/19/24	04/21/24	SBW
Cadmium	0.098	J	mg/Kg	0.50	0.046	0.95	338281	04/19/24	04/21/24	SBW
Chromium	10		mg/Kg	1.0	0.12	0.95	338281	04/19/24	04/21/24	SBW
Cobalt	2.5		mg/Kg	0.50	0.27	0.95	338281	04/19/24	04/21/24	SBW
Copper	10		mg/Kg	1.0	0.20	0.95	338281	04/19/24	04/21/24	SBW
Lead	27		mg/Kg	1.0	0.38	0.95	338281	04/19/24	04/21/24	SBW
Molybdenum	ND		mg/Kg	1.1	1.1	0.95	338281	04/19/24	04/21/24	SBW
Nickel	11		mg/Kg	1.0	0.17	0.95	338281	04/19/24	04/21/24	SBW
Selenium	ND		mg/Kg	3.0	0.85	0.95	338281	04/19/24	04/21/24	SBW
Silver	ND		mg/Kg	0.50	0.15	0.95	338281	04/19/24	04/21/24	SBW
Thallium	ND		mg/Kg	3.0	0.87	0.95	338281	04/19/24	04/21/24	SBW
Vanadium	14		mg/Kg	1.0	0.079	0.95	338281	04/19/24	04/21/24	SBW
Zinc	21		mg/Kg	5.0	0.37	0.95	338281	04/19/24	04/21/24	SBW

Method: EPA 7471A
 Prep Method: METHOD

Mercury	ND		mg/Kg	0.16	0.039	1.1	338363	04/22/24	04/22/24	KAM
---------	----	--	-------	------	-------	-----	--------	----------	----------	-----

Method: EPA 8015M
 Prep Method: EPA 3580M

GRO C6-C12	ND		mg/Kg	10		1	338322	04/20/24	04/22/24	TJW
DRO C10-C28	9.2	J	mg/Kg	10	3.6	1	338322	04/20/24	04/22/24	TJW
ORO C28-C44	42		mg/Kg	21	3.6	1	338322	04/20/24	04/22/24	TJW

Surrogates			Limits							
n-Triacontane	116%		%REC	70-130		1	338322	04/20/24	04/22/24	TJW

Method: EPA 8081A
 Prep Method: EPA 3546

alpha-BHC	ND		ug/Kg	5.3	1.3	1	338342	04/21/24	04/23/24	KLR
beta-BHC	ND		ug/Kg	5.3	1.8	1	338342	04/21/24	04/23/24	KLR
gamma-BHC	ND		ug/Kg	5.3	1.1	1	338342	04/21/24	04/23/24	KLR
delta-BHC	ND		ug/Kg	5.3	1.4	1	338342	04/21/24	04/23/24	KLR
Heptachlor	ND		ug/Kg	5.3	1.6	1	338342	04/21/24	04/23/24	KLR
Aldrin	ND		ug/Kg	5.3	1.4	1	338342	04/21/24	04/23/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.3	1.9	1	338342	04/21/24	04/23/24	KLR
Endosulfan I	ND		ug/Kg	5.3	1.5	1	338342	04/21/24	04/23/24	KLR
Dieldrin	ND		ug/Kg	5.3	1.5	1	338342	04/21/24	04/23/24	KLR

Analysis Results for 506595

506595-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
4,4'-DDE	ND		ug/Kg	5.3	1.5	1	338342	04/21/24	04/23/24	KLR
Endrin	ND		ug/Kg	5.3	1.7	1	338342	04/21/24	04/23/24	KLR
Endosulfan II	ND		ug/Kg	5.3	1.7	1	338342	04/21/24	04/23/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.3	1.7	1	338342	04/21/24	04/23/24	KLR
4,4'-DDD	ND		ug/Kg	5.3	1.2	1	338342	04/21/24	04/23/24	KLR
Endrin aldehyde	ND		ug/Kg	5.3	1.8	1	338342	04/21/24	04/23/24	KLR
Endrin ketone	ND		ug/Kg	5.3	1.5	1	338342	04/21/24	04/23/24	KLR
4,4'-DDT	ND		ug/Kg	5.3	1.5	1	338342	04/21/24	04/23/24	KLR
Methoxychlor	ND		ug/Kg	11	5.4	1	338342	04/21/24	04/23/24	KLR
Toxaphene	ND		ug/Kg	110	16	1	338342	04/21/24	04/23/24	KLR
Chlordane (Technical)	ND		ug/Kg	53	12	1	338342	04/21/24	04/23/24	KLR

Surrogates			Limits							
TCMX	90%	%REC	23-120		1	338342	04/21/24	04/23/24	KLR	
Decachlorobiphenyl	83%	%REC	24-120		1	338342	04/21/24	04/23/24	KLR	

Method: EPA 8082
Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	53	15	1	338342	04/21/24	04/23/24	KLR
Aroclor-1221	ND		ug/Kg	53	24	1	338342	04/21/24	04/23/24	KLR
Aroclor-1232	ND		ug/Kg	53	20	1	338342	04/21/24	04/23/24	KLR
Aroclor-1242	ND		ug/Kg	53	19	1	338342	04/21/24	04/23/24	KLR
Aroclor-1248	ND		ug/Kg	53	22	1	338342	04/21/24	04/23/24	KLR
Aroclor-1254	ND		ug/Kg	53	7.0	1	338342	04/21/24	04/23/24	KLR
Aroclor-1260	ND		ug/Kg	53	26	1	338342	04/21/24	04/23/24	KLR
Aroclor-1262	ND		ug/Kg	53	17	1	338342	04/21/24	04/23/24	KLR
Aroclor-1268	ND		ug/Kg	53	14	1	338342	04/21/24	04/23/24	KLR

Surrogates			Limits							
Decachlorobiphenyl (PCB)	82%	%REC	19-121		1	338342	04/21/24	04/23/24	KLR	

Method: EPA 8260B
Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	4.6	0.7	0.87	338583	04/24/24	04/24/24	EJB
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.6	1.5	0.87	338583	04/24/24	04/24/24	EJB
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.6	2.2	0.87	338583	04/24/24	04/24/24	EJB
Freon 12	ND		ug/Kg	4.6	1.6	0.87	338583	04/24/24	04/24/24	EJB
Chloromethane	ND		ug/Kg	4.6	2.1	0.87	338583	04/24/24	04/24/24	EJB
Vinyl Chloride	ND		ug/Kg	4.6	2.0	0.87	338583	04/24/24	04/24/24	EJB
Bromomethane	ND		ug/Kg	4.6	2.1	0.87	338583	04/24/24	04/24/24	EJB
Chloroethane	ND		ug/Kg	4.6	1.3	0.87	338583	04/24/24	04/24/24	EJB
Trichlorofluoromethane	ND		ug/Kg	4.6	1.3	0.87	338583	04/24/24	04/24/24	EJB
Acetone	ND		ug/Kg	91	56	0.87	338583	04/24/24	04/24/24	EJB
Freon 113	ND		ug/Kg	4.6	0.7	0.87	338583	04/24/24	04/24/24	EJB
1,1-Dichloroethene	ND		ug/Kg	4.6	1.2	0.87	338583	04/24/24	04/24/24	EJB
Methylene Chloride	ND		ug/Kg	4.6	3.3	0.87	338583	04/24/24	04/24/24	EJB
MTBE	ND		ug/Kg	4.6	0.9	0.87	338583	04/24/24	04/24/24	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	4.6	1.1	0.87	338583	04/24/24	04/24/24	EJB
1,1-Dichloroethane	ND		ug/Kg	4.6	1.6	0.87	338583	04/24/24	04/24/24	EJB
2-Butanone	ND		ug/Kg	91	6.7	0.87	338583	04/24/24	04/24/24	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	4.6	1.5	0.87	338583	04/24/24	04/24/24	EJB
2,2-Dichloropropane	ND		ug/Kg	4.6	0.8	0.87	338583	04/24/24	04/24/24	EJB
Chloroform	ND		ug/Kg	4.6	0.7	0.87	338583	04/24/24	04/24/24	EJB
Bromochloromethane	ND		ug/Kg	4.6	1.5	0.87	338583	04/24/24	04/24/24	EJB
1,1,1-Trichloroethane	ND		ug/Kg	4.6	1.1	0.87	338583	04/24/24	04/24/24	EJB

Analysis Results for 506595

506595-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1-Dichloropropene	ND		ug/Kg	4.6	1.1	0.87	338583	04/24/24	04/24/24	EJB
Carbon Tetrachloride	ND		ug/Kg	4.6	1.4	0.87	338583	04/24/24	04/24/24	EJB
1,2-Dichloroethane	ND		ug/Kg	4.6	1.1	0.87	338583	04/24/24	04/24/24	EJB
Benzene	ND		ug/Kg	4.6	1.0	0.87	338583	04/24/24	04/24/24	EJB
Trichloroethene	ND		ug/Kg	4.6	0.8	0.87	338583	04/24/24	04/24/24	EJB
1,2-Dichloropropane	ND		ug/Kg	4.6	2.1	0.87	338583	04/24/24	04/24/24	EJB
Bromodichloromethane	ND		ug/Kg	4.6	1.2	0.87	338583	04/24/24	04/24/24	EJB
Dibromomethane	ND		ug/Kg	4.6	1.6	0.87	338583	04/24/24	04/24/24	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	4.6	1.9	0.87	338583	04/24/24	04/24/24	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	4.6	0.8	0.87	338583	04/24/24	04/24/24	EJB
Toluene	ND		ug/Kg	4.6	1.2	0.87	338583	04/24/24	04/24/24	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	4.6	0.7	0.87	338583	04/24/24	04/24/24	EJB
1,1,2-Trichloroethane	ND		ug/Kg	4.6	1.7	0.87	338583	04/24/24	04/24/24	EJB
1,3-Dichloropropane	ND		ug/Kg	4.6	1.2	0.87	338583	04/24/24	04/24/24	EJB
Tetrachloroethene	ND		ug/Kg	4.6	1.0	0.87	338583	04/24/24	04/24/24	EJB
Dibromochloromethane	ND		ug/Kg	4.6	0.8	0.87	338583	04/24/24	04/24/24	EJB
1,2-Dibromoethane	ND		ug/Kg	4.6	1.2	0.87	338583	04/24/24	04/24/24	EJB
Chlorobenzene	ND		ug/Kg	4.6	0.7	0.87	338583	04/24/24	04/24/24	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.6	1.0	0.87	338583	04/24/24	04/24/24	EJB
Ethylbenzene	ND		ug/Kg	4.6	0.8	0.87	338583	04/24/24	04/24/24	EJB
m,p-Xylenes	ND		ug/Kg	9.1	1.8	0.87	338583	04/24/24	04/24/24	EJB
o-Xylene	ND		ug/Kg	4.6	0.9	0.87	338583	04/24/24	04/24/24	EJB
Styrene	ND		ug/Kg	4.6	1.0	0.87	338583	04/24/24	04/24/24	EJB
Bromoform	ND		ug/Kg	4.6	0.6	0.87	338583	04/24/24	04/24/24	EJB
Isopropylbenzene	ND		ug/Kg	4.6	0.6	0.87	338583	04/24/24	04/24/24	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.6	1.9	0.87	338583	04/24/24	04/24/24	EJB
1,2,3-Trichloropropane	ND		ug/Kg	4.6	1.4	0.87	338583	04/24/24	04/24/24	EJB
Propylbenzene	ND		ug/Kg	4.6	0.7	0.87	338583	04/24/24	04/24/24	EJB
Bromobenzene	ND		ug/Kg	4.6	1.0	0.87	338583	04/24/24	04/24/24	EJB
1,3,5-Trimethylbenzene	ND		ug/Kg	4.6	0.6	0.87	338583	04/24/24	04/24/24	EJB
2-Chlorotoluene	ND		ug/Kg	4.6	1.2	0.87	338583	04/24/24	04/24/24	EJB
4-Chlorotoluene	ND		ug/Kg	4.6	1.0	0.87	338583	04/24/24	04/24/24	EJB
tert-Butylbenzene	ND		ug/Kg	4.6	0.5	0.87	338583	04/24/24	04/24/24	EJB
1,2,4-Trimethylbenzene	ND		ug/Kg	4.6	0.7	0.87	338583	04/24/24	04/24/24	EJB
sec-Butylbenzene	ND		ug/Kg	4.6	0.6	0.87	338583	04/24/24	04/24/24	EJB
para-Isopropyl Toluene	ND		ug/Kg	4.6	0.6	0.87	338583	04/24/24	04/24/24	EJB
1,3-Dichlorobenzene	ND		ug/Kg	4.6	1.3	0.87	338583	04/24/24	04/24/24	EJB
1,4-Dichlorobenzene	ND		ug/Kg	4.6	1.0	0.87	338583	04/24/24	04/24/24	EJB
n-Butylbenzene	ND		ug/Kg	4.6	0.9	0.87	338583	04/24/24	04/24/24	EJB
1,2-Dichlorobenzene	ND		ug/Kg	4.6	0.8	0.87	338583	04/24/24	04/24/24	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.6	1.6	0.87	338583	04/24/24	04/24/24	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	4.6	1.2	0.87	338583	04/24/24	04/24/24	EJB
Hexachlorobutadiene	ND		ug/Kg	4.6	1.1	0.87	338583	04/24/24	04/24/24	EJB
Naphthalene	ND		ug/Kg	4.6	1.2	0.87	338583	04/24/24	04/24/24	EJB
1,2,3-Trichlorobenzene	ND		ug/Kg	4.6	0.6	0.87	338583	04/24/24	04/24/24	EJB
Xylene (total)	ND		ug/Kg	4.6		0.87	338583	04/24/24	04/24/24	EJB
Surrogates				Limits						
Dibromofluoromethane	98%		%REC	70-145		0.87	338583	04/24/24	04/24/24	EJB
1,2-Dichloroethane-d4	108%		%REC	70-145		0.87	338583	04/24/24	04/24/24	EJB
Toluene-d8	95%		%REC	70-145		0.87	338583	04/24/24	04/24/24	EJB
Bromofluorobenzene	101%		%REC	70-145		0.87	338583	04/24/24	04/24/24	EJB

Analysis Results for 506595

506595-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8270C-SIM										
Prep Method: EPA 3546										
1-Methylnaphthalene	ND		ug/Kg	42	6.4	4	338344	04/21/24	04/24/24	HQN
2-Methylnaphthalene	ND		ug/Kg	42	6.4	4	338344	04/21/24	04/24/24	HQN
Naphthalene	ND		ug/Kg	42	15	4	338344	04/21/24	04/24/24	HQN
Acenaphthylene	ND		ug/Kg	42	6.7	4	338344	04/21/24	04/24/24	HQN
Acenaphthene	ND		ug/Kg	42	4.4	4	338344	04/21/24	04/24/24	HQN
Fluorene	ND		ug/Kg	42	5.2	4	338344	04/21/24	04/24/24	HQN
Phenanthrene	ND		ug/Kg	42	9.2	4	338344	04/21/24	04/24/24	HQN
Anthracene	ND		ug/Kg	42	5.9	4	338344	04/21/24	04/24/24	HQN
Fluoranthene	ND		ug/Kg	42	14	4	338344	04/21/24	04/24/24	HQN
Pyrene	ND		ug/Kg	42	15	4	338344	04/21/24	04/24/24	HQN
Benzo(a)anthracene	ND		ug/Kg	42	4.5	4	338344	04/21/24	04/24/24	HQN
Chrysene	ND		ug/Kg	42	4.0	4	338344	04/21/24	04/24/24	HQN
Benzo(b)fluoranthene	ND		ug/Kg	42	3.9	4	338344	04/21/24	04/24/24	HQN
Benzo(k)fluoranthene	ND		ug/Kg	42	4.4	4	338344	04/21/24	04/24/24	HQN
Benzo(a)pyrene	ND		ug/Kg	42	5.6	4	338344	04/21/24	04/24/24	HQN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	42	6.4	4	338344	04/21/24	04/24/24	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	42	12	4	338344	04/21/24	04/24/24	HQN
Benzo(g,h,i)perylene	ND		ug/Kg	42	6.9	4	338344	04/21/24	04/24/24	HQN
Surrogates				Limits						
Nitrobenzene-d5	77%		%REC	27-125		4	338344	04/21/24	04/24/24	HQN
2-Fluorobiphenyl	80%		%REC	30-120		4	338344	04/21/24	04/24/24	HQN
Terphenyl-d14	80%		%REC	33-155		4	338344	04/21/24	04/24/24	HQN

Analysis Results for 506595

Sample ID: MS2-1	Lab ID: 506595-002	Collected: 04/16/24 15:45
	Matrix: Soil	Basis: Dry

506595-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	2		%	1		1	338380	04/22/24	04/23/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.0	1.2	0.99	338281	04/19/24	04/21/24	SBW
Arsenic	2.2		mg/Kg	1.0	0.60	0.99	338281	04/19/24	04/21/24	SBW
Barium	23		mg/Kg	1.0	0.36	0.99	338281	04/19/24	04/21/24	SBW
Beryllium	0.14	J	mg/Kg	0.51	0.011	0.99	338281	04/19/24	04/21/24	SBW
Cadmium	0.12	J	mg/Kg	0.51	0.046	0.99	338281	04/19/24	04/21/24	SBW
Chromium	9.5		mg/Kg	1.0	0.12	0.99	338281	04/19/24	04/21/24	SBW
Cobalt	2.6		mg/Kg	0.51	0.27	0.99	338281	04/19/24	04/21/24	SBW
Copper	10		mg/Kg	1.0	0.20	0.99	338281	04/19/24	04/21/24	SBW
Lead	44		mg/Kg	1.0	0.38	0.99	338281	04/19/24	04/21/24	SBW
Molybdenum	ND		mg/Kg	1.1	1.1	0.99	338281	04/19/24	04/21/24	SBW
Nickel	10		mg/Kg	1.0	0.17	0.99	338281	04/19/24	04/21/24	SBW
Selenium	ND		mg/Kg	3.0	0.85	0.99	338281	04/19/24	04/21/24	SBW
Silver	ND		mg/Kg	0.51	0.16	0.99	338281	04/19/24	04/21/24	SBW
Thallium	ND		mg/Kg	3.0	0.88	0.99	338281	04/19/24	04/21/24	SBW
Vanadium	16		mg/Kg	1.0	0.079	0.99	338281	04/19/24	04/21/24	SBW
Zinc	24		mg/Kg	5.1	0.37	0.99	338281	04/19/24	04/21/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.17	0.043	1.2	338363	04/22/24	04/22/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M										
GRO C6-C12	ND		mg/Kg	10		0.99	338322	04/20/24	04/22/24	TJW
DRO C10-C28	17		mg/Kg	10	3.5	0.99	338322	04/20/24	04/22/24	TJW
ORO C28-C44	44		mg/Kg	20	3.5	0.99	338322	04/20/24	04/22/24	TJW
Surrogates				Limits						
n-Triacontane	123%		%REC	70-130		0.99	338322	04/20/24	04/22/24	TJW
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.2	1.3	1	338342	04/21/24	04/23/24	KLR
beta-BHC	ND		ug/Kg	5.2	1.7	1	338342	04/21/24	04/23/24	KLR
gamma-BHC	ND		ug/Kg	5.2	1.1	1	338342	04/21/24	04/23/24	KLR
delta-BHC	ND		ug/Kg	5.2	1.4	1	338342	04/21/24	04/23/24	KLR
Heptachlor	ND		ug/Kg	5.2	1.5	1	338342	04/21/24	04/23/24	KLR
Aldrin	ND		ug/Kg	5.2	1.3	1	338342	04/21/24	04/23/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.2	1.9	1	338342	04/21/24	04/23/24	KLR
Endosulfan I	ND		ug/Kg	5.2	1.5	1	338342	04/21/24	04/23/24	KLR
Dieldrin	ND		ug/Kg	5.2	1.5	1	338342	04/21/24	04/23/24	KLR
4,4'-DDE	ND		ug/Kg	5.2	1.5	1	338342	04/21/24	04/23/24	KLR
Endrin	ND		ug/Kg	5.2	1.6	1	338342	04/21/24	04/23/24	KLR
Endosulfan II	ND		ug/Kg	5.2	1.6	1	338342	04/21/24	04/23/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.2	1.7	1	338342	04/21/24	04/23/24	KLR
4,4'-DDD	ND		ug/Kg	5.2	1.1	1	338342	04/21/24	04/23/24	KLR

Analysis Results for 506595

506595-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.2	1.7	1	338342	04/21/24	04/23/24	KLR
Endrin ketone	ND		ug/Kg	5.2	1.4	1	338342	04/21/24	04/23/24	KLR
4,4'-DDT	3.4	J	ug/Kg	5.2	1.5	1	338342	04/21/24	04/23/24	KLR
Methoxychlor	ND		ug/Kg	10	5.2	1	338342	04/21/24	04/23/24	KLR
Toxaphene	ND		ug/Kg	100	15	1	338342	04/21/24	04/23/24	KLR
Chlordane (Technical)	ND		ug/Kg	52	11	1	338342	04/21/24	04/23/24	KLR
Surrogates				Limits						
TCMX	101%		%REC	23-120		1	338342	04/21/24	04/23/24	KLR
Decachlorobiphenyl	90%		%REC	24-120		1	338342	04/21/24	04/23/24	KLR

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	52	15	1	338342	04/21/24	04/23/24	KLR
Aroclor-1221	ND		ug/Kg	52	23	1	338342	04/21/24	04/23/24	KLR
Aroclor-1232	ND		ug/Kg	52	19	1	338342	04/21/24	04/23/24	KLR
Aroclor-1242	ND		ug/Kg	52	18	1	338342	04/21/24	04/23/24	KLR
Aroclor-1248	ND		ug/Kg	52	22	1	338342	04/21/24	04/23/24	KLR
Aroclor-1254	ND		ug/Kg	52	6.8	1	338342	04/21/24	04/23/24	KLR
Aroclor-1260	ND		ug/Kg	52	25	1	338342	04/21/24	04/23/24	KLR
Aroclor-1262	ND		ug/Kg	52	17	1	338342	04/21/24	04/23/24	KLR
Aroclor-1268	ND		ug/Kg	52	14	1	338342	04/21/24	04/23/24	KLR

Surrogates

Limits

Decachlorobiphenyl (PCB)	89%		%REC	19-121		1	338342	04/21/24	04/23/24	KLR
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Method: EPA 8260B

Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	4.6	0.7	0.91	338583	04/24/24	04/24/24	EJB
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.6	1.5	0.91	338583	04/24/24	04/24/24	EJB
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.6	2.3	0.91	338583	04/24/24	04/24/24	EJB
Freon 12	ND		ug/Kg	4.6	1.6	0.91	338583	04/24/24	04/24/24	EJB
Chloromethane	ND		ug/Kg	4.6	2.1	0.91	338583	04/24/24	04/24/24	EJB
Vinyl Chloride	ND		ug/Kg	4.6	2.1	0.91	338583	04/24/24	04/24/24	EJB
Bromomethane	ND		ug/Kg	4.6	2.1	0.91	338583	04/24/24	04/24/24	EJB
Chloroethane	ND		ug/Kg	4.6	1.3	0.91	338583	04/24/24	04/24/24	EJB
Trichlorofluoromethane	ND		ug/Kg	4.6	1.3	0.91	338583	04/24/24	04/24/24	EJB
Acetone	ND		ug/Kg	93	56	0.91	338583	04/24/24	04/24/24	EJB
Freon 113	ND		ug/Kg	4.6	0.7	0.91	338583	04/24/24	04/24/24	EJB
1,1-Dichloroethene	ND		ug/Kg	4.6	1.2	0.91	338583	04/24/24	04/24/24	EJB
Methylene Chloride	ND		ug/Kg	4.6	3.4	0.91	338583	04/24/24	04/24/24	EJB
MTBE	ND		ug/Kg	4.6	0.9	0.91	338583	04/24/24	04/24/24	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	4.6	1.1	0.91	338583	04/24/24	04/24/24	EJB
1,1-Dichloroethane	ND		ug/Kg	4.6	1.6	0.91	338583	04/24/24	04/24/24	EJB
2-Butanone	ND		ug/Kg	93	6.8	0.91	338583	04/24/24	04/24/24	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	4.6	1.6	0.91	338583	04/24/24	04/24/24	EJB
2,2-Dichloropropane	ND		ug/Kg	4.6	0.9	0.91	338583	04/24/24	04/24/24	EJB
Chloroform	ND		ug/Kg	4.6	0.7	0.91	338583	04/24/24	04/24/24	EJB
Bromochloromethane	ND		ug/Kg	4.6	1.5	0.91	338583	04/24/24	04/24/24	EJB
1,1,1-Trichloroethane	ND		ug/Kg	4.6	1.2	0.91	338583	04/24/24	04/24/24	EJB
1,1-Dichloropropene	ND		ug/Kg	4.6	1.2	0.91	338583	04/24/24	04/24/24	EJB
Carbon Tetrachloride	ND		ug/Kg	4.6	1.4	0.91	338583	04/24/24	04/24/24	EJB
1,2-Dichloroethane	ND		ug/Kg	4.6	1.1	0.91	338583	04/24/24	04/24/24	EJB
Benzene	ND		ug/Kg	4.6	1.1	0.91	338583	04/24/24	04/24/24	EJB
Trichloroethene	ND		ug/Kg	4.6	0.8	0.91	338583	04/24/24	04/24/24	EJB

Analysis Results for 506595

506595-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloropropane	ND		ug/Kg	4.6	2.2	0.91	338583	04/24/24	04/24/24	EJB
Bromodichloromethane	ND		ug/Kg	4.6	1.2	0.91	338583	04/24/24	04/24/24	EJB
Dibromomethane	ND		ug/Kg	4.6	1.6	0.91	338583	04/24/24	04/24/24	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	4.6	1.9	0.91	338583	04/24/24	04/24/24	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	4.6	0.8	0.91	338583	04/24/24	04/24/24	EJB
Toluene	ND		ug/Kg	4.6	1.2	0.91	338583	04/24/24	04/24/24	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	4.6	0.7	0.91	338583	04/24/24	04/24/24	EJB
1,1,2-Trichloroethane	ND		ug/Kg	4.6	1.7	0.91	338583	04/24/24	04/24/24	EJB
1,3-Dichloropropane	ND		ug/Kg	4.6	1.3	0.91	338583	04/24/24	04/24/24	EJB
Tetrachloroethene	ND		ug/Kg	4.6	1.1	0.91	338583	04/24/24	04/24/24	EJB
Dibromochloromethane	ND		ug/Kg	4.6	0.9	0.91	338583	04/24/24	04/24/24	EJB
1,2-Dibromoethane	ND		ug/Kg	4.6	1.2	0.91	338583	04/24/24	04/24/24	EJB
Chlorobenzene	ND		ug/Kg	4.6	0.7	0.91	338583	04/24/24	04/24/24	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.6	1.0	0.91	338583	04/24/24	04/24/24	EJB
Ethylbenzene	ND		ug/Kg	4.6	0.8	0.91	338583	04/24/24	04/24/24	EJB
m,p-Xylenes	ND		ug/Kg	9.3	1.8	0.91	338583	04/24/24	04/24/24	EJB
o-Xylene	ND		ug/Kg	4.6	0.9	0.91	338583	04/24/24	04/24/24	EJB
Styrene	ND		ug/Kg	4.6	1.0	0.91	338583	04/24/24	04/24/24	EJB
Bromoform	ND		ug/Kg	4.6	0.6	0.91	338583	04/24/24	04/24/24	EJB
Isopropylbenzene	ND		ug/Kg	4.6	0.6	0.91	338583	04/24/24	04/24/24	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.6	1.9	0.91	338583	04/24/24	04/24/24	EJB
1,2,3-Trichloropropane	ND		ug/Kg	4.6	1.4	0.91	338583	04/24/24	04/24/24	EJB
Propylbenzene	ND		ug/Kg	4.6	0.7	0.91	338583	04/24/24	04/24/24	EJB
Bromobenzene	ND		ug/Kg	4.6	1.0	0.91	338583	04/24/24	04/24/24	EJB
1,3,5-Trimethylbenzene	ND		ug/Kg	4.6	0.6	0.91	338583	04/24/24	04/24/24	EJB
2-Chlorotoluene	ND		ug/Kg	4.6	1.2	0.91	338583	04/24/24	04/24/24	EJB
4-Chlorotoluene	ND		ug/Kg	4.6	1.0	0.91	338583	04/24/24	04/24/24	EJB
tert-Butylbenzene	ND		ug/Kg	4.6	0.6	0.91	338583	04/24/24	04/24/24	EJB
1,2,4-Trimethylbenzene	ND		ug/Kg	4.6	0.7	0.91	338583	04/24/24	04/24/24	EJB
sec-Butylbenzene	ND		ug/Kg	4.6	0.6	0.91	338583	04/24/24	04/24/24	EJB
para-Isopropyl Toluene	ND		ug/Kg	4.6	0.6	0.91	338583	04/24/24	04/24/24	EJB
1,3-Dichlorobenzene	ND		ug/Kg	4.6	1.3	0.91	338583	04/24/24	04/24/24	EJB
1,4-Dichlorobenzene	ND		ug/Kg	4.6	1.1	0.91	338583	04/24/24	04/24/24	EJB
n-Butylbenzene	ND		ug/Kg	4.6	0.9	0.91	338583	04/24/24	04/24/24	EJB
1,2-Dichlorobenzene	ND		ug/Kg	4.6	0.8	0.91	338583	04/24/24	04/24/24	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.6	1.6	0.91	338583	04/24/24	04/24/24	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	4.6	1.2	0.91	338583	04/24/24	04/24/24	EJB
Hexachlorobutadiene	ND		ug/Kg	4.6	1.1	0.91	338583	04/24/24	04/24/24	EJB
Naphthalene	ND		ug/Kg	4.6	1.2	0.91	338583	04/24/24	04/24/24	EJB
1,2,3-Trichlorobenzene	ND		ug/Kg	4.6	0.6	0.91	338583	04/24/24	04/24/24	EJB
Xylene (total)	ND		ug/Kg	4.6		0.91	338583	04/24/24	04/24/24	EJB
Surrogates				Limits						
Dibromofluoromethane	96%		%REC	70-145		0.91	338583	04/24/24	04/24/24	EJB
1,2-Dichloroethane-d4	106%		%REC	70-145		0.91	338583	04/24/24	04/24/24	EJB
Toluene-d8	98%		%REC	70-145		0.91	338583	04/24/24	04/24/24	EJB
Bromofluorobenzene	109%		%REC	70-145		0.91	338583	04/24/24	04/24/24	EJB
Method: EPA 8270C-SIM Prep Method: EPA 3546										
1-Methylnaphthalene	ND		ug/Kg	20	3.1	2	338344	04/21/24	04/24/24	HQN
2-Methylnaphthalene	ND		ug/Kg	20	3.1	2	338344	04/21/24	04/24/24	HQN
Naphthalene	ND		ug/Kg	20	7.3	2	338344	04/21/24	04/24/24	HQN
Acenaphthylene	ND		ug/Kg	20	3.2	2	338344	04/21/24	04/24/24	HQN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 506595

506595-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	20	2.1	2	338344	04/21/24	04/24/24	HQN
Fluorene	ND		ug/Kg	20	2.5	2	338344	04/21/24	04/24/24	HQN
Phenanthrene	ND		ug/Kg	20	4.5	2	338344	04/21/24	04/24/24	HQN
Anthracene	ND		ug/Kg	20	2.9	2	338344	04/21/24	04/24/24	HQN
Fluoranthene	ND		ug/Kg	20	6.9	2	338344	04/21/24	04/24/24	HQN
Pyrene	ND		ug/Kg	20	7.4	2	338344	04/21/24	04/24/24	HQN
Benzo(a)anthracene	ND		ug/Kg	20	2.2	2	338344	04/21/24	04/24/24	HQN
Chrysene	3.2	J	ug/Kg	20	2.0	2	338344	04/21/24	04/24/24	HQN
Benzo(b)fluoranthene	4.6	J	ug/Kg	20	1.9	2	338344	04/21/24	04/24/24	HQN
Benzo(k)fluoranthene	ND		ug/Kg	20	2.1	2	338344	04/21/24	04/24/24	HQN
Benzo(a)pyrene	ND		ug/Kg	20	2.7	2	338344	04/21/24	04/24/24	HQN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	20	3.1	2	338344	04/21/24	04/24/24	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	20	5.7	2	338344	04/21/24	04/24/24	HQN
Benzo(g,h,i)perylene	5.5	J,b	ug/Kg	20	3.4	2	338344	04/21/24	04/24/24	HQN
Surrogates				Limits						
Nitrobenzene-d5	88%		%REC	27-125		10	338344	04/21/24	04/25/24	HQN
2-Fluorobiphenyl	81%		%REC	30-120		10	338344	04/21/24	04/25/24	HQN
Terphenyl-d14	83%		%REC	33-155		10	338344	04/21/24	04/25/24	HQN

Analysis Results for 506595

Sample ID: MS3-2	Lab ID: 506595-003	Collected: 04/16/24 15:22
	Matrix: Soil	Basis: Dry

506595-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	3		%	1		1	338380	04/22/24	04/23/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.1	1.2	0.99	338281	04/19/24	04/21/24	SBW
Arsenic	6.4		mg/Kg	1.0	0.60	0.99	338281	04/19/24	04/21/24	SBW
Barium	25		mg/Kg	1.0	0.36	0.99	338281	04/19/24	04/21/24	SBW
Beryllium	0.15	J	mg/Kg	0.51	0.011	0.99	338281	04/19/24	04/21/24	SBW
Cadmium	0.14	J	mg/Kg	0.51	0.047	0.99	338281	04/19/24	04/21/24	SBW
Chromium	13		mg/Kg	1.0	0.12	0.99	338281	04/19/24	04/21/24	SBW
Cobalt	3.6		mg/Kg	0.51	0.28	0.99	338281	04/19/24	04/21/24	SBW
Copper	24		mg/Kg	1.0	0.21	0.99	338281	04/19/24	04/21/24	SBW
Lead	40		mg/Kg	1.0	0.39	0.99	338281	04/19/24	04/21/24	SBW
Molybdenum	ND		mg/Kg	1.1	1.1	0.99	338281	04/19/24	04/21/24	SBW
Nickel	11		mg/Kg	1.0	0.17	0.99	338281	04/19/24	04/21/24	SBW
Selenium	ND		mg/Kg	3.1	0.86	0.99	338281	04/19/24	04/21/24	SBW
Silver	ND		mg/Kg	0.51	0.16	0.99	338281	04/19/24	04/21/24	SBW
Thallium	ND		mg/Kg	3.1	0.89	0.99	338281	04/19/24	04/21/24	SBW
Vanadium	27		mg/Kg	1.0	0.080	0.99	338281	04/19/24	04/21/24	SBW
Zinc	32		mg/Kg	5.1	0.38	0.99	338281	04/19/24	04/21/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.16	0.040	1.1	338363	04/22/24	04/22/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M										
GRO C6-C12	ND		mg/Kg	10		0.99	338322	04/20/24	04/22/24	TJW
DRO C10-C28	67		mg/Kg	10	3.6	0.99	338322	04/20/24	04/22/24	TJW
ORO C28-C44	81		mg/Kg	20	3.6	0.99	338322	04/20/24	04/22/24	TJW
Surrogates				Limits						
n-Triacontane	129%		%REC	70-130		0.99	338322	04/20/24	04/22/24	TJW
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.1	1.2	0.98	338342	04/21/24	04/23/24	KLR
beta-BHC	ND		ug/Kg	5.1	1.7	0.98	338342	04/21/24	04/23/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1.1	0.98	338342	04/21/24	04/23/24	KLR
delta-BHC	ND		ug/Kg	5.1	1.4	0.98	338342	04/21/24	04/23/24	KLR
Heptachlor	ND		ug/Kg	5.1	1.5	0.98	338342	04/21/24	04/23/24	KLR
Aldrin	ND		ug/Kg	5.1	1.3	0.98	338342	04/21/24	04/23/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1.8	0.98	338342	04/21/24	04/23/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1.4	0.98	338342	04/21/24	04/23/24	KLR
Dieldrin	ND		ug/Kg	5.1	1.4	0.98	338342	04/21/24	04/23/24	KLR
4,4'-DDE	2.2	J	ug/Kg	5.1	1.5	0.98	338342	04/21/24	04/23/24	KLR
Endrin	ND		ug/Kg	5.1	1.6	0.98	338342	04/21/24	04/23/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1.6	0.98	338342	04/21/24	04/23/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1.6	0.98	338342	04/21/24	04/23/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1.1	0.98	338342	04/21/24	04/23/24	KLR

Analysis Results for 506595

506595-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.1	1.7	0.98	338342	04/21/24	04/23/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1.4	0.98	338342	04/21/24	04/23/24	KLR
4,4'-DDT	4.0	J	ug/Kg	5.1	1.5	0.98	338342	04/21/24	04/23/24	KLR
Methoxychlor	ND		ug/Kg	10	5.1	0.98	338342	04/21/24	04/23/24	KLR
Toxaphene	ND		ug/Kg	100	15	0.98	338342	04/21/24	04/23/24	KLR
Chlordane (Technical)	ND		ug/Kg	51	11	0.98	338342	04/21/24	04/23/24	KLR
Surrogates	Limits									
TCMX	87%		%REC	23-120		0.98	338342	04/21/24	04/23/24	KLR
Decachlorobiphenyl	88%		%REC	24-120		0.98	338342	04/21/24	04/23/24	KLR

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	51	15	0.98	338342	04/21/24	04/23/24	KLR
Aroclor-1221	ND		ug/Kg	51	23	0.98	338342	04/21/24	04/23/24	KLR
Aroclor-1232	ND		ug/Kg	51	19	0.98	338342	04/21/24	04/23/24	KLR
Aroclor-1242	ND		ug/Kg	51	18	0.98	338342	04/21/24	04/23/24	KLR
Aroclor-1248	ND		ug/Kg	51	21	0.98	338342	04/21/24	04/23/24	KLR
Aroclor-1254	ND		ug/Kg	51	6.6	0.98	338342	04/21/24	04/23/24	KLR
Aroclor-1260	ND		ug/Kg	51	25	0.98	338342	04/21/24	04/23/24	KLR
Aroclor-1262	ND		ug/Kg	51	17	0.98	338342	04/21/24	04/23/24	KLR
Aroclor-1268	ND		ug/Kg	51	14	0.98	338342	04/21/24	04/23/24	KLR

Surrogates

Limits

Decachlorobiphenyl (PCB)	88%		%REC	19-121		0.98	338342	04/21/24	04/23/24	KLR
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Method: EPA 8260B

Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	5.0	0.8	0.97	338583	04/24/24	04/24/24	EJB
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1.6	0.97	338583	04/24/24	04/24/24	EJB
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	2.4	0.97	338583	04/24/24	04/24/24	EJB
Freon 12	ND		ug/Kg	5.0	1.7	0.97	338583	04/24/24	04/24/24	EJB
Chloromethane	ND		ug/Kg	5.0	2.3	0.97	338583	04/24/24	04/24/24	EJB
Vinyl Chloride	ND		ug/Kg	5.0	2.2	0.97	338583	04/24/24	04/24/24	EJB
Bromomethane	ND		ug/Kg	5.0	2.2	0.97	338583	04/24/24	04/24/24	EJB
Chloroethane	ND		ug/Kg	5.0	1.4	0.97	338583	04/24/24	04/24/24	EJB
Trichlorofluoromethane	ND		ug/Kg	5.0	1.4	0.97	338583	04/24/24	04/24/24	EJB
Acetone	130		ug/Kg	100	60	0.97	338583	04/24/24	04/24/24	EJB
Freon 113	ND		ug/Kg	5.0	0.8	0.97	338583	04/24/24	04/24/24	EJB
1,1-Dichloroethene	ND		ug/Kg	5.0	1.3	0.97	338583	04/24/24	04/24/24	EJB
Methylene Chloride	ND		ug/Kg	5.0	3.6	0.97	338583	04/24/24	04/24/24	EJB
MTBE	ND		ug/Kg	5.0	0.9	0.97	338583	04/24/24	04/24/24	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1.2	0.97	338583	04/24/24	04/24/24	EJB
1,1-Dichloroethane	ND		ug/Kg	5.0	1.7	0.97	338583	04/24/24	04/24/24	EJB
2-Butanone	11	J	ug/Kg	100	7.3	0.97	338583	04/24/24	04/24/24	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1.7	0.97	338583	04/24/24	04/24/24	EJB
2,2-Dichloropropane	ND		ug/Kg	5.0	0.9	0.97	338583	04/24/24	04/24/24	EJB
Chloroform	ND		ug/Kg	5.0	0.8	0.97	338583	04/24/24	04/24/24	EJB
Bromochloromethane	ND		ug/Kg	5.0	1.6	0.97	338583	04/24/24	04/24/24	EJB
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1.2	0.97	338583	04/24/24	04/24/24	EJB
1,1-Dichloropropene	ND		ug/Kg	5.0	1.2	0.97	338583	04/24/24	04/24/24	EJB
Carbon Tetrachloride	ND		ug/Kg	5.0	1.5	0.97	338583	04/24/24	04/24/24	EJB
1,2-Dichloroethane	ND		ug/Kg	5.0	1.2	0.97	338583	04/24/24	04/24/24	EJB
Benzene	1.7	J	ug/Kg	5.0	1.1	0.97	338583	04/24/24	04/24/24	EJB
Trichloroethene	ND		ug/Kg	5.0	0.8	0.97	338583	04/24/24	04/24/24	EJB

Analysis Results for 506595

506595-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloropropane	ND		ug/Kg	5.0	2.3	0.97	338583	04/24/24	04/24/24	EJB
Bromodichloromethane	ND		ug/Kg	5.0	1.3	0.97	338583	04/24/24	04/24/24	EJB
Dibromomethane	ND		ug/Kg	5.0	1.7	0.97	338583	04/24/24	04/24/24	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	2.1	0.97	338583	04/24/24	04/24/24	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	0.9	0.97	338583	04/24/24	04/24/24	EJB
Toluene	2.0	J	ug/Kg	5.0	1.3	0.97	338583	04/24/24	04/24/24	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	0.7	0.97	338583	04/24/24	04/24/24	EJB
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1.8	0.97	338583	04/24/24	04/24/24	EJB
1,3-Dichloropropane	ND		ug/Kg	5.0	1.4	0.97	338583	04/24/24	04/24/24	EJB
Tetrachloroethene	ND		ug/Kg	5.0	1.1	0.97	338583	04/24/24	04/24/24	EJB
Dibromochloromethane	ND		ug/Kg	5.0	0.9	0.97	338583	04/24/24	04/24/24	EJB
1,2-Dibromoethane	ND		ug/Kg	5.0	1.3	0.97	338583	04/24/24	04/24/24	EJB
Chlorobenzene	ND		ug/Kg	5.0	0.8	0.97	338583	04/24/24	04/24/24	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1.1	0.97	338583	04/24/24	04/24/24	EJB
Ethylbenzene	ND		ug/Kg	5.0	0.9	0.97	338583	04/24/24	04/24/24	EJB
m,p-Xylenes	ND		ug/Kg	10	1.9	0.97	338583	04/24/24	04/24/24	EJB
o-Xylene	ND		ug/Kg	5.0	1.0	0.97	338583	04/24/24	04/24/24	EJB
Styrene	ND		ug/Kg	5.0	1.1	0.97	338583	04/24/24	04/24/24	EJB
Bromoform	ND		ug/Kg	5.0	0.7	0.97	338583	04/24/24	04/24/24	EJB
Isopropylbenzene	ND		ug/Kg	5.0	0.7	0.97	338583	04/24/24	04/24/24	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	2.1	0.97	338583	04/24/24	04/24/24	EJB
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1.5	0.97	338583	04/24/24	04/24/24	EJB
Propylbenzene	ND		ug/Kg	5.0	0.7	0.97	338583	04/24/24	04/24/24	EJB
Bromobenzene	ND		ug/Kg	5.0	1.1	0.97	338583	04/24/24	04/24/24	EJB
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	0.6	0.97	338583	04/24/24	04/24/24	EJB
2-Chlorotoluene	ND		ug/Kg	5.0	1.3	0.97	338583	04/24/24	04/24/24	EJB
4-Chlorotoluene	ND		ug/Kg	5.0	1.1	0.97	338583	04/24/24	04/24/24	EJB
tert-Butylbenzene	ND		ug/Kg	5.0	0.6	0.97	338583	04/24/24	04/24/24	EJB
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	0.8	0.97	338583	04/24/24	04/24/24	EJB
sec-Butylbenzene	ND		ug/Kg	5.0	0.7	0.97	338583	04/24/24	04/24/24	EJB
para-Isopropyl Toluene	8.2		ug/Kg	5.0	0.7	0.97	338583	04/24/24	04/24/24	EJB
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1.4	0.97	338583	04/24/24	04/24/24	EJB
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1.1	0.97	338583	04/24/24	04/24/24	EJB
n-Butylbenzene	ND		ug/Kg	5.0	0.9	0.97	338583	04/24/24	04/24/24	EJB
1,2-Dichlorobenzene	ND		ug/Kg	5.0	0.8	0.97	338583	04/24/24	04/24/24	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1.7	0.97	338583	04/24/24	04/24/24	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1.3	0.97	338583	04/24/24	04/24/24	EJB
Hexachlorobutadiene	ND		ug/Kg	5.0	1.2	0.97	338583	04/24/24	04/24/24	EJB
Naphthalene	ND		ug/Kg	5.0	1.3	0.97	338583	04/24/24	04/24/24	EJB
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	0.7	0.97	338583	04/24/24	04/24/24	EJB
Xylene (total)	ND		ug/Kg	5.0		0.97	338583	04/24/24	04/24/24	EJB

Surrogates	Limits									
Dibromofluoromethane	97%	%REC	70-145		0.97	338583	04/24/24	04/24/24	EJB	
1,2-Dichloroethane-d4	108%	%REC	70-145		0.97	338583	04/24/24	04/24/24	EJB	
Toluene-d8	102%	%REC	70-145		0.97	338583	04/24/24	04/24/24	EJB	
Bromofluorobenzene	110%	%REC	70-145		0.97	338583	04/24/24	04/24/24	EJB	

Method: EPA 8270C-SIM
Prep Method: EPA 3546

1-Methylnaphthalene	29		ug/Kg	21	3.1	2	338344	04/21/24	04/24/24	HQN
2-Methylnaphthalene	31		ug/Kg	21	3.1	2	338344	04/21/24	04/24/24	HQN
Naphthalene	23		ug/Kg	21	7.4	2	338344	04/21/24	04/24/24	HQN
Acenaphthylene	ND		ug/Kg	21	3.3	2	338344	04/21/24	04/24/24	HQN

Analysis Results for 506595

506595-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	21	2.1	2	338344	04/21/24	04/24/24	HQN
Fluorene	ND		ug/Kg	21	2.6	2	338344	04/21/24	04/24/24	HQN
Phenanthrene	17	J	ug/Kg	21	4.5	2	338344	04/21/24	04/24/24	HQN
Anthracene	4.2	J	ug/Kg	21	2.9	2	338344	04/21/24	04/24/24	HQN
Fluoranthene	9.0	J	ug/Kg	21	6.9	2	338344	04/21/24	04/24/24	HQN
Pyrene	10	J	ug/Kg	21	7.5	2	338344	04/21/24	04/24/24	HQN
Benzo(a)anthracene	3.8	J	ug/Kg	21	2.2	2	338344	04/21/24	04/24/24	HQN
Chrysene	8.0	J	ug/Kg	21	2.0	2	338344	04/21/24	04/24/24	HQN
Benzo(b)fluoranthene	9.2	J	ug/Kg	21	1.9	2	338344	04/21/24	04/24/24	HQN
Benzo(k)fluoranthene	ND		ug/Kg	21	2.2	2	338344	04/21/24	04/24/24	HQN
Benzo(a)pyrene	3.5	J	ug/Kg	21	2.8	2	338344	04/21/24	04/24/24	HQN
Indeno(1,2,3-cd)pyrene	4.3	J,b	ug/Kg	21	3.2	2	338344	04/21/24	04/24/24	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	21	5.8	2	338344	04/21/24	04/24/24	HQN
Benzo(g,h,i)perylene	8.5	J,b	ug/Kg	21	3.4	2	338344	04/21/24	04/24/24	HQN
Surrogates				Limits						
Nitrobenzene-d5	83%		%REC	27-125		10	338344	04/21/24	04/25/24	HQN
2-Fluorobiphenyl	77%		%REC	30-120		10	338344	04/21/24	04/25/24	HQN
Terphenyl-d14	76%		%REC	33-155		10	338344	04/21/24	04/25/24	HQN

Analysis Results for 506595

Sample ID: MS4-0.5	Lab ID: 506595-004	Collected: 04/16/24 15:31
	Matrix: Soil	Basis: Dry

506595-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	4		%	1		1	338380	04/22/24	04/23/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.0	1.2	0.97	338281	04/19/24	04/21/24	SBW
Arsenic	1.8		mg/Kg	1.0	0.60	0.97	338281	04/19/24	04/21/24	SBW
Barium	12		mg/Kg	1.0	0.36	0.97	338281	04/19/24	04/21/24	SBW
Beryllium	0.15	J	mg/Kg	0.51	0.011	0.97	338281	04/19/24	04/21/24	SBW
Cadmium	0.047	J	mg/Kg	0.51	0.046	0.97	338281	04/19/24	04/21/24	SBW
Chromium	9.0		mg/Kg	1.0	0.12	0.97	338281	04/19/24	04/21/24	SBW
Cobalt	1.6		mg/Kg	0.51	0.27	0.97	338281	04/19/24	04/21/24	SBW
Copper	1.8		mg/Kg	1.0	0.20	0.97	338281	04/19/24	04/21/24	SBW
Lead	1.5		mg/Kg	1.0	0.38	0.97	338281	04/19/24	04/21/24	SBW
Molybdenum	ND		mg/Kg	1.1	1.1	0.97	338281	04/19/24	04/21/24	SBW
Nickel	8.1		mg/Kg	1.0	0.17	0.97	338281	04/19/24	04/21/24	SBW
Selenium	ND		mg/Kg	3.0	0.85	0.97	338281	04/19/24	04/21/24	SBW
Silver	ND		mg/Kg	0.51	0.16	0.97	338281	04/19/24	04/21/24	SBW
Thallium	ND		mg/Kg	3.0	0.88	0.97	338281	04/19/24	04/21/24	SBW
Vanadium	9.2		mg/Kg	1.0	0.079	0.97	338281	04/19/24	04/21/24	SBW
Zinc	11		mg/Kg	5.1	0.37	0.97	338281	04/19/24	04/21/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.15	0.037	1	338363	04/22/24	04/22/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M										
GRO C6-C12	ND		mg/Kg	10		1	338322	04/20/24	04/22/24	TJW
DRO C10-C28	4.1	J	mg/Kg	10	3.6	1	338322	04/20/24	04/22/24	TJW
ORO C28-C44	5.1	J	mg/Kg	21	3.6	1	338322	04/20/24	04/22/24	TJW
Surrogates				Limits						
n-Triacontane	114%		%REC	70-130		1	338322	04/20/24	04/22/24	TJW
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.2	1.3	0.99	338342	04/21/24	04/23/24	KLR
beta-BHC	ND		ug/Kg	5.2	1.7	0.99	338342	04/21/24	04/23/24	KLR
gamma-BHC	ND		ug/Kg	5.2	1.1	0.99	338342	04/21/24	04/23/24	KLR
delta-BHC	ND		ug/Kg	5.2	1.4	0.99	338342	04/21/24	04/23/24	KLR
Heptachlor	ND		ug/Kg	5.2	1.6	0.99	338342	04/21/24	04/23/24	KLR
Aldrin	ND		ug/Kg	5.2	1.3	0.99	338342	04/21/24	04/23/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.2	1.9	0.99	338342	04/21/24	04/23/24	KLR
Endosulfan I	ND		ug/Kg	5.2	1.5	0.99	338342	04/21/24	04/23/24	KLR
Dieldrin	ND		ug/Kg	5.2	1.5	0.99	338342	04/21/24	04/23/24	KLR
4,4'-DDE	ND		ug/Kg	5.2	1.5	0.99	338342	04/21/24	04/23/24	KLR
Endrin	ND		ug/Kg	5.2	1.6	0.99	338342	04/21/24	04/23/24	KLR
Endosulfan II	ND		ug/Kg	5.2	1.6	0.99	338342	04/21/24	04/23/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.2	1.7	0.99	338342	04/21/24	04/23/24	KLR
4,4'-DDD	ND		ug/Kg	5.2	1.1	0.99	338342	04/21/24	04/23/24	KLR

Analysis Results for 506595

506595-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.2	1.7	0.99	338342	04/21/24	04/23/24	KLR
Endrin ketone	ND		ug/Kg	5.2	1.4	0.99	338342	04/21/24	04/23/24	KLR
4,4'-DDT	ND		ug/Kg	5.2	1.5	0.99	338342	04/21/24	04/23/24	KLR
Methoxychlor	ND		ug/Kg	10	5.2	0.99	338342	04/21/24	04/23/24	KLR
Toxaphene	ND		ug/Kg	100	15	0.99	338342	04/21/24	04/23/24	KLR
Chlordane (Technical)	ND		ug/Kg	52	11	0.99	338342	04/21/24	04/23/24	KLR
Surrogates				Limits						
TCMX	99%		%REC	23-120		0.99	338342	04/21/24	04/23/24	KLR
Decachlorobiphenyl	84%		%REC	24-120		0.99	338342	04/21/24	04/23/24	KLR

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	52	15	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1221	ND		ug/Kg	52	23	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1232	ND		ug/Kg	52	19	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1242	ND		ug/Kg	52	18	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1248	ND		ug/Kg	52	22	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1254	ND		ug/Kg	52	6.8	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1260	ND		ug/Kg	52	25	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1262	ND		ug/Kg	52	17	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1268	ND		ug/Kg	52	14	0.99	338342	04/21/24	04/23/24	KLR

Surrogates

Limits

Decachlorobiphenyl (PCB)	87%		%REC	19-121		0.99	338342	04/21/24	04/23/24	KLR
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Method: EPA 8260B

Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	4.2	0.7	0.8	338583	04/24/24	04/24/24	EJB
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.2	1.3	0.8	338583	04/24/24	04/24/24	EJB
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.2	2.0	0.8	338583	04/24/24	04/24/24	EJB
Freon 12	ND		ug/Kg	4.2	1.5	0.8	338583	04/24/24	04/24/24	EJB
Chloromethane	ND		ug/Kg	4.2	1.9	0.8	338583	04/24/24	04/24/24	EJB
Vinyl Chloride	ND		ug/Kg	4.2	1.9	0.8	338583	04/24/24	04/24/24	EJB
Bromomethane	ND		ug/Kg	4.2	1.9	0.8	338583	04/24/24	04/24/24	EJB
Chloroethane	ND		ug/Kg	4.2	1.1	0.8	338583	04/24/24	04/24/24	EJB
Trichlorofluoromethane	ND		ug/Kg	4.2	1.2	0.8	338583	04/24/24	04/24/24	EJB
Acetone	ND		ug/Kg	84	51	0.8	338583	04/24/24	04/24/24	EJB
Freon 113	ND		ug/Kg	4.2	0.7	0.8	338583	04/24/24	04/24/24	EJB
1,1-Dichloroethene	ND		ug/Kg	4.2	1.1	0.8	338583	04/24/24	04/24/24	EJB
Methylene Chloride	ND		ug/Kg	4.2	3.1	0.8	338583	04/24/24	04/24/24	EJB
MTBE	ND		ug/Kg	4.2	0.8	0.8	338583	04/24/24	04/24/24	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	4.2	1.0	0.8	338583	04/24/24	04/24/24	EJB
1,1-Dichloroethane	ND		ug/Kg	4.2	1.5	0.8	338583	04/24/24	04/24/24	EJB
2-Butanone	ND		ug/Kg	84	6.1	0.8	338583	04/24/24	04/24/24	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	4.2	1.4	0.8	338583	04/24/24	04/24/24	EJB
2,2-Dichloropropane	ND		ug/Kg	4.2	0.8	0.8	338583	04/24/24	04/24/24	EJB
Chloroform	ND		ug/Kg	4.2	0.6	0.8	338583	04/24/24	04/24/24	EJB
Bromochloromethane	ND		ug/Kg	4.2	1.4	0.8	338583	04/24/24	04/24/24	EJB
1,1,1-Trichloroethane	ND		ug/Kg	4.2	1.0	0.8	338583	04/24/24	04/24/24	EJB
1,1-Dichloropropene	ND		ug/Kg	4.2	1.0	0.8	338583	04/24/24	04/24/24	EJB
Carbon Tetrachloride	ND		ug/Kg	4.2	1.3	0.8	338583	04/24/24	04/24/24	EJB
1,2-Dichloroethane	ND		ug/Kg	4.2	1.0	0.8	338583	04/24/24	04/24/24	EJB
Benzene	ND		ug/Kg	4.2	1.0	0.8	338583	04/24/24	04/24/24	EJB
Trichloroethene	ND		ug/Kg	4.2	0.7	0.8	338583	04/24/24	04/24/24	EJB

Analysis Results for 506595

506595-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloropropane	ND		ug/Kg	4.2	2.0	0.8	338583	04/24/24	04/24/24	EJB
Bromodichloromethane	ND		ug/Kg	4.2	1.1	0.8	338583	04/24/24	04/24/24	EJB
Dibromomethane	ND		ug/Kg	4.2	1.5	0.8	338583	04/24/24	04/24/24	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	4.2	1.7	0.8	338583	04/24/24	04/24/24	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	4.2	0.7	0.8	338583	04/24/24	04/24/24	EJB
Toluene	ND		ug/Kg	4.2	1.1	0.8	338583	04/24/24	04/24/24	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	4.2	0.6	0.8	338583	04/24/24	04/24/24	EJB
1,1,2-Trichloroethane	ND		ug/Kg	4.2	1.5	0.8	338583	04/24/24	04/24/24	EJB
1,3-Dichloropropane	ND		ug/Kg	4.2	1.1	0.8	338583	04/24/24	04/24/24	EJB
Tetrachloroethene	ND		ug/Kg	4.2	0.9	0.8	338583	04/24/24	04/24/24	EJB
Dibromochloromethane	ND		ug/Kg	4.2	0.8	0.8	338583	04/24/24	04/24/24	EJB
1,2-Dibromoethane	ND		ug/Kg	4.2	1.1	0.8	338583	04/24/24	04/24/24	EJB
Chlorobenzene	ND		ug/Kg	4.2	0.6	0.8	338583	04/24/24	04/24/24	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.2	0.9	0.8	338583	04/24/24	04/24/24	EJB
Ethylbenzene	ND		ug/Kg	4.2	0.7	0.8	338583	04/24/24	04/24/24	EJB
m,p-Xylenes	ND		ug/Kg	8.4	1.6	0.8	338583	04/24/24	04/24/24	EJB
o-Xylene	ND		ug/Kg	4.2	0.8	0.8	338583	04/24/24	04/24/24	EJB
Styrene	ND		ug/Kg	4.2	0.9	0.8	338583	04/24/24	04/24/24	EJB
Bromoform	ND		ug/Kg	4.2	0.6	0.8	338583	04/24/24	04/24/24	EJB
Isopropylbenzene	ND		ug/Kg	4.2	0.6	0.8	338583	04/24/24	04/24/24	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.2	1.8	0.8	338583	04/24/24	04/24/24	EJB
1,2,3-Trichloropropane	ND		ug/Kg	4.2	1.3	0.8	338583	04/24/24	04/24/24	EJB
Propylbenzene	ND		ug/Kg	4.2	0.6	0.8	338583	04/24/24	04/24/24	EJB
Bromobenzene	ND		ug/Kg	4.2	0.9	0.8	338583	04/24/24	04/24/24	EJB
1,3,5-Trimethylbenzene	ND		ug/Kg	4.2	0.5	0.8	338583	04/24/24	04/24/24	EJB
2-Chlorotoluene	ND		ug/Kg	4.2	1.1	0.8	338583	04/24/24	04/24/24	EJB
4-Chlorotoluene	ND		ug/Kg	4.2	0.9	0.8	338583	04/24/24	04/24/24	EJB
tert-Butylbenzene	ND		ug/Kg	4.2	0.5	0.8	338583	04/24/24	04/24/24	EJB
1,2,4-Trimethylbenzene	ND		ug/Kg	4.2	0.7	0.8	338583	04/24/24	04/24/24	EJB
sec-Butylbenzene	ND		ug/Kg	4.2	0.6	0.8	338583	04/24/24	04/24/24	EJB
para-Isopropyl Toluene	ND		ug/Kg	4.2	0.5	0.8	338583	04/24/24	04/24/24	EJB
1,3-Dichlorobenzene	ND		ug/Kg	4.2	1.2	0.8	338583	04/24/24	04/24/24	EJB
1,4-Dichlorobenzene	ND		ug/Kg	4.2	1.0	0.8	338583	04/24/24	04/24/24	EJB
n-Butylbenzene	ND		ug/Kg	4.2	0.8	0.8	338583	04/24/24	04/24/24	EJB
1,2-Dichlorobenzene	ND		ug/Kg	4.2	0.7	0.8	338583	04/24/24	04/24/24	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.2	1.4	0.8	338583	04/24/24	04/24/24	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	4.2	1.1	0.8	338583	04/24/24	04/24/24	EJB
Hexachlorobutadiene	ND		ug/Kg	4.2	1.0	0.8	338583	04/24/24	04/24/24	EJB
Naphthalene	ND		ug/Kg	4.2	1.1	0.8	338583	04/24/24	04/24/24	EJB
1,2,3-Trichlorobenzene	ND		ug/Kg	4.2	0.6	0.8	338583	04/24/24	04/24/24	EJB
Xylene (total)	ND		ug/Kg	4.2		0.8	338583	04/24/24	04/24/24	EJB
Surrogates				Limits						
Dibromofluoromethane	96%		%REC	70-145		0.8	338583	04/24/24	04/24/24	EJB
1,2-Dichloroethane-d4	107%		%REC	70-145		0.8	338583	04/24/24	04/24/24	EJB
Toluene-d8	98%		%REC	70-145		0.8	338583	04/24/24	04/24/24	EJB
Bromofluorobenzene	103%		%REC	70-145		0.8	338583	04/24/24	04/24/24	EJB
Method: EPA 8270C-SIM										
Prep Method: EPA 3546										
1-Methylnaphthalene	ND		ug/Kg	10	1.6	1	338344	04/21/24	04/24/24	HQN
2-Methylnaphthalene	ND		ug/Kg	10	1.6	1	338344	04/21/24	04/24/24	HQN
Naphthalene	ND		ug/Kg	10	3.8	1	338344	04/21/24	04/24/24	HQN
Acenaphthylene	ND		ug/Kg	10	1.7	1	338344	04/21/24	04/24/24	HQN

Analysis Results for 506595

506595-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	10	1.1	1	338344	04/21/24	04/24/24	HQN
Fluorene	ND		ug/Kg	10	1.3	1	338344	04/21/24	04/24/24	HQN
Phenanthrene	ND		ug/Kg	10	2.3	1	338344	04/21/24	04/24/24	HQN
Anthracene	ND		ug/Kg	10	1.5	1	338344	04/21/24	04/24/24	HQN
Fluoranthene	ND		ug/Kg	10	3.5	1	338344	04/21/24	04/24/24	HQN
Pyrene	ND		ug/Kg	10	3.8	1	338344	04/21/24	04/24/24	HQN
Benzo(a)anthracene	ND		ug/Kg	10	1.1	1	338344	04/21/24	04/24/24	HQN
Chrysene	ND		ug/Kg	10	1.0	1	338344	04/21/24	04/24/24	HQN
Benzo(b)fluoranthene	1.9	J	ug/Kg	10	0.97	1	338344	04/21/24	04/24/24	HQN
Benzo(k)fluoranthene	ND		ug/Kg	10	1.1	1	338344	04/21/24	04/24/24	HQN
Benzo(a)pyrene	ND		ug/Kg	10	1.4	1	338344	04/21/24	04/24/24	HQN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1.6	1	338344	04/21/24	04/24/24	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	10	2.9	1	338344	04/21/24	04/24/24	HQN
Benzo(g,h,i)perylene	2.8	J,b	ug/Kg	10	1.7	1	338344	04/21/24	04/24/24	HQN
Surrogates				Limits						
Nitrobenzene-d5	83%		%REC	27-125		10	338344	04/21/24	04/25/24	HQN
2-Fluorobiphenyl	82%		%REC	30-120		10	338344	04/21/24	04/25/24	HQN
Terphenyl-d14	82%		%REC	33-155		10	338344	04/21/24	04/25/24	HQN

Analysis Results for 506595

Sample ID: RA 1-3	Lab ID: 506595-005	Collected: 04/16/24 12:28
	Matrix: Soil	Basis: Dry

506595-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	3		%	1		1	338380	04/22/24	04/23/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.0	1.2	0.97	338281	04/19/24	04/21/24	SBW
Arsenic	2.4		mg/Kg	1.0	0.59	0.97	338281	04/19/24	04/21/24	SBW
Barium	9.5		mg/Kg	1.0	0.36	0.97	338281	04/19/24	04/21/24	SBW
Beryllium	0.069	B,J	mg/Kg	0.50	0.011	0.97	338281	04/19/24	04/21/24	SBW
Cadmium	0.050	J	mg/Kg	0.50	0.046	0.97	338281	04/19/24	04/21/24	SBW
Chromium	10		mg/Kg	1.0	0.12	0.97	338281	04/19/24	04/21/24	SBW
Cobalt	1.4		mg/Kg	0.50	0.27	0.97	338281	04/19/24	04/21/24	SBW
Copper	0.97	J	mg/Kg	1.0	0.20	0.97	338281	04/19/24	04/21/24	SBW
Lead	1.3		mg/Kg	1.0	0.38	0.97	338281	04/19/24	04/21/24	SBW
Molybdenum	ND		mg/Kg	1.1	1.1	0.97	338281	04/19/24	04/21/24	SBW
Nickel	7.1		mg/Kg	1.0	0.17	0.97	338281	04/19/24	04/21/24	SBW
Selenium	ND		mg/Kg	3.0	0.85	0.97	338281	04/19/24	04/21/24	SBW
Silver	ND		mg/Kg	0.50	0.15	0.97	338281	04/19/24	04/21/24	SBW
Thallium	ND		mg/Kg	3.0	0.87	0.97	338281	04/19/24	04/21/24	SBW
Vanadium	9.2		mg/Kg	1.0	0.079	0.97	338281	04/19/24	04/21/24	SBW
Zinc	8.2		mg/Kg	5.0	0.37	0.97	338281	04/19/24	04/21/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.16	0.041	1.1	338363	04/22/24	04/22/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M										
GRO C6-C12	ND		mg/Kg	10		1	338322	04/20/24	04/22/24	TJW
DRO C10-C28	ND		mg/Kg	10	3.6	1	338322	04/20/24	04/22/24	TJW
ORO C28-C44	ND		mg/Kg	21	3.6	1	338322	04/20/24	04/22/24	TJW
Surrogates				Limits						
n-Triacontane	129%		%REC	70-130		1	338322	04/20/24	04/22/24	TJW
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.1	1.2	0.99	338342	04/21/24	04/23/24	KLR
beta-BHC	ND		ug/Kg	5.1	1.7	0.99	338342	04/21/24	04/23/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1.1	0.99	338342	04/21/24	04/23/24	KLR
delta-BHC	ND		ug/Kg	5.1	1.4	0.99	338342	04/21/24	04/23/24	KLR
Heptachlor	ND		ug/Kg	5.1	1.5	0.99	338342	04/21/24	04/23/24	KLR
Aldrin	ND		ug/Kg	5.1	1.3	0.99	338342	04/21/24	04/23/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1.9	0.99	338342	04/21/24	04/23/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1.5	0.99	338342	04/21/24	04/23/24	KLR
Dieldrin	ND		ug/Kg	5.1	1.5	0.99	338342	04/21/24	04/23/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1.5	0.99	338342	04/21/24	04/23/24	KLR
Endrin	ND		ug/Kg	5.1	1.6	0.99	338342	04/21/24	04/23/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1.6	0.99	338342	04/21/24	04/23/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1.7	0.99	338342	04/21/24	04/23/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1.1	0.99	338342	04/21/24	04/23/24	KLR

Analysis Results for 506595

506595-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.1	1.7	0.99	338342	04/21/24	04/23/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1.4	0.99	338342	04/21/24	04/23/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1.5	0.99	338342	04/21/24	04/23/24	KLR
Methoxychlor	ND		ug/Kg	10	5.2	0.99	338342	04/21/24	04/23/24	KLR
Toxaphene	ND		ug/Kg	100	15	0.99	338342	04/21/24	04/23/24	KLR
Chlordane (Technical)	ND		ug/Kg	51	11	0.99	338342	04/21/24	04/23/24	KLR
Surrogates				Limits						
TCMX	96%		%REC	23-120		0.99	338342	04/21/24	04/23/24	KLR
Decachlorobiphenyl	86%		%REC	24-120		0.99	338342	04/21/24	04/23/24	KLR

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	51	15	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1221	ND		ug/Kg	51	23	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1232	ND		ug/Kg	51	19	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1242	ND		ug/Kg	51	18	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1248	ND		ug/Kg	51	22	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1254	ND		ug/Kg	51	6.7	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1260	ND		ug/Kg	51	25	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1262	ND		ug/Kg	51	17	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1268	ND		ug/Kg	51	14	0.99	338342	04/21/24	04/23/24	KLR

Surrogates

Limits

Decachlorobiphenyl (PCB)	86%		%REC	19-121		0.99	338342	04/21/24	04/23/24	KLR
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Method: EPA 8260B

Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	4.2	0.6	0.81	338583	04/24/24	04/24/24	EJB
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.2	1.3	0.81	338583	04/24/24	04/24/24	EJB
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.2	2.0	0.81	338583	04/24/24	04/24/24	EJB
Freon 12	ND		ug/Kg	4.2	1.5	0.81	338583	04/24/24	04/24/24	EJB
Chloromethane	ND		ug/Kg	4.2	1.9	0.81	338583	04/24/24	04/24/24	EJB
Vinyl Chloride	ND		ug/Kg	4.2	1.9	0.81	338583	04/24/24	04/24/24	EJB
Bromomethane	ND		ug/Kg	4.2	1.9	0.81	338583	04/24/24	04/24/24	EJB
Chloroethane	ND		ug/Kg	4.2	1.1	0.81	338583	04/24/24	04/24/24	EJB
Trichlorofluoromethane	ND		ug/Kg	4.2	1.2	0.81	338583	04/24/24	04/24/24	EJB
Acetone	ND		ug/Kg	83	51	0.81	338583	04/24/24	04/24/24	EJB
Freon 113	ND		ug/Kg	4.2	0.7	0.81	338583	04/24/24	04/24/24	EJB
1,1-Dichloroethene	ND		ug/Kg	4.2	1.1	0.81	338583	04/24/24	04/24/24	EJB
Methylene Chloride	ND		ug/Kg	4.2	3.0	0.81	338583	04/24/24	04/24/24	EJB
MTBE	ND		ug/Kg	4.2	0.8	0.81	338583	04/24/24	04/24/24	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	4.2	1.0	0.81	338583	04/24/24	04/24/24	EJB
1,1-Dichloroethane	ND		ug/Kg	4.2	1.5	0.81	338583	04/24/24	04/24/24	EJB
2-Butanone	ND		ug/Kg	83	6.1	0.81	338583	04/24/24	04/24/24	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	4.2	1.4	0.81	338583	04/24/24	04/24/24	EJB
2,2-Dichloropropane	ND		ug/Kg	4.2	0.8	0.81	338583	04/24/24	04/24/24	EJB
Chloroform	ND		ug/Kg	4.2	0.6	0.81	338583	04/24/24	04/24/24	EJB
Bromochloromethane	ND		ug/Kg	4.2	1.4	0.81	338583	04/24/24	04/24/24	EJB
1,1,1-Trichloroethane	ND		ug/Kg	4.2	1.0	0.81	338583	04/24/24	04/24/24	EJB
1,1-Dichloropropene	ND		ug/Kg	4.2	1.0	0.81	338583	04/24/24	04/24/24	EJB
Carbon Tetrachloride	ND		ug/Kg	4.2	1.2	0.81	338583	04/24/24	04/24/24	EJB
1,2-Dichloroethane	ND		ug/Kg	4.2	1.0	0.81	338583	04/24/24	04/24/24	EJB
Benzene	ND		ug/Kg	4.2	0.9	0.81	338583	04/24/24	04/24/24	EJB
Trichloroethene	ND		ug/Kg	4.2	0.7	0.81	338583	04/24/24	04/24/24	EJB

Analysis Results for 506595

506595-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloropropane	ND		ug/Kg	4.2	1.9	0.81	338583	04/24/24	04/24/24	EJB
Bromodichloromethane	ND		ug/Kg	4.2	1.1	0.81	338583	04/24/24	04/24/24	EJB
Dibromomethane	ND		ug/Kg	4.2	1.5	0.81	338583	04/24/24	04/24/24	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	4.2	1.7	0.81	338583	04/24/24	04/24/24	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	4.2	0.7	0.81	338583	04/24/24	04/24/24	EJB
Toluene	ND		ug/Kg	4.2	1.1	0.81	338583	04/24/24	04/24/24	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	4.2	0.6	0.81	338583	04/24/24	04/24/24	EJB
1,1,2-Trichloroethane	ND		ug/Kg	4.2	1.5	0.81	338583	04/24/24	04/24/24	EJB
1,3-Dichloropropane	ND		ug/Kg	4.2	1.1	0.81	338583	04/24/24	04/24/24	EJB
Tetrachloroethene	ND		ug/Kg	4.2	0.9	0.81	338583	04/24/24	04/24/24	EJB
Dibromochloromethane	ND		ug/Kg	4.2	0.8	0.81	338583	04/24/24	04/24/24	EJB
1,2-Dibromoethane	ND		ug/Kg	4.2	1.1	0.81	338583	04/24/24	04/24/24	EJB
Chlorobenzene	ND		ug/Kg	4.2	0.6	0.81	338583	04/24/24	04/24/24	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.2	0.9	0.81	338583	04/24/24	04/24/24	EJB
Ethylbenzene	ND		ug/Kg	4.2	0.7	0.81	338583	04/24/24	04/24/24	EJB
m,p-Xylenes	ND		ug/Kg	8.3	1.6	0.81	338583	04/24/24	04/24/24	EJB
o-Xylene	ND		ug/Kg	4.2	0.8	0.81	338583	04/24/24	04/24/24	EJB
Styrene	ND		ug/Kg	4.2	0.9	0.81	338583	04/24/24	04/24/24	EJB
Bromoform	ND		ug/Kg	4.2	0.6	0.81	338583	04/24/24	04/24/24	EJB
Isopropylbenzene	ND		ug/Kg	4.2	0.6	0.81	338583	04/24/24	04/24/24	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.2	1.7	0.81	338583	04/24/24	04/24/24	EJB
1,2,3-Trichloropropane	ND		ug/Kg	4.2	1.3	0.81	338583	04/24/24	04/24/24	EJB
Propylbenzene	ND		ug/Kg	4.2	0.6	0.81	338583	04/24/24	04/24/24	EJB
Bromobenzene	ND		ug/Kg	4.2	0.9	0.81	338583	04/24/24	04/24/24	EJB
1,3,5-Trimethylbenzene	ND		ug/Kg	4.2	0.5	0.81	338583	04/24/24	04/24/24	EJB
2-Chlorotoluene	ND		ug/Kg	4.2	1.1	0.81	338583	04/24/24	04/24/24	EJB
4-Chlorotoluene	ND		ug/Kg	4.2	0.9	0.81	338583	04/24/24	04/24/24	EJB
tert-Butylbenzene	ND		ug/Kg	4.2	0.5	0.81	338583	04/24/24	04/24/24	EJB
1,2,4-Trimethylbenzene	ND		ug/Kg	4.2	0.7	0.81	338583	04/24/24	04/24/24	EJB
sec-Butylbenzene	ND		ug/Kg	4.2	0.6	0.81	338583	04/24/24	04/24/24	EJB
para-Isopropyl Toluene	ND		ug/Kg	4.2	0.5	0.81	338583	04/24/24	04/24/24	EJB
1,3-Dichlorobenzene	ND		ug/Kg	4.2	1.2	0.81	338583	04/24/24	04/24/24	EJB
1,4-Dichlorobenzene	ND		ug/Kg	4.2	0.9	0.81	338583	04/24/24	04/24/24	EJB
n-Butylbenzene	ND		ug/Kg	4.2	0.8	0.81	338583	04/24/24	04/24/24	EJB
1,2-Dichlorobenzene	ND		ug/Kg	4.2	0.7	0.81	338583	04/24/24	04/24/24	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.2	1.4	0.81	338583	04/24/24	04/24/24	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	4.2	1.1	0.81	338583	04/24/24	04/24/24	EJB
Hexachlorobutadiene	ND		ug/Kg	4.2	1.0	0.81	338583	04/24/24	04/24/24	EJB
Naphthalene	ND		ug/Kg	4.2	1.1	0.81	338583	04/24/24	04/24/24	EJB
1,2,3-Trichlorobenzene	ND		ug/Kg	4.2	0.6	0.81	338583	04/24/24	04/24/24	EJB
Xylene (total)	ND		ug/Kg	4.2		0.81	338583	04/24/24	04/24/24	EJB

Surrogates	Limits									
Dibromofluoromethane	96%		%REC	70-145		0.81	338583	04/24/24	04/24/24	EJB
1,2-Dichloroethane-d4	106%		%REC	70-145		0.81	338583	04/24/24	04/24/24	EJB
Toluene-d8	95%		%REC	70-145		0.81	338583	04/24/24	04/24/24	EJB
Bromofluorobenzene	96%		%REC	70-145		0.81	338583	04/24/24	04/24/24	EJB

Method: EPA 8270C-SIM
Prep Method: EPA 3546

1-Methylnaphthalene	4.2	J	ug/Kg	10	1.6	1	338344	04/21/24	04/24/24	HQN
2-Methylnaphthalene	5.5	J	ug/Kg	10	1.6	1	338344	04/21/24	04/24/24	HQN
Naphthalene	ND		ug/Kg	10	3.7	1	338344	04/21/24	04/24/24	HQN
Acenaphthylene	2.6	J	ug/Kg	10	1.6	1	338344	04/21/24	04/24/24	HQN

Analysis Results for 506595

506595-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	5.6	J	ug/Kg	10	1.1	1	338344	04/21/24	04/24/24	HQN
Fluorene	7.4	J	ug/Kg	10	1.3	1	338344	04/21/24	04/24/24	HQN
Phenanthrene	5.4	J	ug/Kg	10	2.3	1	338344	04/21/24	04/24/24	HQN
Anthracene	6.0	J	ug/Kg	10	1.5	1	338344	04/21/24	04/24/24	HQN
Fluoranthene	ND		ug/Kg	10	3.5	1	338344	04/21/24	04/24/24	HQN
Pyrene	ND		ug/Kg	10	3.8	1	338344	04/21/24	04/24/24	HQN
Benzo(a)anthracene	ND		ug/Kg	10	1.1	1	338344	04/21/24	04/24/24	HQN
Chrysene	ND		ug/Kg	10	1.0	1	338344	04/21/24	04/24/24	HQN
Benzo(b)fluoranthene	ND		ug/Kg	10	0.96	1	338344	04/21/24	04/24/24	HQN
Benzo(k)fluoranthene	ND		ug/Kg	10	1.1	1	338344	04/21/24	04/24/24	HQN
Benzo(a)pyrene	ND		ug/Kg	10	1.4	1	338344	04/21/24	04/24/24	HQN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1.6	1	338344	04/21/24	04/24/24	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	10	2.9	1	338344	04/21/24	04/24/24	HQN
Benzo(g,h,i)perylene	ND		ug/Kg	10	1.7	1	338344	04/21/24	04/24/24	HQN
Surrogates				Limits						
Nitrobenzene-d5	80%		%REC	27-125		10	338344	04/21/24	04/25/24	HQN
2-Fluorobiphenyl	76%		%REC	30-120		10	338344	04/21/24	04/25/24	HQN
Terphenyl-d14	77%		%REC	33-155		10	338344	04/21/24	04/25/24	HQN

Analysis Results for 506595

Sample ID: RA 2-4	Lab ID: 506595-006	Collected: 04/16/24 11:55
	Matrix: Soil	Basis: Dry

506595-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	4		%	1		1	338380	04/22/24	04/23/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.1	1.2	0.98	338281	04/19/24	04/21/24	SBW
Arsenic	2.0		mg/Kg	1.0	0.60	0.98	338281	04/19/24	04/21/24	SBW
Barium	8.3		mg/Kg	1.0	0.36	0.98	338281	04/19/24	04/21/24	SBW
Beryllium	0.078	B,J	mg/Kg	0.51	0.011	0.98	338281	04/19/24	04/21/24	SBW
Cadmium	ND		mg/Kg	0.51	0.047	0.98	338281	04/19/24	04/21/24	SBW
Chromium	4.3		mg/Kg	1.0	0.12	0.98	338281	04/19/24	04/21/24	SBW
Cobalt	0.61		mg/Kg	0.51	0.28	0.98	338281	04/19/24	04/21/24	SBW
Copper	0.83	J	mg/Kg	1.0	0.21	0.98	338281	04/19/24	04/21/24	SBW
Lead	0.57	J	mg/Kg	1.0	0.39	0.98	338281	04/19/24	04/21/24	SBW
Molybdenum	ND		mg/Kg	1.1	1.1	0.98	338281	04/19/24	04/21/24	SBW
Nickel	3.7		mg/Kg	1.0	0.17	0.98	338281	04/19/24	04/21/24	SBW
Selenium	ND		mg/Kg	3.1	0.86	0.98	338281	04/19/24	04/21/24	SBW
Silver	ND		mg/Kg	0.51	0.16	0.98	338281	04/19/24	04/21/24	SBW
Thallium	ND		mg/Kg	3.1	0.89	0.98	338281	04/19/24	04/21/24	SBW
Vanadium	4.3		mg/Kg	1.0	0.080	0.98	338281	04/19/24	04/21/24	SBW
Zinc	3.6	J	mg/Kg	5.1	0.38	0.98	338281	04/19/24	04/21/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.17	0.043	1.2	338363	04/22/24	04/22/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M										
GRO C6-C12	ND		mg/Kg	10		0.99	338322	04/20/24	04/22/24	TJW
DRO C10-C28	ND		mg/Kg	10	3.6	0.99	338322	04/20/24	04/22/24	TJW
ORO C28-C44	4.3	J	mg/Kg	21	3.6	0.99	338322	04/20/24	04/22/24	TJW
Surrogates				Limits						
n-Triacontane	106%		%REC	70-130		0.99	338322	04/20/24	04/22/24	TJW
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.1	1.3	0.98	338342	04/21/24	04/23/24	KLR
beta-BHC	ND		ug/Kg	5.1	1.7	0.98	338342	04/21/24	04/23/24	KLR
gamma-BHC	ND		ug/Kg	5.1	1.1	0.98	338342	04/21/24	04/23/24	KLR
delta-BHC	ND		ug/Kg	5.1	1.4	0.98	338342	04/21/24	04/23/24	KLR
Heptachlor	ND		ug/Kg	5.1	1.5	0.98	338342	04/21/24	04/23/24	KLR
Aldrin	ND		ug/Kg	5.1	1.3	0.98	338342	04/21/24	04/23/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.1	1.9	0.98	338342	04/21/24	04/23/24	KLR
Endosulfan I	ND		ug/Kg	5.1	1.5	0.98	338342	04/21/24	04/23/24	KLR
Dieldrin	ND		ug/Kg	5.1	1.5	0.98	338342	04/21/24	04/23/24	KLR
4,4'-DDE	ND		ug/Kg	5.1	1.5	0.98	338342	04/21/24	04/23/24	KLR
Endrin	ND		ug/Kg	5.1	1.6	0.98	338342	04/21/24	04/23/24	KLR
Endosulfan II	ND		ug/Kg	5.1	1.6	0.98	338342	04/21/24	04/23/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.1	1.7	0.98	338342	04/21/24	04/23/24	KLR
4,4'-DDD	ND		ug/Kg	5.1	1.1	0.98	338342	04/21/24	04/23/24	KLR

Analysis Results for 506595

506595-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.1	1.7	0.98	338342	04/21/24	04/23/24	KLR
Endrin ketone	ND		ug/Kg	5.1	1.4	0.98	338342	04/21/24	04/23/24	KLR
4,4'-DDT	ND		ug/Kg	5.1	1.5	0.98	338342	04/21/24	04/23/24	KLR
Methoxychlor	ND		ug/Kg	10	5.2	0.98	338342	04/21/24	04/23/24	KLR
Toxaphene	ND		ug/Kg	100	15	0.98	338342	04/21/24	04/23/24	KLR
Chlordane (Technical)	ND		ug/Kg	51	11	0.98	338342	04/21/24	04/23/24	KLR
Surrogates				Limits						
TCMX	99%		%REC	23-120		0.98	338342	04/21/24	04/23/24	KLR
Decachlorobiphenyl	93%		%REC	24-120		0.98	338342	04/21/24	04/23/24	KLR

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	51	15	0.98	338342	04/21/24	04/23/24	KLR
Aroclor-1221	ND		ug/Kg	51	23	0.98	338342	04/21/24	04/23/24	KLR
Aroclor-1232	ND		ug/Kg	51	19	0.98	338342	04/21/24	04/23/24	KLR
Aroclor-1242	ND		ug/Kg	51	18	0.98	338342	04/21/24	04/23/24	KLR
Aroclor-1248	ND		ug/Kg	51	22	0.98	338342	04/21/24	04/23/24	KLR
Aroclor-1254	ND		ug/Kg	51	6.7	0.98	338342	04/21/24	04/23/24	KLR
Aroclor-1260	ND		ug/Kg	51	25	0.98	338342	04/21/24	04/23/24	KLR
Aroclor-1262	ND		ug/Kg	51	17	0.98	338342	04/21/24	04/23/24	KLR
Aroclor-1268	ND		ug/Kg	51	14	0.98	338342	04/21/24	04/23/24	KLR

Surrogates

Limits

Decachlorobiphenyl (PCB)	93%		%REC	19-121		0.98	338342	04/21/24	04/23/24	KLR
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Method: EPA 8260B

Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	4.3	0.7	0.83	338583	04/24/24	04/24/24	EJB
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.3	1.4	0.83	338583	04/24/24	04/24/24	EJB
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.3	2.1	0.83	338583	04/24/24	04/24/24	EJB
Freon 12	ND		ug/Kg	4.3	1.5	0.83	338583	04/24/24	04/24/24	EJB
Chloromethane	ND		ug/Kg	4.3	2.0	0.83	338583	04/24/24	04/24/24	EJB
Vinyl Chloride	ND		ug/Kg	4.3	1.9	0.83	338583	04/24/24	04/24/24	EJB
Bromomethane	ND		ug/Kg	4.3	2.0	0.83	338583	04/24/24	04/24/24	EJB
Chloroethane	ND		ug/Kg	4.3	1.2	0.83	338583	04/24/24	04/24/24	EJB
Trichlorofluoromethane	ND		ug/Kg	4.3	1.3	0.83	338583	04/24/24	04/24/24	EJB
Acetone	ND		ug/Kg	87	53	0.83	338583	04/24/24	04/24/24	EJB
Freon 113	ND		ug/Kg	4.3	0.7	0.83	338583	04/24/24	04/24/24	EJB
1,1-Dichloroethene	ND		ug/Kg	4.3	1.1	0.83	338583	04/24/24	04/24/24	EJB
Methylene Chloride	ND		ug/Kg	4.3	3.2	0.83	338583	04/24/24	04/24/24	EJB
MTBE	ND		ug/Kg	4.3	0.8	0.83	338583	04/24/24	04/24/24	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	4.3	1.1	0.83	338583	04/24/24	04/24/24	EJB
1,1-Dichloroethane	ND		ug/Kg	4.3	1.5	0.83	338583	04/24/24	04/24/24	EJB
2-Butanone	ND		ug/Kg	87	6.4	0.83	338583	04/24/24	04/24/24	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	4.3	1.5	0.83	338583	04/24/24	04/24/24	EJB
2,2-Dichloropropane	ND		ug/Kg	4.3	0.8	0.83	338583	04/24/24	04/24/24	EJB
Chloroform	ND		ug/Kg	4.3	0.7	0.83	338583	04/24/24	04/24/24	EJB
Bromochloromethane	ND		ug/Kg	4.3	1.4	0.83	338583	04/24/24	04/24/24	EJB
1,1,1-Trichloroethane	ND		ug/Kg	4.3	1.1	0.83	338583	04/24/24	04/24/24	EJB
1,1-Dichloropropene	ND		ug/Kg	4.3	1.1	0.83	338583	04/24/24	04/24/24	EJB
Carbon Tetrachloride	ND		ug/Kg	4.3	1.3	0.83	338583	04/24/24	04/24/24	EJB
1,2-Dichloroethane	ND		ug/Kg	4.3	1.0	0.83	338583	04/24/24	04/24/24	EJB
Benzene	ND		ug/Kg	4.3	1.0	0.83	338583	04/24/24	04/24/24	EJB
Trichloroethene	ND		ug/Kg	4.3	0.7	0.83	338583	04/24/24	04/24/24	EJB

Analysis Results for 506595

506595-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloropropane	ND		ug/Kg	4.3	2.0	0.83	338583	04/24/24	04/24/24	EJB
Bromodichloromethane	ND		ug/Kg	4.3	1.2	0.83	338583	04/24/24	04/24/24	EJB
Dibromomethane	ND		ug/Kg	4.3	1.5	0.83	338583	04/24/24	04/24/24	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	4.3	1.8	0.83	338583	04/24/24	04/24/24	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	4.3	0.7	0.83	338583	04/24/24	04/24/24	EJB
Toluene	ND		ug/Kg	4.3	1.1	0.83	338583	04/24/24	04/24/24	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	4.3	0.6	0.83	338583	04/24/24	04/24/24	EJB
1,1,2-Trichloroethane	ND		ug/Kg	4.3	1.6	0.83	338583	04/24/24	04/24/24	EJB
1,3-Dichloropropane	ND		ug/Kg	4.3	1.2	0.83	338583	04/24/24	04/24/24	EJB
Tetrachloroethene	ND		ug/Kg	4.3	1.0	0.83	338583	04/24/24	04/24/24	EJB
Dibromochloromethane	ND		ug/Kg	4.3	0.8	0.83	338583	04/24/24	04/24/24	EJB
1,2-Dibromoethane	ND		ug/Kg	4.3	1.1	0.83	338583	04/24/24	04/24/24	EJB
Chlorobenzene	ND		ug/Kg	4.3	0.7	0.83	338583	04/24/24	04/24/24	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.3	1.0	0.83	338583	04/24/24	04/24/24	EJB
Ethylbenzene	ND		ug/Kg	4.3	0.8	0.83	338583	04/24/24	04/24/24	EJB
m,p-Xylenes	ND		ug/Kg	8.7	1.7	0.83	338583	04/24/24	04/24/24	EJB
o-Xylene	ND		ug/Kg	4.3	0.9	0.83	338583	04/24/24	04/24/24	EJB
Styrene	ND		ug/Kg	4.3	0.9	0.83	338583	04/24/24	04/24/24	EJB
Bromoform	ND		ug/Kg	4.3	0.6	0.83	338583	04/24/24	04/24/24	EJB
Isopropylbenzene	ND		ug/Kg	4.3	0.6	0.83	338583	04/24/24	04/24/24	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.3	1.8	0.83	338583	04/24/24	04/24/24	EJB
1,2,3-Trichloropropane	ND		ug/Kg	4.3	1.3	0.83	338583	04/24/24	04/24/24	EJB
Propylbenzene	ND		ug/Kg	4.3	0.6	0.83	338583	04/24/24	04/24/24	EJB
Bromobenzene	ND		ug/Kg	4.3	0.9	0.83	338583	04/24/24	04/24/24	EJB
1,3,5-Trimethylbenzene	ND		ug/Kg	4.3	0.5	0.83	338583	04/24/24	04/24/24	EJB
2-Chlorotoluene	ND		ug/Kg	4.3	1.1	0.83	338583	04/24/24	04/24/24	EJB
4-Chlorotoluene	ND		ug/Kg	4.3	1.0	0.83	338583	04/24/24	04/24/24	EJB
tert-Butylbenzene	ND		ug/Kg	4.3	0.5	0.83	338583	04/24/24	04/24/24	EJB
1,2,4-Trimethylbenzene	ND		ug/Kg	4.3	0.7	0.83	338583	04/24/24	04/24/24	EJB
sec-Butylbenzene	ND		ug/Kg	4.3	0.6	0.83	338583	04/24/24	04/24/24	EJB
para-Isopropyl Toluene	ND		ug/Kg	4.3	0.6	0.83	338583	04/24/24	04/24/24	EJB
1,3-Dichlorobenzene	ND		ug/Kg	4.3	1.3	0.83	338583	04/24/24	04/24/24	EJB
1,4-Dichlorobenzene	ND		ug/Kg	4.3	1.0	0.83	338583	04/24/24	04/24/24	EJB
n-Butylbenzene	ND		ug/Kg	4.3	0.8	0.83	338583	04/24/24	04/24/24	EJB
1,2-Dichlorobenzene	ND		ug/Kg	4.3	0.7	0.83	338583	04/24/24	04/24/24	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.3	1.5	0.83	338583	04/24/24	04/24/24	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	4.3	1.1	0.83	338583	04/24/24	04/24/24	EJB
Hexachlorobutadiene	ND		ug/Kg	4.3	1.0	0.83	338583	04/24/24	04/24/24	EJB
Naphthalene	ND		ug/Kg	4.3	1.2	0.83	338583	04/24/24	04/24/24	EJB
1,2,3-Trichlorobenzene	ND		ug/Kg	4.3	0.6	0.83	338583	04/24/24	04/24/24	EJB
Xylene (total)	ND		ug/Kg	4.3		0.83	338583	04/24/24	04/24/24	EJB
Surrogates				Limits						
Dibromofluoromethane	96%		%REC	70-145		0.83	338583	04/24/24	04/24/24	EJB
1,2-Dichloroethane-d4	106%		%REC	70-145		0.83	338583	04/24/24	04/24/24	EJB
Toluene-d8	96%		%REC	70-145		0.83	338583	04/24/24	04/24/24	EJB
Bromofluorobenzene	97%		%REC	70-145		0.83	338583	04/24/24	04/24/24	EJB
Method: EPA 8270C-SIM										
Prep Method: EPA 3546										
1-Methylnaphthalene	ND		ug/Kg	10	1.6	1	338344	04/21/24	04/24/24	HQN
2-Methylnaphthalene	ND		ug/Kg	10	1.6	1	338344	04/21/24	04/24/24	HQN
Naphthalene	ND		ug/Kg	10	3.7	1	338344	04/21/24	04/24/24	HQN
Acenaphthylene	ND		ug/Kg	10	1.7	1	338344	04/21/24	04/24/24	HQN

Analysis Results for 506595

506595-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	10	1.1	1	338344	04/21/24	04/24/24	HQN
Fluorene	ND		ug/Kg	10	1.3	1	338344	04/21/24	04/24/24	HQN
Phenanthrene	ND		ug/Kg	10	2.3	1	338344	04/21/24	04/24/24	HQN
Anthracene	ND		ug/Kg	10	1.5	1	338344	04/21/24	04/24/24	HQN
Fluoranthene	ND		ug/Kg	10	3.5	1	338344	04/21/24	04/24/24	HQN
Pyrene	ND		ug/Kg	10	3.8	1	338344	04/21/24	04/24/24	HQN
Benzo(a)anthracene	ND		ug/Kg	10	1.1	1	338344	04/21/24	04/24/24	HQN
Chrysene	ND		ug/Kg	10	1.0	1	338344	04/21/24	04/24/24	HQN
Benzo(b)fluoranthene	ND		ug/Kg	10	0.96	1	338344	04/21/24	04/24/24	HQN
Benzo(k)fluoranthene	ND		ug/Kg	10	1.1	1	338344	04/21/24	04/24/24	HQN
Benzo(a)pyrene	ND		ug/Kg	10	1.4	1	338344	04/21/24	04/24/24	HQN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1.6	1	338344	04/21/24	04/24/24	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	10	2.9	1	338344	04/21/24	04/24/24	HQN
Benzo(g,h,i)perylene	ND		ug/Kg	10	1.7	1	338344	04/21/24	04/24/24	HQN
Surrogates				Limits						
Nitrobenzene-d5	93%		%REC	27-125		10	338344	04/21/24	04/25/24	HQN
2-Fluorobiphenyl	86%		%REC	30-120		10	338344	04/21/24	04/25/24	HQN
Terphenyl-d14	88%		%REC	33-155		10	338344	04/21/24	04/25/24	HQN

Analysis Results for 506595

Sample ID: RA 3-1	Lab ID: 506595-007	Collected: 04/16/24 12:02
	Matrix: Soil	Basis: Dry

506595-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	4		%	1		1	338380	04/22/24	04/23/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.1	1.2	0.98	338281	04/19/24	04/21/24	SBW
Arsenic	2.3		mg/Kg	1.0	0.60	0.98	338281	04/19/24	04/21/24	SBW
Barium	11		mg/Kg	1.0	0.36	0.98	338281	04/19/24	04/21/24	SBW
Beryllium	0.080	B,J	mg/Kg	0.51	0.011	0.98	338281	04/19/24	04/21/24	SBW
Cadmium	0.056	J	mg/Kg	0.51	0.047	0.98	338281	04/19/24	04/21/24	SBW
Chromium	10		mg/Kg	1.0	0.12	0.98	338281	04/19/24	04/21/24	SBW
Cobalt	1.4		mg/Kg	0.51	0.28	0.98	338281	04/19/24	04/21/24	SBW
Copper	0.99	J	mg/Kg	1.0	0.21	0.98	338281	04/19/24	04/21/24	SBW
Lead	0.83	J	mg/Kg	1.0	0.39	0.98	338281	04/19/24	04/21/24	SBW
Molybdenum	ND		mg/Kg	1.1	1.1	0.98	338281	04/19/24	04/21/24	SBW
Nickel	6.9		mg/Kg	1.0	0.17	0.98	338281	04/19/24	04/21/24	SBW
Selenium	ND		mg/Kg	3.1	0.86	0.98	338281	04/19/24	04/21/24	SBW
Silver	ND		mg/Kg	0.51	0.16	0.98	338281	04/19/24	04/21/24	SBW
Thallium	ND		mg/Kg	3.1	0.89	0.98	338281	04/19/24	04/21/24	SBW
Vanadium	10		mg/Kg	1.0	0.080	0.98	338281	04/19/24	04/21/24	SBW
Zinc	6.7		mg/Kg	5.1	0.38	0.98	338281	04/19/24	04/21/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.16	0.040	1.1	338363	04/22/24	04/22/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M										
GRO C6-C12	ND		mg/Kg	10		1	338322	04/20/24	04/22/24	TJW
DRO C10-C28	ND		mg/Kg	10	3.6	1	338322	04/20/24	04/22/24	TJW
ORO C28-C44	ND		mg/Kg	21	3.6	1	338322	04/20/24	04/22/24	TJW
Surrogates				Limits						
n-Triacontane	125%		%REC	70-130		1	338322	04/20/24	04/22/24	TJW
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.3	1.3	1	338342	04/21/24	04/23/24	KLR
beta-BHC	ND		ug/Kg	5.3	1.8	1	338342	04/21/24	04/23/24	KLR
gamma-BHC	ND		ug/Kg	5.3	1.1	1	338342	04/21/24	04/23/24	KLR
delta-BHC	ND		ug/Kg	5.3	1.4	1	338342	04/21/24	04/23/24	KLR
Heptachlor	ND		ug/Kg	5.3	1.6	1	338342	04/21/24	04/23/24	KLR
Aldrin	ND		ug/Kg	5.3	1.4	1	338342	04/21/24	04/23/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.3	1.9	1	338342	04/21/24	04/23/24	KLR
Endosulfan I	ND		ug/Kg	5.3	1.5	1	338342	04/21/24	04/23/24	KLR
Dieldrin	ND		ug/Kg	5.3	1.5	1	338342	04/21/24	04/23/24	KLR
4,4'-DDE	ND		ug/Kg	5.3	1.5	1	338342	04/21/24	04/23/24	KLR
Endrin	ND		ug/Kg	5.3	1.7	1	338342	04/21/24	04/23/24	KLR
Endosulfan II	ND		ug/Kg	5.3	1.7	1	338342	04/21/24	04/23/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.3	1.7	1	338342	04/21/24	04/23/24	KLR
4,4'-DDD	ND		ug/Kg	5.3	1.2	1	338342	04/21/24	04/23/24	KLR

Analysis Results for 506595

506595-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.3	1.8	1	338342	04/21/24	04/23/24	KLR
Endrin ketone	ND		ug/Kg	5.3	1.5	1	338342	04/21/24	04/23/24	KLR
4,4'-DDT	ND		ug/Kg	5.3	1.5	1	338342	04/21/24	04/23/24	KLR
Methoxychlor	ND		ug/Kg	11	5.4	1	338342	04/21/24	04/23/24	KLR
Toxaphene	ND		ug/Kg	110	16	1	338342	04/21/24	04/23/24	KLR
Chlordane (Technical)	ND		ug/Kg	53	12	1	338342	04/21/24	04/23/24	KLR
Surrogates				Limits						
TCMX	98%		%REC	23-120		1	338342	04/21/24	04/23/24	KLR
Decachlorobiphenyl	91%		%REC	24-120		1	338342	04/21/24	04/23/24	KLR

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	53	15	1	338342	04/21/24	04/23/24	KLR
Aroclor-1221	ND		ug/Kg	53	24	1	338342	04/21/24	04/23/24	KLR
Aroclor-1232	ND		ug/Kg	53	20	1	338342	04/21/24	04/23/24	KLR
Aroclor-1242	ND		ug/Kg	53	19	1	338342	04/21/24	04/23/24	KLR
Aroclor-1248	ND		ug/Kg	53	22	1	338342	04/21/24	04/23/24	KLR
Aroclor-1254	ND		ug/Kg	53	7.0	1	338342	04/21/24	04/23/24	KLR
Aroclor-1260	ND		ug/Kg	53	26	1	338342	04/21/24	04/23/24	KLR
Aroclor-1262	ND		ug/Kg	53	17	1	338342	04/21/24	04/23/24	KLR
Aroclor-1268	ND		ug/Kg	53	14	1	338342	04/21/24	04/23/24	KLR

Surrogates

Limits

Decachlorobiphenyl (PCB)	89%		%REC	19-121		1	338342	04/21/24	04/23/24	KLR
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Method: EPA 8260B

Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	4.3	0.7	0.83	338583	04/24/24	04/24/24	EJB
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.3	1.4	0.83	338583	04/24/24	04/24/24	EJB
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.3	2.1	0.83	338583	04/24/24	04/24/24	EJB
Freon 12	ND		ug/Kg	4.3	1.5	0.83	338583	04/24/24	04/24/24	EJB
Chloromethane	ND		ug/Kg	4.3	2.0	0.83	338583	04/24/24	04/24/24	EJB
Vinyl Chloride	ND		ug/Kg	4.3	1.9	0.83	338583	04/24/24	04/24/24	EJB
Bromomethane	ND		ug/Kg	4.3	1.9	0.83	338583	04/24/24	04/24/24	EJB
Chloroethane	ND		ug/Kg	4.3	1.2	0.83	338583	04/24/24	04/24/24	EJB
Trichlorofluoromethane	ND		ug/Kg	4.3	1.3	0.83	338583	04/24/24	04/24/24	EJB
Acetone	ND		ug/Kg	87	53	0.83	338583	04/24/24	04/24/24	EJB
Freon 113	ND		ug/Kg	4.3	0.7	0.83	338583	04/24/24	04/24/24	EJB
1,1-Dichloroethene	ND		ug/Kg	4.3	1.1	0.83	338583	04/24/24	04/24/24	EJB
Methylene Chloride	ND		ug/Kg	4.3	3.2	0.83	338583	04/24/24	04/24/24	EJB
MTBE	ND		ug/Kg	4.3	0.8	0.83	338583	04/24/24	04/24/24	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	4.3	1.1	0.83	338583	04/24/24	04/24/24	EJB
1,1-Dichloroethane	ND		ug/Kg	4.3	1.5	0.83	338583	04/24/24	04/24/24	EJB
2-Butanone	ND		ug/Kg	87	6.4	0.83	338583	04/24/24	04/24/24	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	4.3	1.5	0.83	338583	04/24/24	04/24/24	EJB
2,2-Dichloropropane	ND		ug/Kg	4.3	0.8	0.83	338583	04/24/24	04/24/24	EJB
Chloroform	ND		ug/Kg	4.3	0.7	0.83	338583	04/24/24	04/24/24	EJB
Bromochloromethane	ND		ug/Kg	4.3	1.4	0.83	338583	04/24/24	04/24/24	EJB
1,1,1-Trichloroethane	ND		ug/Kg	4.3	1.1	0.83	338583	04/24/24	04/24/24	EJB
1,1-Dichloropropene	ND		ug/Kg	4.3	1.1	0.83	338583	04/24/24	04/24/24	EJB
Carbon Tetrachloride	ND		ug/Kg	4.3	1.3	0.83	338583	04/24/24	04/24/24	EJB
1,2-Dichloroethane	ND		ug/Kg	4.3	1.0	0.83	338583	04/24/24	04/24/24	EJB
Benzene	ND		ug/Kg	4.3	1.0	0.83	338583	04/24/24	04/24/24	EJB
Trichloroethene	ND		ug/Kg	4.3	0.7	0.83	338583	04/24/24	04/24/24	EJB

Analysis Results for 506595

506595-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloropropane	ND		ug/Kg	4.3	2.0	0.83	338583	04/24/24	04/24/24	EJB
Bromodichloromethane	ND		ug/Kg	4.3	1.2	0.83	338583	04/24/24	04/24/24	EJB
Dibromomethane	ND		ug/Kg	4.3	1.5	0.83	338583	04/24/24	04/24/24	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	4.3	1.8	0.83	338583	04/24/24	04/24/24	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	4.3	0.7	0.83	338583	04/24/24	04/24/24	EJB
Toluene	ND		ug/Kg	4.3	1.1	0.83	338583	04/24/24	04/24/24	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	4.3	0.6	0.83	338583	04/24/24	04/24/24	EJB
1,1,2-Trichloroethane	ND		ug/Kg	4.3	1.6	0.83	338583	04/24/24	04/24/24	EJB
1,3-Dichloropropane	ND		ug/Kg	4.3	1.2	0.83	338583	04/24/24	04/24/24	EJB
Tetrachloroethene	ND		ug/Kg	4.3	1.0	0.83	338583	04/24/24	04/24/24	EJB
Dibromochloromethane	ND		ug/Kg	4.3	0.8	0.83	338583	04/24/24	04/24/24	EJB
1,2-Dibromoethane	ND		ug/Kg	4.3	1.1	0.83	338583	04/24/24	04/24/24	EJB
Chlorobenzene	ND		ug/Kg	4.3	0.7	0.83	338583	04/24/24	04/24/24	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.3	1.0	0.83	338583	04/24/24	04/24/24	EJB
Ethylbenzene	ND		ug/Kg	4.3	0.8	0.83	338583	04/24/24	04/24/24	EJB
m,p-Xylenes	ND		ug/Kg	8.7	1.7	0.83	338583	04/24/24	04/24/24	EJB
o-Xylene	ND		ug/Kg	4.3	0.9	0.83	338583	04/24/24	04/24/24	EJB
Styrene	ND		ug/Kg	4.3	0.9	0.83	338583	04/24/24	04/24/24	EJB
Bromoform	ND		ug/Kg	4.3	0.6	0.83	338583	04/24/24	04/24/24	EJB
Isopropylbenzene	ND		ug/Kg	4.3	0.6	0.83	338583	04/24/24	04/24/24	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.3	1.8	0.83	338583	04/24/24	04/24/24	EJB
1,2,3-Trichloropropane	ND		ug/Kg	4.3	1.3	0.83	338583	04/24/24	04/24/24	EJB
Propylbenzene	ND		ug/Kg	4.3	0.6	0.83	338583	04/24/24	04/24/24	EJB
Bromobenzene	ND		ug/Kg	4.3	0.9	0.83	338583	04/24/24	04/24/24	EJB
1,3,5-Trimethylbenzene	ND		ug/Kg	4.3	0.5	0.83	338583	04/24/24	04/24/24	EJB
2-Chlorotoluene	ND		ug/Kg	4.3	1.1	0.83	338583	04/24/24	04/24/24	EJB
4-Chlorotoluene	ND		ug/Kg	4.3	1.0	0.83	338583	04/24/24	04/24/24	EJB
tert-Butylbenzene	ND		ug/Kg	4.3	0.5	0.83	338583	04/24/24	04/24/24	EJB
1,2,4-Trimethylbenzene	ND		ug/Kg	4.3	0.7	0.83	338583	04/24/24	04/24/24	EJB
sec-Butylbenzene	ND		ug/Kg	4.3	0.6	0.83	338583	04/24/24	04/24/24	EJB
para-Isopropyl Toluene	ND		ug/Kg	4.3	0.6	0.83	338583	04/24/24	04/24/24	EJB
1,3-Dichlorobenzene	ND		ug/Kg	4.3	1.3	0.83	338583	04/24/24	04/24/24	EJB
1,4-Dichlorobenzene	ND		ug/Kg	4.3	1.0	0.83	338583	04/24/24	04/24/24	EJB
n-Butylbenzene	ND		ug/Kg	4.3	0.8	0.83	338583	04/24/24	04/24/24	EJB
1,2-Dichlorobenzene	ND		ug/Kg	4.3	0.7	0.83	338583	04/24/24	04/24/24	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.3	1.5	0.83	338583	04/24/24	04/24/24	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	4.3	1.1	0.83	338583	04/24/24	04/24/24	EJB
Hexachlorobutadiene	ND		ug/Kg	4.3	1.0	0.83	338583	04/24/24	04/24/24	EJB
Naphthalene	ND		ug/Kg	4.3	1.2	0.83	338583	04/24/24	04/24/24	EJB
1,2,3-Trichlorobenzene	ND		ug/Kg	4.3	0.6	0.83	338583	04/24/24	04/24/24	EJB
Xylene (total)	ND		ug/Kg	4.3		0.83	338583	04/24/24	04/24/24	EJB

Surrogates	Limits									
Dibromofluoromethane	95%	%REC	70-145		0.83	338583	04/24/24	04/24/24	EJB	
1,2-Dichloroethane-d4	105%	%REC	70-145		0.83	338583	04/24/24	04/24/24	EJB	
Toluene-d8	94%	%REC	70-145		0.83	338583	04/24/24	04/24/24	EJB	
Bromofluorobenzene	94%	%REC	70-145		0.83	338583	04/24/24	04/24/24	EJB	

Method: EPA 8270C-SIM
Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	10	1.6	0.99	338344	04/21/24	04/24/24	HQN
2-Methylnaphthalene	ND		ug/Kg	10	1.6	0.99	338344	04/21/24	04/24/24	HQN
Naphthalene	ND		ug/Kg	10	3.7	0.99	338344	04/21/24	04/24/24	HQN
Acenaphthylene	ND		ug/Kg	10	1.6	0.99	338344	04/21/24	04/24/24	HQN

Analysis Results for 506595

506595-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	10	1.1	0.99	338344	04/21/24	04/24/24	HQN
Fluorene	ND		ug/Kg	10	1.3	0.99	338344	04/21/24	04/24/24	HQN
Phenanthrene	ND		ug/Kg	10	2.3	0.99	338344	04/21/24	04/24/24	HQN
Anthracene	ND		ug/Kg	10	1.4	0.99	338344	04/21/24	04/24/24	HQN
Fluoranthene	ND		ug/Kg	10	3.5	0.99	338344	04/21/24	04/24/24	HQN
Pyrene	ND		ug/Kg	10	3.7	0.99	338344	04/21/24	04/24/24	HQN
Benzo(a)anthracene	ND		ug/Kg	10	1.1	0.99	338344	04/21/24	04/24/24	HQN
Chrysene	ND		ug/Kg	10	0.99	0.99	338344	04/21/24	04/24/24	HQN
Benzo(b)fluoranthene	ND		ug/Kg	10	0.96	0.99	338344	04/21/24	04/24/24	HQN
Benzo(k)fluoranthene	ND		ug/Kg	10	1.1	0.99	338344	04/21/24	04/24/24	HQN
Benzo(a)pyrene	ND		ug/Kg	10	1.4	0.99	338344	04/21/24	04/24/24	HQN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	10	1.6	0.99	338344	04/21/24	04/24/24	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	10	2.9	0.99	338344	04/21/24	04/24/24	HQN
Benzo(g,h,i)perylene	ND		ug/Kg	10	1.7	0.99	338344	04/21/24	04/24/24	HQN
Surrogates				Limits						
Nitrobenzene-d5	85%		%REC	27-125		9.9	338344	04/21/24	04/25/24	HQN
2-Fluorobiphenyl	80%		%REC	30-120		9.9	338344	04/21/24	04/25/24	HQN
Terphenyl-d14	79%		%REC	33-155		9.9	338344	04/21/24	04/25/24	HQN

Analysis Results for 506595

Sample ID: RA 4-2	Lab ID: 506595-008	Collected: 04/16/24 12:13
	Matrix: Soil	Basis: Dry

506595-008 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	9		%	1		1	338380	04/22/24	04/23/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.1	1.3	0.95	338281	04/19/24	04/21/24	SBW
Arsenic	6.8		mg/Kg	1.0	0.62	0.95	338281	04/19/24	04/21/24	SBW
Barium	45		mg/Kg	1.0	0.37	0.95	338281	04/19/24	04/21/24	SBW
Beryllium	0.13	J	mg/Kg	0.52	0.012	0.95	338281	04/19/24	04/21/24	SBW
Cadmium	0.42	J	mg/Kg	0.52	0.048	0.95	338281	04/19/24	04/21/24	SBW
Chromium	21		mg/Kg	1.0	0.13	0.95	338281	04/19/24	04/21/24	SBW
Cobalt	6.0		mg/Kg	0.52	0.28	0.95	338281	04/19/24	04/21/24	SBW
Copper	45		mg/Kg	1.0	0.21	0.95	338281	04/19/24	04/21/24	SBW
Lead	47		mg/Kg	1.0	0.39	0.95	338281	04/19/24	04/21/24	SBW
Molybdenum	ND		mg/Kg	1.2	1.2	0.95	338281	04/19/24	04/21/24	SBW
Nickel	19		mg/Kg	1.0	0.18	0.95	338281	04/19/24	04/21/24	SBW
Selenium	ND		mg/Kg	3.1	0.88	0.95	338281	04/19/24	04/21/24	SBW
Silver	ND		mg/Kg	0.52	0.16	0.95	338281	04/19/24	04/21/24	SBW
Thallium	ND		mg/Kg	3.1	0.91	0.95	338281	04/19/24	04/21/24	SBW
Vanadium	37		mg/Kg	1.0	0.082	0.95	338281	04/19/24	04/21/24	SBW
Zinc	96		mg/Kg	5.2	0.38	0.95	338281	04/19/24	04/21/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	0.050	J	mg/Kg	0.16	0.040	1	338363	04/22/24	04/22/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M										
GRO C6-C12	ND		mg/Kg	11		0.99	338322	04/20/24	04/22/24	TJW
DRO C10-C28	8.1	J	mg/Kg	11	3.8	0.99	338322	04/20/24	04/22/24	TJW
ORO C28-C44	6.1	J	mg/Kg	22	3.8	0.99	338322	04/20/24	04/22/24	TJW
Surrogates				Limits						
n-Triacontane	119%		%REC	70-130		0.99	338322	04/20/24	04/22/24	TJW
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.4	1.3	0.99	338342	04/21/24	04/23/24	KLR
beta-BHC	ND		ug/Kg	5.4	1.8	0.99	338342	04/21/24	04/23/24	KLR
gamma-BHC	ND		ug/Kg	5.4	1.1	0.99	338342	04/21/24	04/23/24	KLR
delta-BHC	ND		ug/Kg	5.4	1.5	0.99	338342	04/21/24	04/23/24	KLR
Heptachlor	ND		ug/Kg	5.4	1.6	0.99	338342	04/21/24	04/23/24	KLR
Aldrin	ND		ug/Kg	5.4	1.4	0.99	338342	04/21/24	04/23/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.4	2.0	0.99	338342	04/21/24	04/23/24	KLR
Endosulfan I	ND		ug/Kg	5.4	1.6	0.99	338342	04/21/24	04/23/24	KLR
Dieldrin	ND		ug/Kg	5.4	1.6	0.99	338342	04/21/24	04/23/24	KLR
4,4'-DDE	ND		ug/Kg	5.4	1.6	0.99	338342	04/21/24	04/23/24	KLR
Endrin	ND		ug/Kg	5.4	1.7	0.99	338342	04/21/24	04/23/24	KLR
Endosulfan II	ND		ug/Kg	5.4	1.7	0.99	338342	04/21/24	04/23/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.4	1.8	0.99	338342	04/21/24	04/23/24	KLR
4,4'-DDD	ND		ug/Kg	5.4	1.2	0.99	338342	04/21/24	04/23/24	KLR

Analysis Results for 506595

506595-008 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.4	1.8	0.99	338342	04/21/24	04/23/24	KLR
Endrin ketone	ND		ug/Kg	5.4	1.5	0.99	338342	04/21/24	04/23/24	KLR
4,4'-DDT	ND		ug/Kg	5.4	1.6	0.99	338342	04/21/24	04/23/24	KLR
Methoxychlor	ND		ug/Kg	11	5.5	0.99	338342	04/21/24	04/23/24	KLR
Toxaphene	ND		ug/Kg	110	16	0.99	338342	04/21/24	04/23/24	KLR
Chlordane (Technical)	ND		ug/Kg	54	12	0.99	338342	04/21/24	04/23/24	KLR
Surrogates				Limits						
TCMX	90%		%REC	23-120		0.99	338342	04/21/24	04/23/24	KLR
Decachlorobiphenyl	86%		%REC	24-120		0.99	338342	04/21/24	04/23/24	KLR

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	54	16	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1221	ND		ug/Kg	54	25	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1232	ND		ug/Kg	54	20	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1242	ND		ug/Kg	54	19	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1248	ND		ug/Kg	54	23	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1254	ND		ug/Kg	54	7.1	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1260	ND		ug/Kg	54	27	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1262	ND		ug/Kg	54	18	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1268	ND		ug/Kg	54	15	0.99	338342	04/21/24	04/23/24	KLR

Surrogates

Limits

Decachlorobiphenyl (PCB)	88%		%REC	19-121		0.99	338342	04/21/24	04/23/24	KLR
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Method: EPA 8260B

Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	4.0	0.6	0.72	338583	04/24/24	04/24/24	EJB
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.0	1.3	0.72	338583	04/24/24	04/24/24	EJB
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.0	1.9	0.72	338583	04/24/24	04/24/24	EJB
Freon 12	ND		ug/Kg	4.0	1.4	0.72	338583	04/24/24	04/24/24	EJB
Chloromethane	ND		ug/Kg	4.0	1.8	0.72	338583	04/24/24	04/24/24	EJB
Vinyl Chloride	ND		ug/Kg	4.0	1.8	0.72	338583	04/24/24	04/24/24	EJB
Bromomethane	ND		ug/Kg	4.0	1.8	0.72	338583	04/24/24	04/24/24	EJB
Chloroethane	ND		ug/Kg	4.0	1.1	0.72	338583	04/24/24	04/24/24	EJB
Trichlorofluoromethane	ND		ug/Kg	4.0	1.1	0.72	338583	04/24/24	04/24/24	EJB
Acetone	ND		ug/Kg	79	48	0.72	338583	04/24/24	04/24/24	EJB
Freon 113	ND		ug/Kg	4.0	0.6	0.72	338583	04/24/24	04/24/24	EJB
1,1-Dichloroethene	ND		ug/Kg	4.0	1.0	0.72	338583	04/24/24	04/24/24	EJB
Methylene Chloride	ND		ug/Kg	4.0	2.9	0.72	338583	04/24/24	04/24/24	EJB
MTBE	ND		ug/Kg	4.0	0.7	0.72	338583	04/24/24	04/24/24	EJB
trans-1,2-Dichloroethene	ND		ug/Kg	4.0	1.0	0.72	338583	04/24/24	04/24/24	EJB
1,1-Dichloroethane	ND		ug/Kg	4.0	1.4	0.72	338583	04/24/24	04/24/24	EJB
2-Butanone	ND		ug/Kg	79	5.8	0.72	338583	04/24/24	04/24/24	EJB
cis-1,2-Dichloroethene	ND		ug/Kg	4.0	1.3	0.72	338583	04/24/24	04/24/24	EJB
2,2-Dichloropropane	ND		ug/Kg	4.0	0.7	0.72	338583	04/24/24	04/24/24	EJB
Chloroform	ND		ug/Kg	4.0	0.6	0.72	338583	04/24/24	04/24/24	EJB
Bromochloromethane	ND		ug/Kg	4.0	1.3	0.72	338583	04/24/24	04/24/24	EJB
1,1,1-Trichloroethane	ND		ug/Kg	4.0	1.0	0.72	338583	04/24/24	04/24/24	EJB
1,1-Dichloropropene	ND		ug/Kg	4.0	1.0	0.72	338583	04/24/24	04/24/24	EJB
Carbon Tetrachloride	ND		ug/Kg	4.0	1.2	0.72	338583	04/24/24	04/24/24	EJB
1,2-Dichloroethane	ND		ug/Kg	4.0	0.9	0.72	338583	04/24/24	04/24/24	EJB
Benzene	ND		ug/Kg	4.0	0.9	0.72	338583	04/24/24	04/24/24	EJB
Trichloroethene	ND		ug/Kg	4.0	0.7	0.72	338583	04/24/24	04/24/24	EJB

Analysis Results for 506595

506595-008 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloropropane	ND		ug/Kg	4.0	1.9	0.72	338583	04/24/24	04/24/24	EJB
Bromodichloromethane	ND		ug/Kg	4.0	1.1	0.72	338583	04/24/24	04/24/24	EJB
Dibromomethane	ND		ug/Kg	4.0	1.4	0.72	338583	04/24/24	04/24/24	EJB
4-Methyl-2-Pentanone	ND		ug/Kg	4.0	1.6	0.72	338583	04/24/24	04/24/24	EJB
cis-1,3-Dichloropropene	ND		ug/Kg	4.0	0.7	0.72	338583	04/24/24	04/24/24	EJB
Toluene	ND		ug/Kg	4.0	1.0	0.72	338583	04/24/24	04/24/24	EJB
trans-1,3-Dichloropropene	ND		ug/Kg	4.0	0.6	0.72	338583	04/24/24	04/24/24	EJB
1,1,2-Trichloroethane	ND		ug/Kg	4.0	1.5	0.72	338583	04/24/24	04/24/24	EJB
1,3-Dichloropropane	ND		ug/Kg	4.0	1.1	0.72	338583	04/24/24	04/24/24	EJB
Tetrachloroethene	ND		ug/Kg	4.0	0.9	0.72	338583	04/24/24	04/24/24	EJB
Dibromochloromethane	ND		ug/Kg	4.0	0.7	0.72	338583	04/24/24	04/24/24	EJB
1,2-Dibromoethane	ND		ug/Kg	4.0	1.0	0.72	338583	04/24/24	04/24/24	EJB
Chlorobenzene	ND		ug/Kg	4.0	0.6	0.72	338583	04/24/24	04/24/24	EJB
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.0	0.9	0.72	338583	04/24/24	04/24/24	EJB
Ethylbenzene	ND		ug/Kg	4.0	0.7	0.72	338583	04/24/24	04/24/24	EJB
m,p-Xylenes	ND		ug/Kg	7.9	1.5	0.72	338583	04/24/24	04/24/24	EJB
o-Xylene	ND		ug/Kg	4.0	0.8	0.72	338583	04/24/24	04/24/24	EJB
Styrene	ND		ug/Kg	4.0	0.9	0.72	338583	04/24/24	04/24/24	EJB
Bromoform	ND		ug/Kg	4.0	0.5	0.72	338583	04/24/24	04/24/24	EJB
Isopropylbenzene	ND		ug/Kg	4.0	0.5	0.72	338583	04/24/24	04/24/24	EJB
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.0	1.7	0.72	338583	04/24/24	04/24/24	EJB
1,2,3-Trichloropropane	ND		ug/Kg	4.0	1.2	0.72	338583	04/24/24	04/24/24	EJB
Propylbenzene	ND		ug/Kg	4.0	0.6	0.72	338583	04/24/24	04/24/24	EJB
Bromobenzene	ND		ug/Kg	4.0	0.9	0.72	338583	04/24/24	04/24/24	EJB
1,3,5-Trimethylbenzene	ND		ug/Kg	4.0	0.5	0.72	338583	04/24/24	04/24/24	EJB
2-Chlorotoluene	ND		ug/Kg	4.0	1.0	0.72	338583	04/24/24	04/24/24	EJB
4-Chlorotoluene	ND		ug/Kg	4.0	0.9	0.72	338583	04/24/24	04/24/24	EJB
tert-Butylbenzene	ND		ug/Kg	4.0	0.5	0.72	338583	04/24/24	04/24/24	EJB
1,2,4-Trimethylbenzene	ND		ug/Kg	4.0	0.6	0.72	338583	04/24/24	04/24/24	EJB
sec-Butylbenzene	ND		ug/Kg	4.0	0.5	0.72	338583	04/24/24	04/24/24	EJB
para-Isopropyl Toluene	ND		ug/Kg	4.0	0.5	0.72	338583	04/24/24	04/24/24	EJB
1,3-Dichlorobenzene	ND		ug/Kg	4.0	1.1	0.72	338583	04/24/24	04/24/24	EJB
1,4-Dichlorobenzene	ND		ug/Kg	4.0	0.9	0.72	338583	04/24/24	04/24/24	EJB
n-Butylbenzene	ND		ug/Kg	4.0	0.7	0.72	338583	04/24/24	04/24/24	EJB
1,2-Dichlorobenzene	ND		ug/Kg	4.0	0.7	0.72	338583	04/24/24	04/24/24	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.0	1.4	0.72	338583	04/24/24	04/24/24	EJB
1,2,4-Trichlorobenzene	ND		ug/Kg	4.0	1.0	0.72	338583	04/24/24	04/24/24	EJB
Hexachlorobutadiene	ND		ug/Kg	4.0	0.9	0.72	338583	04/24/24	04/24/24	EJB
Naphthalene	ND		ug/Kg	4.0	1.1	0.72	338583	04/24/24	04/24/24	EJB
1,2,3-Trichlorobenzene	ND		ug/Kg	4.0	0.5	0.72	338583	04/24/24	04/24/24	EJB
Xylene (total)	ND		ug/Kg	4.0		0.72	338583	04/24/24	04/24/24	EJB

Surrogates	Limits									
Dibromofluoromethane	95%		%REC	70-145		0.72	338583	04/24/24	04/24/24	EJB
1,2-Dichloroethane-d4	109%		%REC	70-145		0.72	338583	04/24/24	04/24/24	EJB
Toluene-d8	98%		%REC	70-145		0.72	338583	04/24/24	04/24/24	EJB
Bromofluorobenzene	101%		%REC	70-145		0.72	338583	04/24/24	04/24/24	EJB

Method: EPA 8270C-SIM
Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	22	6.6	2	338344	04/21/24	04/26/24	HQN
2-Methylnaphthalene	10	J	ug/Kg	22	9.5	2	338344	04/21/24	04/26/24	HQN
Naphthalene	ND		ug/Kg	22	7.8	2	338344	04/21/24	04/26/24	HQN
Acenaphthylene	ND		ug/Kg	22	7.8	2	338344	04/21/24	04/26/24	HQN

Analysis Results for 506595

506595-008 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	22	7.3	2	338344	04/21/24	04/26/24	HQN
Fluorene	ND		ug/Kg	22	5.9	2	338344	04/21/24	04/26/24	HQN
Phenanthrene	64		ug/Kg	22	7.6	2	338344	04/21/24	04/26/24	HQN
Anthracene	9.7	J	ug/Kg	22	7.4	2	338344	04/21/24	04/26/24	HQN
Fluoranthene	35		ug/Kg	22	7.3	2	338344	04/21/24	04/26/24	HQN
Pyrene	54		ug/Kg	22	7.9	2	338344	04/21/24	04/26/24	HQN
Benzo(a)anthracene	36		ug/Kg	22	6.1	2	338344	04/21/24	04/26/24	HQN
Chrysene	77		ug/Kg	22	5.4	2	338344	04/21/24	04/26/24	HQN
Benzo(b)fluoranthene	36		ug/Kg	22	7.0	2	338344	04/21/24	04/26/24	HQN
Benzo(k)fluoranthene	11	J	ug/Kg	22	7.8	2	338344	04/21/24	04/26/24	HQN
Benzo(a)pyrene	28		ug/Kg	22	4.3	2	338344	04/21/24	04/26/24	HQN
Indeno(1,2,3-cd)pyrene	17	J	ug/Kg	22	6.6	2	338344	04/21/24	04/26/24	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	22	9.9	2	338344	04/21/24	04/26/24	HQN
Benzo(g,h,i)perylene	24		ug/Kg	22	7.9	2	338344	04/21/24	04/26/24	HQN
Surrogates				Limits						
Nitrobenzene-d5	86%		%REC	27-125		9.9	338344	04/21/24	04/25/24	HQN
2-Fluorobiphenyl	81%		%REC	30-120		9.9	338344	04/21/24	04/25/24	HQN
Terphenyl-d14	77%		%REC	33-155		9.9	338344	04/21/24	04/25/24	HQN

Analysis Results for 506595

Sample ID: PC 1-3.5	Lab ID: 506595-009	Collected: 04/16/24 10:15
	Matrix: Soil	Basis: Dry

506595-009 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	6		%	1		1	338380	04/22/24	04/23/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.1	1.3	0.97	338281	04/19/24	04/21/24	SBW
Arsenic	2.7		mg/Kg	1.0	0.61	0.97	338281	04/19/24	04/21/24	SBW
Barium	42		mg/Kg	1.0	0.37	0.97	338281	04/19/24	04/21/24	SBW
Beryllium	0.21	J	mg/Kg	0.52	0.011	0.97	338281	04/19/24	04/21/24	SBW
Cadmium	0.056	J	mg/Kg	0.52	0.047	0.97	338281	04/19/24	04/21/24	SBW
Chromium	12		mg/Kg	1.0	0.12	0.97	338281	04/19/24	04/21/24	SBW
Cobalt	2.0		mg/Kg	0.52	0.28	0.97	338281	04/19/24	04/21/24	SBW
Copper	1.5		mg/Kg	1.0	0.21	0.97	338281	04/19/24	04/21/24	SBW
Lead	1.4		mg/Kg	1.0	0.39	0.97	338281	04/19/24	04/21/24	SBW
Molybdenum	ND		mg/Kg	1.1	1.1	0.97	338281	04/19/24	04/21/24	SBW
Nickel	9.3		mg/Kg	1.0	0.18	0.97	338281	04/19/24	04/21/24	SBW
Selenium	ND		mg/Kg	3.1	0.87	0.97	338281	04/19/24	04/21/24	SBW
Silver	ND		mg/Kg	0.52	0.16	0.97	338281	04/19/24	04/21/24	SBW
Thallium	ND		mg/Kg	3.1	0.90	0.97	338281	04/19/24	04/21/24	SBW
Vanadium	13		mg/Kg	1.0	0.081	0.97	338281	04/19/24	04/21/24	SBW
Zinc	9.9		mg/Kg	5.2	0.38	0.97	338281	04/19/24	04/21/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.16	0.041	1.1	338363	04/22/24	04/22/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M										
GRO C6-C12	ND		mg/Kg	11		0.99	338322	04/20/24	04/22/24	TJW
DRO C10-C28	ND		mg/Kg	11	3.7	0.99	338322	04/20/24	04/22/24	TJW
ORO C28-C44	ND		mg/Kg	21	3.7	0.99	338322	04/20/24	04/22/24	TJW
Surrogates				Limits						
n-Triacontane	119%		%REC	70-130		0.99	338322	04/20/24	04/22/24	TJW
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.4	1.3	1	338342	04/21/24	04/23/24	KLR
beta-BHC	ND		ug/Kg	5.4	1.8	1	338342	04/21/24	04/23/24	KLR
gamma-BHC	ND		ug/Kg	5.4	1.1	1	338342	04/21/24	04/23/24	KLR
delta-BHC	ND		ug/Kg	5.4	1.5	1	338342	04/21/24	04/23/24	KLR
Heptachlor	ND		ug/Kg	5.4	1.6	1	338342	04/21/24	04/23/24	KLR
Aldrin	ND		ug/Kg	5.4	1.4	1	338342	04/21/24	04/23/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.4	2.0	1	338342	04/21/24	04/23/24	KLR
Endosulfan I	ND		ug/Kg	5.4	1.5	1	338342	04/21/24	04/23/24	KLR
Dieldrin	ND		ug/Kg	5.4	1.6	1	338342	04/21/24	04/23/24	KLR
4,4'-DDE	ND		ug/Kg	5.4	1.6	1	338342	04/21/24	04/23/24	KLR
Endrin	ND		ug/Kg	5.4	1.7	1	338342	04/21/24	04/23/24	KLR
Endosulfan II	ND		ug/Kg	5.4	1.7	1	338342	04/21/24	04/23/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.4	1.8	1	338342	04/21/24	04/23/24	KLR
4,4'-DDD	ND		ug/Kg	5.4	1.2	1	338342	04/21/24	04/23/24	KLR

Analysis Results for 506595

506595-009 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.4	1.8	1	338342	04/21/24	04/23/24	KLR
Endrin ketone	ND		ug/Kg	5.4	1.5	1	338342	04/21/24	04/23/24	KLR
4,4'-DDT	ND		ug/Kg	5.4	1.6	1	338342	04/21/24	04/23/24	KLR
Methoxychlor	ND		ug/Kg	11	5.5	1	338342	04/21/24	04/23/24	KLR
Toxaphene	ND		ug/Kg	110	16	1	338342	04/21/24	04/23/24	KLR
Chlordane (Technical)	ND		ug/Kg	54	12	1	338342	04/21/24	04/23/24	KLR
Surrogates				Limits						
TCMX	81%		%REC	23-120		1	338342	04/21/24	04/23/24	KLR
Decachlorobiphenyl	81%		%REC	24-120		1	338342	04/21/24	04/23/24	KLR

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	54	16	1	338342	04/21/24	04/23/24	KLR
Aroclor-1221	ND		ug/Kg	54	25	1	338342	04/21/24	04/23/24	KLR
Aroclor-1232	ND		ug/Kg	54	20	1	338342	04/21/24	04/23/24	KLR
Aroclor-1242	ND		ug/Kg	54	19	1	338342	04/21/24	04/23/24	KLR
Aroclor-1248	ND		ug/Kg	54	23	1	338342	04/21/24	04/23/24	KLR
Aroclor-1254	ND		ug/Kg	54	7.1	1	338342	04/21/24	04/23/24	KLR
Aroclor-1260	ND		ug/Kg	54	27	1	338342	04/21/24	04/23/24	KLR
Aroclor-1262	ND		ug/Kg	54	18	1	338342	04/21/24	04/23/24	KLR
Aroclor-1268	ND		ug/Kg	54	15	1	338342	04/21/24	04/23/24	KLR

Surrogates

Limits

Decachlorobiphenyl (PCB)	85%		%REC	19-121		1	338342	04/21/24	04/23/24	KLR
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Method: EPA 8260B

Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	4.6	1.1	0.86	338712	04/25/24	04/25/24	HMN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.6	1.7	0.86	338712	04/25/24	04/25/24	HMN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.6	0.9	0.86	338712	04/25/24	04/25/24	HMN
Freon 12	ND		ug/Kg	4.6	0.9	0.86	338712	04/25/24	04/25/24	HMN
Chloromethane	ND		ug/Kg	4.6	0.8	0.86	338712	04/25/24	04/25/24	HMN
Vinyl Chloride	ND		ug/Kg	4.6	0.9	0.86	338712	04/25/24	04/25/24	HMN
Bromomethane	ND		ug/Kg	4.6	1.0	0.86	338712	04/25/24	04/25/24	HMN
Chloroethane	ND		ug/Kg	4.6	2.2	0.86	338712	04/25/24	04/25/24	HMN
Trichlorofluoromethane	ND		ug/Kg	4.6	0.8	0.86	338712	04/25/24	04/25/24	HMN
Acetone	ND		ug/Kg	92	29	0.86	338712	04/25/24	04/25/24	HMN
Freon 113	ND		ug/Kg	4.6	0.7	0.86	338712	04/25/24	04/25/24	HMN
1,1-Dichloroethene	ND		ug/Kg	4.6	1.0	0.86	338712	04/25/24	04/25/24	HMN
Methylene Chloride	ND		ug/Kg	4.6	3.1	0.86	338712	04/25/24	04/25/24	HMN
MTBE	ND		ug/Kg	4.6	0.9	0.86	338712	04/25/24	04/25/24	HMN
trans-1,2-Dichloroethene	ND		ug/Kg	4.6	1.0	0.86	338712	04/25/24	04/25/24	HMN
1,1-Dichloroethane	ND		ug/Kg	4.6	0.8	0.86	338712	04/25/24	04/25/24	HMN
2-Butanone	ND		ug/Kg	92	3.9	0.86	338712	04/25/24	04/25/24	HMN
cis-1,2-Dichloroethene	ND		ug/Kg	4.6	0.7	0.86	338712	04/25/24	04/25/24	HMN
2,2-Dichloropropane	ND		ug/Kg	4.6	2.3	0.86	338712	04/25/24	04/25/24	HMN
Chloroform	ND		ug/Kg	4.6	0.9	0.86	338712	04/25/24	04/25/24	HMN
Bromochloromethane	ND		ug/Kg	4.6	0.4	0.86	338712	04/25/24	04/25/24	HMN
1,1,1-Trichloroethane	ND		ug/Kg	4.6	1.2	0.86	338712	04/25/24	04/25/24	HMN
1,1-Dichloropropene	ND		ug/Kg	4.6	0.7	0.86	338712	04/25/24	04/25/24	HMN
Carbon Tetrachloride	ND		ug/Kg	4.6	1.1	0.86	338712	04/25/24	04/25/24	HMN
1,2-Dichloroethane	ND		ug/Kg	4.6	0.9	0.86	338712	04/25/24	04/25/24	HMN
Benzene	ND		ug/Kg	4.6	0.5	0.86	338712	04/25/24	04/25/24	HMN
Trichloroethene	ND		ug/Kg	4.6	0.6	0.86	338712	04/25/24	04/25/24	HMN

Analysis Results for 506595

506595-009 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloropropane	ND		ug/Kg	4.6	0.7	0.86	338712	04/25/24	04/25/24	HMN
Bromodichloromethane	ND		ug/Kg	4.6	1.0	0.86	338712	04/25/24	04/25/24	HMN
Dibromomethane	ND		ug/Kg	4.6	0.4	0.86	338712	04/25/24	04/25/24	HMN
4-Methyl-2-Pentanone	ND		ug/Kg	4.6	1.5	0.86	338712	04/25/24	04/25/24	HMN
cis-1,3-Dichloropropene	ND		ug/Kg	4.6	1.0	0.86	338712	04/25/24	04/25/24	HMN
Toluene	ND		ug/Kg	4.6	0.9	0.86	338712	04/25/24	04/25/24	HMN
trans-1,3-Dichloropropene	ND		ug/Kg	4.6	1.3	0.86	338712	04/25/24	04/25/24	HMN
1,1,2-Trichloroethane	ND		ug/Kg	4.6	0.4	0.86	338712	04/25/24	04/25/24	HMN
1,3-Dichloropropane	ND		ug/Kg	4.6	0.6	0.86	338712	04/25/24	04/25/24	HMN
Tetrachloroethene	ND		ug/Kg	4.6	0.5	0.86	338712	04/25/24	04/25/24	HMN
Dibromochloromethane	ND		ug/Kg	4.6	0.5	0.86	338712	04/25/24	04/25/24	HMN
1,2-Dibromoethane	ND		ug/Kg	4.6	0.6	0.86	338712	04/25/24	04/25/24	HMN
Chlorobenzene	ND		ug/Kg	4.6	0.4	0.86	338712	04/25/24	04/25/24	HMN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.6	0.7	0.86	338712	04/25/24	04/25/24	HMN
Ethylbenzene	ND		ug/Kg	4.6	0.6	0.86	338712	04/25/24	04/25/24	HMN
m,p-Xylenes	ND		ug/Kg	9.2	0.7	0.86	338712	04/25/24	04/25/24	HMN
o-Xylene	ND		ug/Kg	4.6	0.4	0.86	338712	04/25/24	04/25/24	HMN
Styrene	ND		ug/Kg	4.6	0.3	0.86	338712	04/25/24	04/25/24	HMN
Bromoform	ND		ug/Kg	4.6	0.9	0.86	338712	04/25/24	04/25/24	HMN
Isopropylbenzene	ND		ug/Kg	4.6	0.3	0.86	338712	04/25/24	04/25/24	HMN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.6	0.4	0.86	338712	04/25/24	04/25/24	HMN
1,2,3-Trichloropropane	ND		ug/Kg	4.6	1.1	0.86	338712	04/25/24	04/25/24	HMN
Propylbenzene	ND		ug/Kg	4.6	0.3	0.86	338712	04/25/24	04/25/24	HMN
Bromobenzene	ND		ug/Kg	4.6	0.4	0.86	338712	04/25/24	04/25/24	HMN
1,3,5-Trimethylbenzene	ND		ug/Kg	4.6	0.4	0.86	338712	04/25/24	04/25/24	HMN
2-Chlorotoluene	ND		ug/Kg	4.6	0.4	0.86	338712	04/25/24	04/25/24	HMN
4-Chlorotoluene	ND		ug/Kg	4.6	0.3	0.86	338712	04/25/24	04/25/24	HMN
tert-Butylbenzene	ND		ug/Kg	4.6	0.3	0.86	338712	04/25/24	04/25/24	HMN
1,2,4-Trimethylbenzene	ND		ug/Kg	4.6	0.3	0.86	338712	04/25/24	04/25/24	HMN
sec-Butylbenzene	ND		ug/Kg	4.6	0.4	0.86	338712	04/25/24	04/25/24	HMN
para-Isopropyl Toluene	ND		ug/Kg	4.6	0.3	0.86	338712	04/25/24	04/25/24	HMN
1,3-Dichlorobenzene	ND		ug/Kg	4.6	0.3	0.86	338712	04/25/24	04/25/24	HMN
1,4-Dichlorobenzene	ND		ug/Kg	4.6	0.2	0.86	338712	04/25/24	04/25/24	HMN
n-Butylbenzene	ND		ug/Kg	4.6	0.4	0.86	338712	04/25/24	04/25/24	HMN
1,2-Dichlorobenzene	ND		ug/Kg	4.6	0.4	0.86	338712	04/25/24	04/25/24	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.6	1.1	0.86	338712	04/25/24	04/25/24	HMN
1,2,4-Trichlorobenzene	ND		ug/Kg	4.6	0.5	0.86	338712	04/25/24	04/25/24	HMN
Hexachlorobutadiene	ND		ug/Kg	4.6	0.6	0.86	338712	04/25/24	04/25/24	HMN
Naphthalene	ND		ug/Kg	4.6	1.1	0.86	338712	04/25/24	04/25/24	HMN
1,2,3-Trichlorobenzene	ND		ug/Kg	4.6	0.7	0.86	338712	04/25/24	04/25/24	HMN
Xylene (total)	ND		ug/Kg	4.6		0.86	338712	04/25/24	04/25/24	HMN

Surrogates	Limits									
Dibromofluoromethane	100%	%REC	70-145		0.86	338712	04/25/24	04/25/24	HMN	
1,2-Dichloroethane-d4	104%	%REC	70-145		0.86	338712	04/25/24	04/25/24	HMN	
Toluene-d8	99%	%REC	70-145		0.86	338712	04/25/24	04/25/24	HMN	
Bromofluorobenzene	101%	%REC	70-145		0.86	338712	04/25/24	04/25/24	HMN	

Method: EPA 8270C-SIM
Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	11	1.6	0.99	338344	04/21/24	04/24/24	HQN
2-Methylnaphthalene	ND		ug/Kg	11	1.6	0.99	338344	04/21/24	04/24/24	HQN
Naphthalene	ND		ug/Kg	11	3.8	0.99	338344	04/21/24	04/24/24	HQN
Acenaphthylene	ND		ug/Kg	11	1.7	0.99	338344	04/21/24	04/24/24	HQN

Analysis Results for 506595

506595-009 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	11	1.1	0.99	338344	04/21/24	04/24/24	HQN
Fluorene	ND		ug/Kg	11	1.3	0.99	338344	04/21/24	04/24/24	HQN
Phenanthrene	ND		ug/Kg	11	2.3	0.99	338344	04/21/24	04/24/24	HQN
Anthracene	ND		ug/Kg	11	1.5	0.99	338344	04/21/24	04/24/24	HQN
Fluoranthene	ND		ug/Kg	11	3.5	0.99	338344	04/21/24	04/24/24	HQN
Pyrene	ND		ug/Kg	11	3.8	0.99	338344	04/21/24	04/24/24	HQN
Benzo(a)anthracene	ND		ug/Kg	11	1.1	0.99	338344	04/21/24	04/24/24	HQN
Chrysene	ND		ug/Kg	11	1.0	0.99	338344	04/21/24	04/24/24	HQN
Benzo(b)fluoranthene	ND		ug/Kg	11	0.98	0.99	338344	04/21/24	04/24/24	HQN
Benzo(k)fluoranthene	ND		ug/Kg	11	1.1	0.99	338344	04/21/24	04/24/24	HQN
Benzo(a)pyrene	ND		ug/Kg	11	1.4	0.99	338344	04/21/24	04/24/24	HQN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	11	1.6	0.99	338344	04/21/24	04/24/24	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	11	3.0	0.99	338344	04/21/24	04/24/24	HQN
Benzo(g,h,i)perylene	ND		ug/Kg	11	1.7	0.99	338344	04/21/24	04/24/24	HQN
Surrogates				Limits						
Nitrobenzene-d5	98%		%REC	27-125		9.9	338344	04/21/24	04/25/24	HQN
2-Fluorobiphenyl	84%		%REC	30-120		9.9	338344	04/21/24	04/25/24	HQN
Terphenyl-d14	83%		%REC	33-155		9.9	338344	04/21/24	04/25/24	HQN

Analysis Results for 506595

Sample ID: PC 2-1.5	Lab ID: 506595-010	Collected: 04/16/24 10:27
	Matrix: Soil	Basis: Dry

506595-010 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	5		%	1		1	338380	04/22/24	04/23/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.1	1.2	0.97	338281	04/19/24	04/21/24	SBW
Arsenic	2.7		mg/Kg	1.0	0.60	0.97	338281	04/19/24	04/21/24	SBW
Barium	34		mg/Kg	1.0	0.36	0.97	338281	04/19/24	04/21/24	SBW
Beryllium	0.17	J	mg/Kg	0.51	0.011	0.97	338281	04/19/24	04/21/24	SBW
Cadmium	0.13	J	mg/Kg	0.51	0.047	0.97	338281	04/19/24	04/21/24	SBW
Chromium	13		mg/Kg	1.0	0.12	0.97	338281	04/19/24	04/21/24	SBW
Cobalt	2.1		mg/Kg	0.51	0.28	0.97	338281	04/19/24	04/21/24	SBW
Copper	11		mg/Kg	1.0	0.21	0.97	338281	04/19/24	04/21/24	SBW
Lead	26		mg/Kg	1.0	0.39	0.97	338281	04/19/24	04/21/24	SBW
Molybdenum	ND		mg/Kg	1.1	1.1	0.97	338281	04/19/24	04/21/24	SBW
Nickel	8.6		mg/Kg	1.0	0.17	0.97	338281	04/19/24	04/21/24	SBW
Selenium	ND		mg/Kg	3.1	0.86	0.97	338281	04/19/24	04/21/24	SBW
Silver	ND		mg/Kg	0.51	0.16	0.97	338281	04/19/24	04/21/24	SBW
Thallium	ND		mg/Kg	3.1	0.89	0.97	338281	04/19/24	04/21/24	SBW
Vanadium	17		mg/Kg	1.0	0.080	0.97	338281	04/19/24	04/21/24	SBW
Zinc	32		mg/Kg	5.1	0.38	0.97	338281	04/19/24	04/21/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.17	0.042	1.1	338363	04/22/24	04/22/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M										
GRO C6-C12	ND		mg/Kg	10		0.99	338322	04/20/24	04/23/24	TJW
DRO C10-C28	4.1	J	mg/Kg	10	3.6	0.99	338322	04/20/24	04/23/24	TJW
ORO C28-C44	4.1	J	mg/Kg	21	3.6	0.99	338322	04/20/24	04/23/24	TJW
Surrogates				Limits						
n-Triacontane	124%		%REC	70-130		0.99	338322	04/20/24	04/23/24	TJW
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.3	1.3	1	338342	04/21/24	04/23/24	KLR
beta-BHC	ND		ug/Kg	5.3	1.8	1	338342	04/21/24	04/23/24	KLR
gamma-BHC	ND		ug/Kg	5.3	1.1	1	338342	04/21/24	04/23/24	KLR
delta-BHC	ND		ug/Kg	5.3	1.4	1	338342	04/21/24	04/23/24	KLR
Heptachlor	ND		ug/Kg	5.3	1.6	1	338342	04/21/24	04/23/24	KLR
Aldrin	ND		ug/Kg	5.3	1.4	1	338342	04/21/24	04/23/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.3	1.9	1	338342	04/21/24	04/23/24	KLR
Endosulfan I	ND		ug/Kg	5.3	1.5	1	338342	04/21/24	04/23/24	KLR
Dieldrin	ND		ug/Kg	5.3	1.5	1	338342	04/21/24	04/23/24	KLR
4,4'-DDE	ND		ug/Kg	5.3	1.5	1	338342	04/21/24	04/23/24	KLR
Endrin	ND		ug/Kg	5.3	1.6	1	338342	04/21/24	04/23/24	KLR
Endosulfan II	ND		ug/Kg	5.3	1.6	1	338342	04/21/24	04/23/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.3	1.7	1	338342	04/21/24	04/23/24	KLR
4,4'-DDD	ND		ug/Kg	5.3	1.2	1	338342	04/21/24	04/23/24	KLR

Analysis Results for 506595

506595-010 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.3	1.8	1	338342	04/21/24	04/23/24	KLR
Endrin ketone	ND		ug/Kg	5.3	1.5	1	338342	04/21/24	04/23/24	KLR
4,4'-DDT	4.3	J	ug/Kg	5.3	1.5	1	338342	04/21/24	04/23/24	KLR
Methoxychlor	ND		ug/Kg	11	5.3	1	338342	04/21/24	04/23/24	KLR
Toxaphene	ND		ug/Kg	110	16	1	338342	04/21/24	04/23/24	KLR
Chlordane (Technical)	ND		ug/Kg	53	11	1	338342	04/21/24	04/23/24	KLR
Surrogates				Limits						
TCMX	85%		%REC	23-120		1	338342	04/21/24	04/23/24	KLR
Decachlorobiphenyl	89%		%REC	24-120		1	338342	04/21/24	04/23/24	KLR

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	53	15	1	338342	04/21/24	04/23/24	KLR
Aroclor-1221	ND		ug/Kg	53	24	1	338342	04/21/24	04/23/24	KLR
Aroclor-1232	ND		ug/Kg	53	20	1	338342	04/21/24	04/23/24	KLR
Aroclor-1242	ND		ug/Kg	53	19	1	338342	04/21/24	04/23/24	KLR
Aroclor-1248	ND		ug/Kg	53	22	1	338342	04/21/24	04/23/24	KLR
Aroclor-1254	ND		ug/Kg	53	6.9	1	338342	04/21/24	04/23/24	KLR
Aroclor-1260	ND		ug/Kg	53	26	1	338342	04/21/24	04/23/24	KLR
Aroclor-1262	ND		ug/Kg	53	17	1	338342	04/21/24	04/23/24	KLR
Aroclor-1268	ND		ug/Kg	53	14	1	338342	04/21/24	04/23/24	KLR

Surrogates

Limits

Decachlorobiphenyl (PCB)	89%		%REC	19-121		1	338342	04/21/24	04/23/24	KLR
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Method: EPA 8260B

Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	4.3	0.7	0.83	338690	04/25/24	04/25/24	HMN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.3	1.4	0.83	338690	04/25/24	04/25/24	HMN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.3	2.1	0.83	338690	04/25/24	04/25/24	HMN
Freon 12	ND		ug/Kg	4.3	1.5	0.83	338690	04/25/24	04/25/24	HMN
Chloromethane	ND		ug/Kg	4.3	2.0	0.83	338690	04/25/24	04/25/24	HMN
Vinyl Chloride	ND		ug/Kg	4.3	1.9	0.83	338690	04/25/24	04/25/24	HMN
Bromomethane	ND		ug/Kg	4.3	2.0	0.83	338690	04/25/24	04/25/24	HMN
Chloroethane	ND		ug/Kg	4.3	1.2	0.83	338690	04/25/24	04/25/24	HMN
Trichlorofluoromethane	ND		ug/Kg	4.3	1.3	0.83	338690	04/25/24	04/25/24	HMN
Acetone	71	J	ug/Kg	87	53	0.83	338690	04/25/24	04/25/24	HMN
Freon 113	ND		ug/Kg	4.3	0.7	0.83	338690	04/25/24	04/25/24	HMN
1,1-Dichloroethene	ND		ug/Kg	4.3	1.1	0.83	338690	04/25/24	04/25/24	HMN
Methylene Chloride	ND		ug/Kg	4.3	3.2	0.83	338690	04/25/24	04/25/24	HMN
MTBE	ND		ug/Kg	4.3	0.8	0.83	338690	04/25/24	04/25/24	HMN
trans-1,2-Dichloroethene	ND		ug/Kg	4.3	1.1	0.83	338690	04/25/24	04/25/24	HMN
1,1-Dichloroethane	ND		ug/Kg	4.3	1.5	0.83	338690	04/25/24	04/25/24	HMN
2-Butanone	7.3	J	ug/Kg	87	6.4	0.83	338690	04/25/24	04/25/24	HMN
cis-1,2-Dichloroethene	ND		ug/Kg	4.3	1.5	0.83	338690	04/25/24	04/25/24	HMN
2,2-Dichloropropane	ND		ug/Kg	4.3	0.8	0.83	338690	04/25/24	04/25/24	HMN
Chloroform	ND		ug/Kg	4.3	0.7	0.83	338690	04/25/24	04/25/24	HMN
Bromochloromethane	ND		ug/Kg	4.3	1.4	0.83	338690	04/25/24	04/25/24	HMN
1,1,1-Trichloroethane	ND		ug/Kg	4.3	1.1	0.83	338690	04/25/24	04/25/24	HMN
1,1-Dichloropropene	ND		ug/Kg	4.3	1.1	0.83	338690	04/25/24	04/25/24	HMN
Carbon Tetrachloride	ND		ug/Kg	4.3	1.3	0.83	338690	04/25/24	04/25/24	HMN
1,2-Dichloroethane	ND		ug/Kg	4.3	1.0	0.83	338690	04/25/24	04/25/24	HMN
Benzene	ND		ug/Kg	4.3	1.0	0.83	338690	04/25/24	04/25/24	HMN
Trichloroethene	ND		ug/Kg	4.3	0.7	0.83	338690	04/25/24	04/25/24	HMN

Analysis Results for 506595

506595-010 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloropropane	ND		ug/Kg	4.3	2.0	0.83	338690	04/25/24	04/25/24	HMN
Bromodichloromethane	ND		ug/Kg	4.3	1.2	0.83	338690	04/25/24	04/25/24	HMN
Dibromomethane	ND		ug/Kg	4.3	1.5	0.83	338690	04/25/24	04/25/24	HMN
4-Methyl-2-Pentanone	ND		ug/Kg	4.3	1.8	0.83	338690	04/25/24	04/25/24	HMN
cis-1,3-Dichloropropene	ND		ug/Kg	4.3	0.7	0.83	338690	04/25/24	04/25/24	HMN
Toluene	ND		ug/Kg	4.3	1.1	0.83	338690	04/25/24	04/25/24	HMN
trans-1,3-Dichloropropene	ND		ug/Kg	4.3	0.6	0.83	338690	04/25/24	04/25/24	HMN
1,1,2-Trichloroethane	ND		ug/Kg	4.3	1.6	0.83	338690	04/25/24	04/25/24	HMN
1,3-Dichloropropane	ND		ug/Kg	4.3	1.2	0.83	338690	04/25/24	04/25/24	HMN
Tetrachloroethene	ND		ug/Kg	4.3	1.0	0.83	338690	04/25/24	04/25/24	HMN
Dibromochloromethane	ND		ug/Kg	4.3	0.8	0.83	338690	04/25/24	04/25/24	HMN
1,2-Dibromoethane	ND		ug/Kg	4.3	1.1	0.83	338690	04/25/24	04/25/24	HMN
Chlorobenzene	ND		ug/Kg	4.3	0.7	0.83	338690	04/25/24	04/25/24	HMN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.3	1.0	0.83	338690	04/25/24	04/25/24	HMN
Ethylbenzene	ND		ug/Kg	4.3	0.8	0.83	338690	04/25/24	04/25/24	HMN
m,p-Xylenes	ND		ug/Kg	8.7	1.7	0.83	338690	04/25/24	04/25/24	HMN
o-Xylene	ND		ug/Kg	4.3	0.9	0.83	338690	04/25/24	04/25/24	HMN
Styrene	ND		ug/Kg	4.3	0.9	0.83	338690	04/25/24	04/25/24	HMN
Bromoform	ND		ug/Kg	4.3	0.6	0.83	338690	04/25/24	04/25/24	HMN
Isopropylbenzene	ND		ug/Kg	4.3	0.6	0.83	338690	04/25/24	04/25/24	HMN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.3	1.8	0.83	338690	04/25/24	04/25/24	HMN
1,2,3-Trichloropropane	ND		ug/Kg	4.3	1.3	0.83	338690	04/25/24	04/25/24	HMN
Propylbenzene	ND		ug/Kg	4.3	0.6	0.83	338690	04/25/24	04/25/24	HMN
Bromobenzene	ND		ug/Kg	4.3	0.9	0.83	338690	04/25/24	04/25/24	HMN
1,3,5-Trimethylbenzene	ND		ug/Kg	4.3	0.5	0.83	338690	04/25/24	04/25/24	HMN
2-Chlorotoluene	ND		ug/Kg	4.3	1.1	0.83	338690	04/25/24	04/25/24	HMN
4-Chlorotoluene	ND		ug/Kg	4.3	1.0	0.83	338690	04/25/24	04/25/24	HMN
tert-Butylbenzene	ND		ug/Kg	4.3	0.5	0.83	338690	04/25/24	04/25/24	HMN
1,2,4-Trimethylbenzene	ND		ug/Kg	4.3	0.7	0.83	338690	04/25/24	04/25/24	HMN
sec-Butylbenzene	ND		ug/Kg	4.3	0.6	0.83	338690	04/25/24	04/25/24	HMN
para-Isopropyl Toluene	1.7	J	ug/Kg	4.3	0.6	0.83	338690	04/25/24	04/25/24	HMN
1,3-Dichlorobenzene	ND		ug/Kg	4.3	1.3	0.83	338690	04/25/24	04/25/24	HMN
1,4-Dichlorobenzene	ND		ug/Kg	4.3	1.0	0.83	338690	04/25/24	04/25/24	HMN
n-Butylbenzene	ND		ug/Kg	4.3	0.8	0.83	338690	04/25/24	04/25/24	HMN
1,2-Dichlorobenzene	ND		ug/Kg	4.3	0.7	0.83	338690	04/25/24	04/25/24	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.3	1.5	0.83	338690	04/25/24	04/25/24	HMN
1,2,4-Trichlorobenzene	ND		ug/Kg	4.3	1.1	0.83	338690	04/25/24	04/25/24	HMN
Hexachlorobutadiene	ND		ug/Kg	4.3	1.0	0.83	338690	04/25/24	04/25/24	HMN
Naphthalene	ND		ug/Kg	4.3	1.2	0.83	338690	04/25/24	04/25/24	HMN
1,2,3-Trichlorobenzene	ND		ug/Kg	4.3	0.6	0.83	338690	04/25/24	04/25/24	HMN
Xylene (total)	ND		ug/Kg	4.3		0.83	338690	04/25/24	04/25/24	HMN

Surrogates	Limits									
Dibromofluoromethane	98%		%REC	70-145		0.83	338690	04/25/24	04/25/24	HMN
1,2-Dichloroethane-d4	110%		%REC	70-145		0.83	338690	04/25/24	04/25/24	HMN
Toluene-d8	96%		%REC	70-145		0.83	338690	04/25/24	04/25/24	HMN
Bromofluorobenzene	98%		%REC	70-145		0.83	338690	04/25/24	04/25/24	HMN

Method: EPA 8270C-SIM
Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	11	1.6	1	338344	04/21/24	04/24/24	HQN
2-Methylnaphthalene	ND		ug/Kg	11	1.6	1	338344	04/21/24	04/24/24	HQN
Naphthalene	ND		ug/Kg	11	3.8	1	338344	04/21/24	04/24/24	HQN
Acenaphthylene	ND		ug/Kg	11	1.7	1	338344	04/21/24	04/24/24	HQN

Analysis Results for 506595

506595-010 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	11	1.1	1	338344	04/21/24	04/24/24	HQN
Fluorene	ND		ug/Kg	11	1.3	1	338344	04/21/24	04/24/24	HQN
Phenanthrene	7.3	J	ug/Kg	11	2.3	1	338344	04/21/24	04/24/24	HQN
Anthracene	1.5	J	ug/Kg	11	1.5	1	338344	04/21/24	04/24/24	HQN
Fluoranthene	9.6	J	ug/Kg	11	3.6	1	338344	04/21/24	04/24/24	HQN
Pyrene	9.4	J	ug/Kg	11	3.8	1	338344	04/21/24	04/24/24	HQN
Benzo(a)anthracene	4.0	J	ug/Kg	11	1.1	1	338344	04/21/24	04/24/24	HQN
Chrysene	6.3	J	ug/Kg	11	1.0	1	338344	04/21/24	04/24/24	HQN
Benzo(b)fluoranthene	7.4	J	ug/Kg	11	0.98	1	338344	04/21/24	04/24/24	HQN
Benzo(k)fluoranthene	2.9	J	ug/Kg	11	1.1	1	338344	04/21/24	04/24/24	HQN
Benzo(a)pyrene	4.4	J	ug/Kg	11	1.4	1	338344	04/21/24	04/24/24	HQN
Indeno(1,2,3-cd)pyrene	4.5	J,b	ug/Kg	11	1.6	1	338344	04/21/24	04/24/24	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	11	3.0	1	338344	04/21/24	04/24/24	HQN
Benzo(g,h,i)perylene	7.1	J,b	ug/Kg	11	1.7	1	338344	04/21/24	04/24/24	HQN
Surrogates				Limits						
Nitrobenzene-d5	74%		%REC	27-125		10	338344	04/21/24	04/25/24	HQN
2-Fluorobiphenyl	74%		%REC	30-120		10	338344	04/21/24	04/25/24	HQN
Terphenyl-d14	75%		%REC	33-155		10	338344	04/21/24	04/25/24	HQN

Analysis Results for 506595

Sample ID: PC 3-2	Lab ID: 506595-011	Collected: 04/16/24 10:43
	Matrix: Soil	Basis: Dry

506595-011 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	9		%	1		1	338380	04/22/24	04/23/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.2	1.3	0.97	338281	04/19/24	04/21/24	SBW
Arsenic	2.0		mg/Kg	1.1	0.63	0.97	338281	04/19/24	04/21/24	SBW
Barium	24		mg/Kg	1.1	0.38	0.97	338281	04/19/24	04/21/24	SBW
Beryllium	0.10	B,J	mg/Kg	0.53	0.012	0.97	338281	04/19/24	04/21/24	SBW
Cadmium	0.17	J	mg/Kg	0.53	0.049	0.97	338281	04/19/24	04/21/24	SBW
Chromium	7.9		mg/Kg	1.1	0.13	0.97	338281	04/19/24	04/21/24	SBW
Cobalt	2.6		mg/Kg	0.53	0.29	0.97	338281	04/19/24	04/21/24	SBW
Copper	58		mg/Kg	1.1	0.22	0.97	338281	04/19/24	04/21/24	SBW
Lead	14		mg/Kg	1.1	0.40	0.97	338281	04/19/24	04/21/24	SBW
Molybdenum	ND		mg/Kg	1.2	1.2	0.97	338281	04/19/24	04/21/24	SBW
Nickel	5.7		mg/Kg	1.1	0.18	0.97	338281	04/19/24	04/21/24	SBW
Selenium	ND		mg/Kg	3.2	0.90	0.97	338281	04/19/24	04/21/24	SBW
Silver	ND		mg/Kg	0.53	0.16	0.97	338281	04/19/24	04/21/24	SBW
Thallium	ND		mg/Kg	3.2	0.93	0.97	338281	04/19/24	04/21/24	SBW
Vanadium	15		mg/Kg	1.1	0.084	0.97	338281	04/19/24	04/21/24	SBW
Zinc	24		mg/Kg	5.3	0.39	0.97	338281	04/19/24	04/21/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.17	0.042	1.1	338363	04/22/24	04/22/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M										
GRO C6-C12	ND		mg/Kg	11		1	338322	04/20/24	04/23/24	TJW
DRO C10-C28	ND		mg/Kg	11	3.8	1	338322	04/20/24	04/23/24	TJW
ORO C28-C44	ND		mg/Kg	22	3.8	1	338322	04/20/24	04/23/24	TJW
Surrogates				Limits						
n-Triacontane	124%		%REC	70-130		1	338322	04/20/24	04/23/24	TJW
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.6	1.4	1	338342	04/21/24	04/23/24	KLR
beta-BHC	ND		ug/Kg	5.6	1.9	1	338342	04/21/24	04/23/24	KLR
gamma-BHC	ND		ug/Kg	5.6	1.2	1	338342	04/21/24	04/23/24	KLR
delta-BHC	ND		ug/Kg	5.6	1.5	1	338342	04/21/24	04/23/24	KLR
Heptachlor	ND		ug/Kg	5.6	1.7	1	338342	04/21/24	04/23/24	KLR
Aldrin	ND		ug/Kg	5.6	1.4	1	338342	04/21/24	04/23/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.6	2.0	1	338342	04/21/24	04/23/24	KLR
Endosulfan I	ND		ug/Kg	5.6	1.6	1	338342	04/21/24	04/23/24	KLR
Dieldrin	ND		ug/Kg	5.6	1.6	1	338342	04/21/24	04/23/24	KLR
4,4'-DDE	ND		ug/Kg	5.6	1.6	1	338342	04/21/24	04/23/24	KLR
Endrin	ND		ug/Kg	5.6	1.8	1	338342	04/21/24	04/23/24	KLR
Endosulfan II	ND		ug/Kg	5.6	1.8	1	338342	04/21/24	04/23/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.6	1.8	1	338342	04/21/24	04/23/24	KLR
4,4'-DDD	ND		ug/Kg	5.6	1.2	1	338342	04/21/24	04/23/24	KLR

Analysis Results for 506595

506595-011 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.6	1.9	1	338342	04/21/24	04/23/24	KLR
Endrin ketone	ND		ug/Kg	5.6	1.6	1	338342	04/21/24	04/23/24	KLR
4,4'-DDT	ND		ug/Kg	5.6	1.6	1	338342	04/21/24	04/23/24	KLR
Methoxychlor	ND		ug/Kg	11	5.7	1	338342	04/21/24	04/23/24	KLR
Toxaphene	ND		ug/Kg	110	17	1	338342	04/21/24	04/23/24	KLR
Chlordane (Technical)	ND		ug/Kg	56	12	1	338342	04/21/24	04/23/24	KLR
Surrogates				Limits						
TCMX	93%		%REC	23-120		1	338342	04/21/24	04/23/24	KLR
Decachlorobiphenyl	93%		%REC	24-120		1	338342	04/21/24	04/23/24	KLR

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	56	16	1	338342	04/21/24	04/23/24	KLR
Aroclor-1221	ND		ug/Kg	56	25	1	338342	04/21/24	04/23/24	KLR
Aroclor-1232	ND		ug/Kg	56	21	1	338342	04/21/24	04/23/24	KLR
Aroclor-1242	ND		ug/Kg	56	20	1	338342	04/21/24	04/23/24	KLR
Aroclor-1248	ND		ug/Kg	56	24	1	338342	04/21/24	04/23/24	KLR
Aroclor-1254	ND		ug/Kg	56	7.4	1	338342	04/21/24	04/23/24	KLR
Aroclor-1260	ND		ug/Kg	56	27	1	338342	04/21/24	04/23/24	KLR
Aroclor-1262	ND		ug/Kg	56	18	1	338342	04/21/24	04/23/24	KLR
Aroclor-1268	ND		ug/Kg	56	15	1	338342	04/21/24	04/23/24	KLR

Surrogates

Limits

Decachlorobiphenyl (PCB)	92%		%REC	19-121		1	338342	04/21/24	04/23/24	KLR
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Method: EPA 8260B

Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	4.1	0.6	0.74	338690	04/25/24	04/25/24	HMN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.1	1.3	0.74	338690	04/25/24	04/25/24	HMN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.1	2.0	0.74	338690	04/25/24	04/25/24	HMN
Freon 12	ND		ug/Kg	4.1	1.4	0.74	338690	04/25/24	04/25/24	HMN
Chloromethane	ND		ug/Kg	4.1	1.9	0.74	338690	04/25/24	04/25/24	HMN
Vinyl Chloride	ND		ug/Kg	4.1	1.8	0.74	338690	04/25/24	04/25/24	HMN
Bromomethane	ND		ug/Kg	4.1	1.8	0.74	338690	04/25/24	04/25/24	HMN
Chloroethane	ND		ug/Kg	4.1	1.1	0.74	338690	04/25/24	04/25/24	HMN
Trichlorofluoromethane	ND		ug/Kg	4.1	1.2	0.74	338690	04/25/24	04/25/24	HMN
Acetone	120		ug/Kg	81	49	0.74	338690	04/25/24	04/25/24	HMN
Freon 113	ND		ug/Kg	4.1	0.6	0.74	338690	04/25/24	04/25/24	HMN
1,1-Dichloroethene	ND		ug/Kg	4.1	1.1	0.74	338690	04/25/24	04/25/24	HMN
Methylene Chloride	ND		ug/Kg	4.1	3.0	0.74	338690	04/25/24	04/25/24	HMN
MTBE	ND		ug/Kg	4.1	0.8	0.74	338690	04/25/24	04/25/24	HMN
trans-1,2-Dichloroethene	ND		ug/Kg	4.1	1.0	0.74	338690	04/25/24	04/25/24	HMN
1,1-Dichloroethane	ND		ug/Kg	4.1	1.4	0.74	338690	04/25/24	04/25/24	HMN
2-Butanone	ND		ug/Kg	81	6.0	0.74	338690	04/25/24	04/25/24	HMN
cis-1,2-Dichloroethene	ND		ug/Kg	4.1	1.4	0.74	338690	04/25/24	04/25/24	HMN
2,2-Dichloropropane	ND		ug/Kg	4.1	0.8	0.74	338690	04/25/24	04/25/24	HMN
Chloroform	ND		ug/Kg	4.1	0.6	0.74	338690	04/25/24	04/25/24	HMN
Bromochloromethane	ND		ug/Kg	4.1	1.3	0.74	338690	04/25/24	04/25/24	HMN
1,1,1-Trichloroethane	ND		ug/Kg	4.1	1.0	0.74	338690	04/25/24	04/25/24	HMN
1,1-Dichloropropene	ND		ug/Kg	4.1	1.0	0.74	338690	04/25/24	04/25/24	HMN
Carbon Tetrachloride	ND		ug/Kg	4.1	1.2	0.74	338690	04/25/24	04/25/24	HMN
1,2-Dichloroethane	ND		ug/Kg	4.1	1.0	0.74	338690	04/25/24	04/25/24	HMN
Benzene	ND		ug/Kg	4.1	0.9	0.74	338690	04/25/24	04/25/24	HMN
Trichloroethene	ND		ug/Kg	4.1	0.7	0.74	338690	04/25/24	04/25/24	HMN

Analysis Results for 506595

506595-011 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloropropane	ND		ug/Kg	4.1	1.9	0.74	338690	04/25/24	04/25/24	HMN
Bromodichloromethane	ND		ug/Kg	4.1	1.1	0.74	338690	04/25/24	04/25/24	HMN
Dibromomethane	ND		ug/Kg	4.1	1.4	0.74	338690	04/25/24	04/25/24	HMN
4-Methyl-2-Pentanone	ND		ug/Kg	4.1	1.7	0.74	338690	04/25/24	04/25/24	HMN
cis-1,3-Dichloropropene	ND		ug/Kg	4.1	0.7	0.74	338690	04/25/24	04/25/24	HMN
Toluene	ND		ug/Kg	4.1	1.0	0.74	338690	04/25/24	04/25/24	HMN
trans-1,3-Dichloropropene	ND		ug/Kg	4.1	0.6	0.74	338690	04/25/24	04/25/24	HMN
1,1,2-Trichloroethane	ND		ug/Kg	4.1	1.5	0.74	338690	04/25/24	04/25/24	HMN
1,3-Dichloropropane	ND		ug/Kg	4.1	1.1	0.74	338690	04/25/24	04/25/24	HMN
Tetrachloroethene	ND		ug/Kg	4.1	0.9	0.74	338690	04/25/24	04/25/24	HMN
Dibromochloromethane	ND		ug/Kg	4.1	0.7	0.74	338690	04/25/24	04/25/24	HMN
1,2-Dibromoethane	ND		ug/Kg	4.1	1.1	0.74	338690	04/25/24	04/25/24	HMN
Chlorobenzene	ND		ug/Kg	4.1	0.6	0.74	338690	04/25/24	04/25/24	HMN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.1	0.9	0.74	338690	04/25/24	04/25/24	HMN
Ethylbenzene	ND		ug/Kg	4.1	0.7	0.74	338690	04/25/24	04/25/24	HMN
m,p-Xylenes	ND		ug/Kg	8.1	1.6	0.74	338690	04/25/24	04/25/24	HMN
o-Xylene	ND		ug/Kg	4.1	0.8	0.74	338690	04/25/24	04/25/24	HMN
Styrene	ND		ug/Kg	4.1	0.9	0.74	338690	04/25/24	04/25/24	HMN
Bromoform	ND		ug/Kg	4.1	0.6	0.74	338690	04/25/24	04/25/24	HMN
Isopropylbenzene	ND		ug/Kg	4.1	0.5	0.74	338690	04/25/24	04/25/24	HMN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.1	1.7	0.74	338690	04/25/24	04/25/24	HMN
1,2,3-Trichloropropane	ND		ug/Kg	4.1	1.2	0.74	338690	04/25/24	04/25/24	HMN
Propylbenzene	ND		ug/Kg	4.1	0.6	0.74	338690	04/25/24	04/25/24	HMN
Bromobenzene	ND		ug/Kg	4.1	0.9	0.74	338690	04/25/24	04/25/24	HMN
1,3,5-Trimethylbenzene	ND		ug/Kg	4.1	0.5	0.74	338690	04/25/24	04/25/24	HMN
2-Chlorotoluene	ND		ug/Kg	4.1	1.1	0.74	338690	04/25/24	04/25/24	HMN
4-Chlorotoluene	ND		ug/Kg	4.1	0.9	0.74	338690	04/25/24	04/25/24	HMN
tert-Butylbenzene	ND		ug/Kg	4.1	0.5	0.74	338690	04/25/24	04/25/24	HMN
1,2,4-Trimethylbenzene	ND		ug/Kg	4.1	0.7	0.74	338690	04/25/24	04/25/24	HMN
sec-Butylbenzene	ND		ug/Kg	4.1	0.5	0.74	338690	04/25/24	04/25/24	HMN
para-Isopropyl Toluene	ND		ug/Kg	4.1	0.5	0.74	338690	04/25/24	04/25/24	HMN
1,3-Dichlorobenzene	ND		ug/Kg	4.1	1.2	0.74	338690	04/25/24	04/25/24	HMN
1,4-Dichlorobenzene	ND		ug/Kg	4.1	0.9	0.74	338690	04/25/24	04/25/24	HMN
n-Butylbenzene	ND		ug/Kg	4.1	0.8	0.74	338690	04/25/24	04/25/24	HMN
1,2-Dichlorobenzene	ND		ug/Kg	4.1	0.7	0.74	338690	04/25/24	04/25/24	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.1	1.4	0.74	338690	04/25/24	04/25/24	HMN
1,2,4-Trichlorobenzene	ND		ug/Kg	4.1	1.1	0.74	338690	04/25/24	04/25/24	HMN
Hexachlorobutadiene	ND		ug/Kg	4.1	1.0	0.74	338690	04/25/24	04/25/24	HMN
Naphthalene	ND		ug/Kg	4.1	1.1	0.74	338690	04/25/24	04/25/24	HMN
1,2,3-Trichlorobenzene	ND		ug/Kg	4.1	0.5	0.74	338690	04/25/24	04/25/24	HMN
Xylene (total)	ND		ug/Kg	4.1		0.74	338690	04/25/24	04/25/24	HMN

Surrogates	Limits									
Dibromofluoromethane	96%	%REC	70-145		0.74	338690	04/25/24	04/25/24	HMN	
1,2-Dichloroethane-d4	108%	%REC	70-145		0.74	338690	04/25/24	04/25/24	HMN	
Toluene-d8	94%	%REC	70-145		0.74	338690	04/25/24	04/25/24	HMN	
Bromofluorobenzene	98%	%REC	70-145		0.74	338690	04/25/24	04/25/24	HMN	

Method: EPA 8270C-SIM
Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	11	1.7	1	338344	04/21/24	04/24/24	HQN
2-Methylnaphthalene	ND		ug/Kg	11	1.7	1	338344	04/21/24	04/24/24	HQN
Naphthalene	ND		ug/Kg	11	3.9	1	338344	04/21/24	04/24/24	HQN
Acenaphthylene	ND		ug/Kg	11	1.7	1	338344	04/21/24	04/24/24	HQN

Analysis Results for 506595

506595-011 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	11	1.1	1	338344	04/21/24	04/24/24	HQN
Fluorene	ND		ug/Kg	11	1.4	1	338344	04/21/24	04/24/24	HQN
Phenanthrene	3.0	J	ug/Kg	11	2.4	1	338344	04/21/24	04/24/24	HQN
Anthracene	3.5	J	ug/Kg	11	1.5	1	338344	04/21/24	04/24/24	HQN
Fluoranthene	7.6	J	ug/Kg	11	3.7	1	338344	04/21/24	04/24/24	HQN
Pyrene	6.7	J	ug/Kg	11	4.0	1	338344	04/21/24	04/24/24	HQN
Benzo(a)anthracene	2.9	J	ug/Kg	11	1.2	1	338344	04/21/24	04/24/24	HQN
Chrysene	5.0	J	ug/Kg	11	1.1	1	338344	04/21/24	04/24/24	HQN
Benzo(b)fluoranthene	8.7	J	ug/Kg	11	1.0	1	338344	04/21/24	04/24/24	HQN
Benzo(k)fluoranthene	2.9	J	ug/Kg	11	1.2	1	338344	04/21/24	04/24/24	HQN
Benzo(a)pyrene	3.7	J	ug/Kg	11	1.5	1	338344	04/21/24	04/24/24	HQN
Indeno(1,2,3-cd)pyrene	4.3	J,b	ug/Kg	11	1.7	1	338344	04/21/24	04/24/24	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	11	3.1	1	338344	04/21/24	04/24/24	HQN
Benzo(g,h,i)perylene	5.1	J,b	ug/Kg	11	1.8	1	338344	04/21/24	04/24/24	HQN
Surrogates				Limits						
Nitrobenzene-d5	84%		%REC	27-125		10	338344	04/21/24	04/25/24	HQN
2-Fluorobiphenyl	80%		%REC	30-120		10	338344	04/21/24	04/25/24	HQN
Terphenyl-d14	80%		%REC	33-155		10	338344	04/21/24	04/25/24	HQN

Analysis Results for 506595

Sample ID: PC 4-0.5	Lab ID: 506595-012	Collected: 04/16/24 10:50
	Matrix: Soil	Basis: Dry

506595-012 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	4		%	1		1	338380	04/22/24	04/23/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.0	1.2	0.96	338281	04/19/24	04/21/24	SBW
Arsenic	2.2		mg/Kg	1.0	0.59	0.96	338281	04/19/24	04/21/24	SBW
Barium	19		mg/Kg	1.0	0.36	0.96	338281	04/19/24	04/21/24	SBW
Beryllium	0.089	B,J	mg/Kg	0.50	0.011	0.96	338281	04/19/24	04/21/24	SBW
Cadmium	0.19	J	mg/Kg	0.50	0.046	0.96	338281	04/19/24	04/21/24	SBW
Chromium	8.3		mg/Kg	1.0	0.12	0.96	338281	04/19/24	04/21/24	SBW
Cobalt	2.0		mg/Kg	0.50	0.27	0.96	338281	04/19/24	04/21/24	SBW
Copper	74		mg/Kg	1.0	0.20	0.96	338281	04/19/24	04/21/24	SBW
Lead	18		mg/Kg	1.0	0.38	0.96	338281	04/19/24	04/21/24	SBW
Molybdenum	ND		mg/Kg	1.1	1.1	0.96	338281	04/19/24	04/21/24	SBW
Nickel	6.0		mg/Kg	1.0	0.17	0.96	338281	04/19/24	04/21/24	SBW
Selenium	ND		mg/Kg	3.0	0.85	0.96	338281	04/19/24	04/21/24	SBW
Silver	ND		mg/Kg	0.50	0.15	0.96	338281	04/19/24	04/21/24	SBW
Thallium	ND		mg/Kg	3.0	0.87	0.96	338281	04/19/24	04/21/24	SBW
Vanadium	16		mg/Kg	1.0	0.079	0.96	338281	04/19/24	04/21/24	SBW
Zinc	32		mg/Kg	5.0	0.37	0.96	338281	04/19/24	04/21/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.16	0.039	1.1	338363	04/22/24	04/22/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M										
GRO C6-C12	57		mg/Kg	52			5	338322	04/20/24	04/23/24
DRO C10-C28	180		mg/Kg	52	18		5	338322	04/20/24	04/23/24
ORO C28-C44	410		mg/Kg	100	18		5	338322	04/20/24	04/23/24
Surrogates				Limits						
n-Triacontane	129%		%REC	70-130			5	338322	04/20/24	04/23/24
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.2	1.3	0.99	338342	04/21/24	04/23/24	KLR
beta-BHC	ND		ug/Kg	5.2	1.7	0.99	338342	04/21/24	04/23/24	KLR
gamma-BHC	ND		ug/Kg	5.2	1.1	0.99	338342	04/21/24	04/23/24	KLR
delta-BHC	ND		ug/Kg	5.2	1.4	0.99	338342	04/21/24	04/23/24	KLR
Heptachlor	ND		ug/Kg	5.2	1.6	0.99	338342	04/21/24	04/23/24	KLR
Aldrin	ND		ug/Kg	5.2	1.3	0.99	338342	04/21/24	04/23/24	KLR
Heptachlor epoxide	ND		ug/Kg	5.2	1.9	0.99	338342	04/21/24	04/23/24	KLR
Endosulfan I	ND		ug/Kg	5.2	1.5	0.99	338342	04/21/24	04/23/24	KLR
Dieldrin	2.1	J	ug/Kg	5.2	1.5	0.99	338342	04/21/24	04/23/24	KLR
4,4'-DDE	ND		ug/Kg	5.2	1.5	0.99	338342	04/21/24	04/23/24	KLR
Endrin	ND		ug/Kg	5.2	1.6	0.99	338342	04/21/24	04/23/24	KLR
Endosulfan II	ND		ug/Kg	5.2	1.6	0.99	338342	04/21/24	04/23/24	KLR
Endosulfan sulfate	ND		ug/Kg	5.2	1.7	0.99	338342	04/21/24	04/23/24	KLR
4,4'-DDD	ND		ug/Kg	5.2	1.1	0.99	338342	04/21/24	04/23/24	KLR

Analysis Results for 506595

506595-012 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.2	1.7	0.99	338342	04/21/24	04/23/24	KLR
Endrin ketone	ND		ug/Kg	5.2	1.4	0.99	338342	04/21/24	04/23/24	KLR
4,4'-DDT	3.1	J	ug/Kg	5.2	1.5	0.99	338342	04/21/24	04/23/24	KLR
Methoxychlor	ND		ug/Kg	10	5.2	0.99	338342	04/21/24	04/23/24	KLR
Toxaphene	ND		ug/Kg	100	15	0.99	338342	04/21/24	04/23/24	KLR
Chlordane (Technical)	ND		ug/Kg	52	11	0.99	338342	04/21/24	04/23/24	KLR
Surrogates				Limits						
TCMX	93%		%REC	23-120		0.99	338342	04/21/24	04/23/24	KLR
Decachlorobiphenyl	82%		%REC	24-120		0.99	338342	04/21/24	04/23/24	KLR

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	52	15	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1221	ND		ug/Kg	52	23	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1232	ND		ug/Kg	52	19	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1242	ND		ug/Kg	52	18	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1248	ND		ug/Kg	52	22	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1254	ND		ug/Kg	52	6.8	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1260	ND		ug/Kg	52	25	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1262	ND		ug/Kg	52	17	0.99	338342	04/21/24	04/23/24	KLR
Aroclor-1268	ND		ug/Kg	52	14	0.99	338342	04/21/24	04/23/24	KLR

Surrogates

Limits

Decachlorobiphenyl (PCB)	81%		%REC	19-121		0.99	338342	04/21/24	04/23/24	KLR
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Method: EPA 8260B

Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	5.2	0.8	1	338690	04/25/24	04/25/24	HMN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.2	1.7	1	338690	04/25/24	04/25/24	HMN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.2	2.5	1	338690	04/25/24	04/25/24	HMN
Freon 12	ND		ug/Kg	5.2	1.8	1	338690	04/25/24	04/25/24	HMN
Chloromethane	ND		ug/Kg	5.2	2.4	1	338690	04/25/24	04/25/24	HMN
Vinyl Chloride	ND		ug/Kg	5.2	2.3	1	338690	04/25/24	04/25/24	HMN
Bromomethane	ND		ug/Kg	5.2	2.3	1	338690	04/25/24	04/25/24	HMN
Chloroethane	ND		ug/Kg	5.2	1.4	1	338690	04/25/24	04/25/24	HMN
Trichlorofluoromethane	ND		ug/Kg	5.2	1.5	1	338690	04/25/24	04/25/24	HMN
Acetone	66	J	ug/Kg	100	64	1	338690	04/25/24	04/25/24	HMN
Freon 113	ND		ug/Kg	5.2	0.8	1	338690	04/25/24	04/25/24	HMN
1,1-Dichloroethene	ND		ug/Kg	5.2	1.4	1	338690	04/25/24	04/25/24	HMN
Methylene Chloride	ND		ug/Kg	5.2	3.8	1	338690	04/25/24	04/25/24	HMN
MTBE	ND		ug/Kg	5.2	1.0	1	338690	04/25/24	04/25/24	HMN
trans-1,2-Dichloroethene	ND		ug/Kg	5.2	1.3	1	338690	04/25/24	04/25/24	HMN
1,1-Dichloroethane	ND		ug/Kg	5.2	1.8	1	338690	04/25/24	04/25/24	HMN
2-Butanone	ND		ug/Kg	100	7.7	1	338690	04/25/24	04/25/24	HMN
cis-1,2-Dichloroethene	ND		ug/Kg	5.2	1.8	1	338690	04/25/24	04/25/24	HMN
2,2-Dichloropropane	ND		ug/Kg	5.2	1.0	1	338690	04/25/24	04/25/24	HMN
Chloroform	ND		ug/Kg	5.2	0.8	1	338690	04/25/24	04/25/24	HMN
Bromochloromethane	ND		ug/Kg	5.2	1.7	1	338690	04/25/24	04/25/24	HMN
1,1,1-Trichloroethane	ND		ug/Kg	5.2	1.3	1	338690	04/25/24	04/25/24	HMN
1,1-Dichloropropene	ND		ug/Kg	5.2	1.3	1	338690	04/25/24	04/25/24	HMN
Carbon Tetrachloride	ND		ug/Kg	5.2	1.6	1	338690	04/25/24	04/25/24	HMN
1,2-Dichloroethane	ND		ug/Kg	5.2	1.2	1	338690	04/25/24	04/25/24	HMN
Benzene	ND		ug/Kg	5.2	1.2	1	338690	04/25/24	04/25/24	HMN
Trichloroethene	ND		ug/Kg	5.2	0.9	1	338690	04/25/24	04/25/24	HMN

Analysis Results for 506595

506595-012 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloropropane	ND		ug/Kg	5.2	2.4	1	338690	04/25/24	04/25/24	HMN
Bromodichloromethane	ND		ug/Kg	5.2	1.4	1	338690	04/25/24	04/25/24	HMN
Dibromomethane	ND		ug/Kg	5.2	1.8	1	338690	04/25/24	04/25/24	HMN
4-Methyl-2-Pentanone	ND		ug/Kg	5.2	2.2	1	338690	04/25/24	04/25/24	HMN
cis-1,3-Dichloropropene	ND		ug/Kg	5.2	0.9	1	338690	04/25/24	04/25/24	HMN
Toluene	ND		ug/Kg	5.2	1.3	1	338690	04/25/24	04/25/24	HMN
trans-1,3-Dichloropropene	ND		ug/Kg	5.2	0.8	1	338690	04/25/24	04/25/24	HMN
1,1,2-Trichloroethane	ND		ug/Kg	5.2	1.9	1	338690	04/25/24	04/25/24	HMN
1,3-Dichloropropane	ND		ug/Kg	5.2	1.4	1	338690	04/25/24	04/25/24	HMN
Tetrachloroethene	ND		ug/Kg	5.2	1.2	1	338690	04/25/24	04/25/24	HMN
Dibromochloromethane	ND		ug/Kg	5.2	1.0	1	338690	04/25/24	04/25/24	HMN
1,2-Dibromoethane	ND		ug/Kg	5.2	1.4	1	338690	04/25/24	04/25/24	HMN
Chlorobenzene	ND		ug/Kg	5.2	0.8	1	338690	04/25/24	04/25/24	HMN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.2	1.2	1	338690	04/25/24	04/25/24	HMN
Ethylbenzene	ND		ug/Kg	5.2	0.9	1	338690	04/25/24	04/25/24	HMN
m,p-Xylenes	ND		ug/Kg	10	2.0	1	338690	04/25/24	04/25/24	HMN
o-Xylene	ND		ug/Kg	5.2	1.1	1	338690	04/25/24	04/25/24	HMN
Styrene	ND		ug/Kg	5.2	1.1	1	338690	04/25/24	04/25/24	HMN
Bromoform	ND		ug/Kg	5.2	0.7	1	338690	04/25/24	04/25/24	HMN
Isopropylbenzene	ND		ug/Kg	5.2	0.7	1	338690	04/25/24	04/25/24	HMN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.2	2.2	1	338690	04/25/24	04/25/24	HMN
1,2,3-Trichloropropane	ND		ug/Kg	5.2	1.6	1	338690	04/25/24	04/25/24	HMN
Propylbenzene	ND		ug/Kg	5.2	0.8	1	338690	04/25/24	04/25/24	HMN
Bromobenzene	ND		ug/Kg	5.2	1.1	1	338690	04/25/24	04/25/24	HMN
1,3,5-Trimethylbenzene	ND		ug/Kg	5.2	0.6	1	338690	04/25/24	04/25/24	HMN
2-Chlorotoluene	ND		ug/Kg	5.2	1.4	1	338690	04/25/24	04/25/24	HMN
4-Chlorotoluene	ND		ug/Kg	5.2	1.1	1	338690	04/25/24	04/25/24	HMN
tert-Butylbenzene	ND		ug/Kg	5.2	0.6	1	338690	04/25/24	04/25/24	HMN
1,2,4-Trimethylbenzene	ND		ug/Kg	5.2	0.8	1	338690	04/25/24	04/25/24	HMN
sec-Butylbenzene	ND		ug/Kg	5.2	0.7	1	338690	04/25/24	04/25/24	HMN
para-Isopropyl Toluene	2.5	J	ug/Kg	5.2	0.7	1	338690	04/25/24	04/25/24	HMN
1,3-Dichlorobenzene	ND		ug/Kg	5.2	1.5	1	338690	04/25/24	04/25/24	HMN
1,4-Dichlorobenzene	ND		ug/Kg	5.2	1.2	1	338690	04/25/24	04/25/24	HMN
n-Butylbenzene	ND		ug/Kg	5.2	1.0	1	338690	04/25/24	04/25/24	HMN
1,2-Dichlorobenzene	ND		ug/Kg	5.2	0.9	1	338690	04/25/24	04/25/24	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.2	1.8	1	338690	04/25/24	04/25/24	HMN
1,2,4-Trichlorobenzene	ND		ug/Kg	5.2	1.4	1	338690	04/25/24	04/25/24	HMN
Hexachlorobutadiene	ND		ug/Kg	5.2	1.2	1	338690	04/25/24	04/25/24	HMN
Naphthalene	ND		ug/Kg	5.2	1.4	1	338690	04/25/24	04/25/24	HMN
1,2,3-Trichlorobenzene	ND		ug/Kg	5.2	0.7	1	338690	04/25/24	04/25/24	HMN
Xylene (total)	ND		ug/Kg	5.2		1	338690	04/25/24	04/25/24	HMN

Surrogates	Limits								
Dibromofluoromethane	99%	%REC	70-145	1	338690	04/25/24	04/25/24	HMN	
1,2-Dichloroethane-d4	107%	%REC	70-145	1	338690	04/25/24	04/25/24	HMN	
Toluene-d8	97%	%REC	70-145	1	338690	04/25/24	04/25/24	HMN	
Bromofluorobenzene	104%	%REC	70-145	1	338690	04/25/24	04/25/24	HMN	

Method: EPA 8270C-SIM
 Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	520	79	50	338344	04/21/24	04/24/24	HQN
2-Methylnaphthalene	ND		ug/Kg	520	78	50	338344	04/21/24	04/24/24	HQN
Naphthalene	ND		ug/Kg	520	190	50	338344	04/21/24	04/24/24	HQN
Acenaphthylene	ND		ug/Kg	520	82	50	338344	04/21/24	04/24/24	HQN

Results for any subcontracted analyses are not included in this section.

Analysis Results for 506595

506595-012 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	520	54	50	338344	04/21/24	04/24/24	HQN
Fluorene	ND		ug/Kg	520	64	50	338344	04/21/24	04/24/24	HQN
Phenanthrene	ND		ug/Kg	520	110	50	338344	04/21/24	04/24/24	HQN
Anthracene	ND		ug/Kg	520	72	50	338344	04/21/24	04/24/24	HQN
Fluoranthene	ND		ug/Kg	520	170	50	338344	04/21/24	04/24/24	HQN
Pyrene	ND		ug/Kg	520	190	50	338344	04/21/24	04/24/24	HQN
Benzo(a)anthracene	ND		ug/Kg	520	56	50	338344	04/21/24	04/24/24	HQN
Chrysene	ND		ug/Kg	520	50	50	338344	04/21/24	04/24/24	HQN
Benzo(b)fluoranthene	ND		ug/Kg	520	48	50	338344	04/21/24	04/24/24	HQN
Benzo(k)fluoranthene	ND		ug/Kg	520	54	50	338344	04/21/24	04/24/24	HQN
Benzo(a)pyrene	ND		ug/Kg	520	69	50	338344	04/21/24	04/24/24	HQN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	520	79	50	338344	04/21/24	04/24/24	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	520	150	50	338344	04/21/24	04/24/24	HQN
Benzo(g,h,i)perylene	ND		ug/Kg	520	85	50	338344	04/21/24	04/24/24	HQN
Surrogates				Limits						
Nitrobenzene-d5	130%	*	%REC	27-125		50	338344	04/21/24	04/24/24	HQN
2-Fluorobiphenyl	94%		%REC	30-120		50	338344	04/21/24	04/24/24	HQN
Terphenyl-d14	81%		%REC	33-155		50	338344	04/21/24	04/24/24	HQN

Analysis Results for 506595

Sample ID: PC 5-1	Lab ID: 506595-013	Collected: 04/16/24 11:30
	Matrix: Soil	Basis: Dry

506595-013 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: ASTM D2216 Prep Method: METHOD										
Moisture, Percent	8		%	1		1	338380	04/22/24	04/23/24	ARM
Method: EPA 6010B Prep Method: EPA 3050B										
Antimony	ND		mg/Kg	3.2	1.3	0.98	338281	04/19/24	04/21/24	SBW
Arsenic	3.3		mg/Kg	1.1	0.63	0.98	338281	04/19/24	04/21/24	SBW
Barium	18		mg/Kg	1.1	0.38	0.98	338281	04/19/24	04/21/24	SBW
Beryllium	0.10	B,J	mg/Kg	0.53	0.012	0.98	338281	04/19/24	04/21/24	SBW
Cadmium	0.15	J	mg/Kg	0.53	0.049	0.98	338281	04/19/24	04/21/24	SBW
Chromium	8.5		mg/Kg	1.1	0.13	0.98	338281	04/19/24	04/21/24	SBW
Cobalt	1.7		mg/Kg	0.53	0.29	0.98	338281	04/19/24	04/21/24	SBW
Copper	6.2		mg/Kg	1.1	0.21	0.98	338281	04/19/24	04/21/24	SBW
Lead	19		mg/Kg	1.1	0.40	0.98	338281	04/19/24	04/21/24	SBW
Molybdenum	ND		mg/Kg	1.2	1.2	0.98	338281	04/19/24	04/21/24	SBW
Nickel	7.8		mg/Kg	1.1	0.18	0.98	338281	04/19/24	04/21/24	SBW
Selenium	ND		mg/Kg	3.2	0.90	0.98	338281	04/19/24	04/21/24	SBW
Silver	ND		mg/Kg	0.53	0.16	0.98	338281	04/19/24	04/21/24	SBW
Thallium	ND		mg/Kg	3.2	0.93	0.98	338281	04/19/24	04/21/24	SBW
Vanadium	9.9		mg/Kg	1.1	0.084	0.98	338281	04/19/24	04/21/24	SBW
Zinc	40		mg/Kg	5.3	0.39	0.98	338281	04/19/24	04/21/24	SBW
Method: EPA 7471A Prep Method: METHOD										
Mercury	ND		mg/Kg	0.18	0.044	1.2	338363	04/22/24	04/22/24	KAM
Method: EPA 8015M Prep Method: EPA 3580M										
GRO C6-C12	ND		mg/Kg	11		0.99	338322	04/20/24	04/23/24	TJW
DRO C10-C28	63		mg/Kg	11	3.7	0.99	338322	04/20/24	04/23/24	TJW
ORO C28-C44	120		mg/Kg	22	3.7	0.99	338322	04/20/24	04/23/24	TJW
Surrogates				Limits						
n-Triacontane	121%		%REC	70-130		0.99	338322	04/20/24	04/23/24	TJW
Method: EPA 8081A Prep Method: EPA 3546										
alpha-BHC	ND		ug/Kg	5.5	1.1	1	338386	04/22/24	04/23/24	MES
beta-BHC	ND		ug/Kg	5.5	1.5	1	338386	04/22/24	04/23/24	MES
gamma-BHC	ND		ug/Kg	5.5	1.1	1	338386	04/22/24	04/23/24	MES
delta-BHC	ND		ug/Kg	5.5	1.3	1	338386	04/22/24	04/23/24	MES
Heptachlor	ND		ug/Kg	5.5	1.9	1	338386	04/22/24	04/23/24	MES
Aldrin	ND		ug/Kg	5.5	1.5	1	338386	04/22/24	04/23/24	MES
Heptachlor epoxide	ND		ug/Kg	5.5	1.8	1	338386	04/22/24	04/23/24	MES
Endosulfan I	ND		ug/Kg	5.5	1.5	1	338386	04/22/24	04/23/24	MES
Dieldrin	ND		ug/Kg	5.5	1.7	1	338386	04/22/24	04/23/24	MES
4,4'-DDE	ND		ug/Kg	5.5	1.6	1	338386	04/22/24	04/23/24	MES
Endrin	ND		ug/Kg	5.5	1.8	1	338386	04/22/24	04/23/24	MES
Endosulfan II	ND		ug/Kg	5.5	1.8	1	338386	04/22/24	04/23/24	MES
Endosulfan sulfate	ND		ug/Kg	5.5	2.3	1	338386	04/22/24	04/23/24	MES
4,4'-DDD	ND		ug/Kg	5.5	1.0	1	338386	04/22/24	04/23/24	MES

Analysis Results for 506595

506595-013 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Endrin aldehyde	ND		ug/Kg	5.5	1.3	1	338386	04/22/24	04/23/24	MES
Endrin ketone	ND		ug/Kg	5.5	1.6	1	338386	04/22/24	04/23/24	MES
4,4'-DDT	ND		ug/Kg	5.5	1.9	1	338386	04/22/24	04/23/24	MES
Methoxychlor	ND		ug/Kg	11	2.5	1	338386	04/22/24	04/23/24	MES
Toxaphene	ND		ug/Kg	110	34	1	338386	04/22/24	04/23/24	MES
Chlordane (Technical)	ND		ug/Kg	55	10	1	338386	04/22/24	04/23/24	MES
Surrogates				Limits						
TCMX	73%		%REC	23-120		1	338386	04/22/24	04/23/24	MES
Decachlorobiphenyl	60%		%REC	24-120		1	338386	04/22/24	04/23/24	MES

Method: EPA 8082

Prep Method: EPA 3546

Aroclor-1016	ND		ug/Kg	55	14	1	338386	04/22/24	04/23/24	MES
Aroclor-1221	ND		ug/Kg	55	12	1	338386	04/22/24	04/23/24	MES
Aroclor-1232	ND		ug/Kg	55	12	1	338386	04/22/24	04/23/24	MES
Aroclor-1242	ND		ug/Kg	55	18	1	338386	04/22/24	04/23/24	MES
Aroclor-1248	ND		ug/Kg	55	18	1	338386	04/22/24	04/23/24	MES
Aroclor-1254	ND		ug/Kg	55	17	1	338386	04/22/24	04/23/24	MES
Aroclor-1260	ND		ug/Kg	55	25	1	338386	04/22/24	04/23/24	MES
Aroclor-1262	ND		ug/Kg	55	14	1	338386	04/22/24	04/23/24	MES
Aroclor-1268	ND		ug/Kg	55	16	1	338386	04/22/24	04/23/24	MES

Surrogates

Limits

Decachlorobiphenyl (PCB)	75%		%REC	19-121		1	338386	04/22/24	04/23/24	MES
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Method: EPA 8260B

Prep Method: EPA 5035

3-Chloropropene	ND		ug/Kg	4.5	0.7	0.82	338690	04/25/24	04/25/24	HMN
cis-1,4-Dichloro-2-butene	ND		ug/Kg	4.5	1.4	0.82	338690	04/25/24	04/25/24	HMN
trans-1,4-Dichloro-2-butene	ND		ug/Kg	4.5	2.2	0.82	338690	04/25/24	04/25/24	HMN
Freon 12	ND		ug/Kg	4.5	1.6	0.82	338690	04/25/24	04/25/24	HMN
Chloromethane	ND		ug/Kg	4.5	2.0	0.82	338690	04/25/24	04/25/24	HMN
Vinyl Chloride	ND		ug/Kg	4.5	2.0	0.82	338690	04/25/24	04/25/24	HMN
Bromomethane	ND		ug/Kg	4.5	2.0	0.82	338690	04/25/24	04/25/24	HMN
Chloroethane	ND		ug/Kg	4.5	1.2	0.82	338690	04/25/24	04/25/24	HMN
Trichlorofluoromethane	ND		ug/Kg	4.5	1.3	0.82	338690	04/25/24	04/25/24	HMN
Acetone	ND		ug/Kg	89	54	0.82	338690	04/25/24	04/25/24	HMN
Freon 113	ND		ug/Kg	4.5	0.7	0.82	338690	04/25/24	04/25/24	HMN
1,1-Dichloroethene	ND		ug/Kg	4.5	1.2	0.82	338690	04/25/24	04/25/24	HMN
Methylene Chloride	ND		ug/Kg	4.5	3.3	0.82	338690	04/25/24	04/25/24	HMN
MTBE	ND		ug/Kg	4.5	0.8	0.82	338690	04/25/24	04/25/24	HMN
trans-1,2-Dichloroethene	ND		ug/Kg	4.5	1.1	0.82	338690	04/25/24	04/25/24	HMN
1,1-Dichloroethane	ND		ug/Kg	4.5	1.6	0.82	338690	04/25/24	04/25/24	HMN
2-Butanone	ND		ug/Kg	89	6.5	0.82	338690	04/25/24	04/25/24	HMN
cis-1,2-Dichloroethene	ND		ug/Kg	4.5	1.5	0.82	338690	04/25/24	04/25/24	HMN
2,2-Dichloropropane	ND		ug/Kg	4.5	0.8	0.82	338690	04/25/24	04/25/24	HMN
Chloroform	ND		ug/Kg	4.5	0.7	0.82	338690	04/25/24	04/25/24	HMN
Bromochloromethane	ND		ug/Kg	4.5	1.4	0.82	338690	04/25/24	04/25/24	HMN
1,1,1-Trichloroethane	ND		ug/Kg	4.5	1.1	0.82	338690	04/25/24	04/25/24	HMN
1,1-Dichloropropene	ND		ug/Kg	4.5	1.1	0.82	338690	04/25/24	04/25/24	HMN
Carbon Tetrachloride	ND		ug/Kg	4.5	1.3	0.82	338690	04/25/24	04/25/24	HMN
1,2-Dichloroethane	ND		ug/Kg	4.5	1.0	0.82	338690	04/25/24	04/25/24	HMN
Benzene	ND		ug/Kg	4.5	1.0	0.82	338690	04/25/24	04/25/24	HMN
Trichloroethene	ND		ug/Kg	4.5	0.8	0.82	338690	04/25/24	04/25/24	HMN

Analysis Results for 506595

506595-013 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloropropane	ND		ug/Kg	4.5	2.1	0.82	338690	04/25/24	04/25/24	HMN
Bromodichloromethane	ND		ug/Kg	4.5	1.2	0.82	338690	04/25/24	04/25/24	HMN
Dibromomethane	ND		ug/Kg	4.5	1.6	0.82	338690	04/25/24	04/25/24	HMN
4-Methyl-2-Pentanone	ND		ug/Kg	4.5	1.8	0.82	338690	04/25/24	04/25/24	HMN
cis-1,3-Dichloropropene	ND		ug/Kg	4.5	0.8	0.82	338690	04/25/24	04/25/24	HMN
Toluene	ND		ug/Kg	4.5	1.1	0.82	338690	04/25/24	04/25/24	HMN
trans-1,3-Dichloropropene	ND		ug/Kg	4.5	0.7	0.82	338690	04/25/24	04/25/24	HMN
1,1,2-Trichloroethane	ND		ug/Kg	4.5	1.6	0.82	338690	04/25/24	04/25/24	HMN
1,3-Dichloropropane	ND		ug/Kg	4.5	1.2	0.82	338690	04/25/24	04/25/24	HMN
Tetrachloroethene	ND		ug/Kg	4.5	1.0	0.82	338690	04/25/24	04/25/24	HMN
Dibromochloromethane	ND		ug/Kg	4.5	0.8	0.82	338690	04/25/24	04/25/24	HMN
1,2-Dibromoethane	ND		ug/Kg	4.5	1.2	0.82	338690	04/25/24	04/25/24	HMN
Chlorobenzene	ND		ug/Kg	4.5	0.7	0.82	338690	04/25/24	04/25/24	HMN
1,1,1,2-Tetrachloroethane	ND		ug/Kg	4.5	1.0	0.82	338690	04/25/24	04/25/24	HMN
Ethylbenzene	ND		ug/Kg	4.5	0.8	0.82	338690	04/25/24	04/25/24	HMN
m,p-Xylenes	ND		ug/Kg	8.9	1.7	0.82	338690	04/25/24	04/25/24	HMN
o-Xylene	ND		ug/Kg	4.5	0.9	0.82	338690	04/25/24	04/25/24	HMN
Styrene	ND		ug/Kg	4.5	1.0	0.82	338690	04/25/24	04/25/24	HMN
Bromoform	ND		ug/Kg	4.5	0.6	0.82	338690	04/25/24	04/25/24	HMN
Isopropylbenzene	ND		ug/Kg	4.5	0.6	0.82	338690	04/25/24	04/25/24	HMN
1,1,2,2-Tetrachloroethane	ND		ug/Kg	4.5	1.9	0.82	338690	04/25/24	04/25/24	HMN
1,2,3-Trichloropropane	ND		ug/Kg	4.5	1.3	0.82	338690	04/25/24	04/25/24	HMN
Propylbenzene	ND		ug/Kg	4.5	0.7	0.82	338690	04/25/24	04/25/24	HMN
Bromobenzene	ND		ug/Kg	4.5	1.0	0.82	338690	04/25/24	04/25/24	HMN
1,3,5-Trimethylbenzene	ND		ug/Kg	4.5	0.5	0.82	338690	04/25/24	04/25/24	HMN
2-Chlorotoluene	ND		ug/Kg	4.5	1.2	0.82	338690	04/25/24	04/25/24	HMN
4-Chlorotoluene	ND		ug/Kg	4.5	1.0	0.82	338690	04/25/24	04/25/24	HMN
tert-Butylbenzene	ND		ug/Kg	4.5	0.5	0.82	338690	04/25/24	04/25/24	HMN
1,2,4-Trimethylbenzene	ND		ug/Kg	4.5	0.7	0.82	338690	04/25/24	04/25/24	HMN
sec-Butylbenzene	ND		ug/Kg	4.5	0.6	0.82	338690	04/25/24	04/25/24	HMN
para-Isopropyl Toluene	ND		ug/Kg	4.5	0.6	0.82	338690	04/25/24	04/25/24	HMN
1,3-Dichlorobenzene	ND		ug/Kg	4.5	1.3	0.82	338690	04/25/24	04/25/24	HMN
1,4-Dichlorobenzene	ND		ug/Kg	4.5	1.0	0.82	338690	04/25/24	04/25/24	HMN
n-Butylbenzene	ND		ug/Kg	4.5	0.8	0.82	338690	04/25/24	04/25/24	HMN
1,2-Dichlorobenzene	ND		ug/Kg	4.5	0.7	0.82	338690	04/25/24	04/25/24	HMN
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	4.5	1.5	0.82	338690	04/25/24	04/25/24	HMN
1,2,4-Trichlorobenzene	ND		ug/Kg	4.5	1.2	0.82	338690	04/25/24	04/25/24	HMN
Hexachlorobutadiene	ND		ug/Kg	4.5	1.1	0.82	338690	04/25/24	04/25/24	HMN
Naphthalene	ND		ug/Kg	4.5	1.2	0.82	338690	04/25/24	04/25/24	HMN
1,2,3-Trichlorobenzene	ND		ug/Kg	4.5	0.6	0.82	338690	04/25/24	04/25/24	HMN
Xylene (total)	ND		ug/Kg	4.5		0.82	338690	04/25/24	04/25/24	HMN

Surrogates	Limits									
Dibromofluoromethane	97%	%REC	70-145		0.82	338690	04/25/24	04/25/24	HMN	
1,2-Dichloroethane-d4	109%	%REC	70-145		0.82	338690	04/25/24	04/25/24	HMN	
Toluene-d8	96%	%REC	70-145		0.82	338690	04/25/24	04/25/24	HMN	
Bromofluorobenzene	96%	%REC	70-145		0.82	338690	04/25/24	04/25/24	HMN	

Method: EPA 8270C-SIM
Prep Method: EPA 3546

1-Methylnaphthalene	ND		ug/Kg	270	42	25	338344	04/21/24	04/26/24	HQN
2-Methylnaphthalene	ND		ug/Kg	270	41	25	338344	04/21/24	04/26/24	HQN
Naphthalene	ND		ug/Kg	270	98	25	338344	04/21/24	04/26/24	HQN
Acenaphthylene	ND		ug/Kg	270	43	25	338344	04/21/24	04/26/24	HQN

Analysis Results for 506595

506595-013 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Acenaphthene	ND		ug/Kg	270	28	25	338344	04/21/24	04/26/24	HQN
Fluorene	ND		ug/Kg	270	34	25	338344	04/21/24	04/26/24	HQN
Phenanthrene	ND		ug/Kg	270	60	25	338344	04/21/24	04/26/24	HQN
Anthracene	ND		ug/Kg	270	38	25	338344	04/21/24	04/26/24	HQN
Fluoranthene	ND		ug/Kg	270	92	25	338344	04/21/24	04/26/24	HQN
Pyrene	ND		ug/Kg	270	99	25	338344	04/21/24	04/26/24	HQN
Benzo(a)anthracene	ND		ug/Kg	270	30	25	338344	04/21/24	04/26/24	HQN
Chrysene	ND		ug/Kg	270	26	25	338344	04/21/24	04/26/24	HQN
Benzo(b)fluoranthene	ND		ug/Kg	270	25	25	338344	04/21/24	04/26/24	HQN
Benzo(k)fluoranthene	ND		ug/Kg	270	29	25	338344	04/21/24	04/26/24	HQN
Benzo(a)pyrene	ND		ug/Kg	270	37	25	338344	04/21/24	04/26/24	HQN
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	270	42	25	338344	04/21/24	04/26/24	HQN
Dibenz(a,h)anthracene	ND		ug/Kg	270	77	25	338344	04/21/24	04/26/24	HQN
Benzo(g,h,i)perylene	ND		ug/Kg	270	45	25	338344	04/21/24	04/26/24	HQN
Surrogates				Limits						
Nitrobenzene-d5	102%		%REC	27-125		25	338344	04/21/24	04/26/24	HQN
2-Fluorobiphenyl	91%		%REC	30-120		25	338344	04/21/24	04/26/24	HQN
Terphenyl-d14	86%		%REC	33-155		25	338344	04/21/24	04/26/24	HQN

- * Value is outside QC limits
- B Contamination found in associated Method Blank
- J Estimated value
- ND Not Detected
- b See narrative

Batch QC

Type: Sample Duplicate	Lab ID: QC1146643	Batch: 338380
Matrix (Source ID): Soil (506655-002)	Method: ASTM D2216	Prep Method: METHOD

QC1146643 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	Basis	DF
Moisture, Percent	8.678	9.161	%		5	20		1

Type: Blank	Lab ID: QC1146206	Batch: 338281
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1146206 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Antimony	ND		mg/Kg	3.0	1.2	04/19/24	04/21/24
Arsenic	ND		mg/Kg	1.0	0.59	04/19/24	04/21/24
Barium	ND		mg/Kg	1.0	0.36	04/19/24	04/21/24
Beryllium	0.011	J	mg/Kg	0.50	0.011	04/19/24	04/21/24
Cadmium	ND		mg/Kg	0.50	0.046	04/19/24	04/21/24
Chromium	ND		mg/Kg	1.0	0.12	04/19/24	04/21/24
Cobalt	ND		mg/Kg	0.50	0.27	04/19/24	04/21/24
Copper	ND		mg/Kg	1.0	0.20	04/19/24	04/21/24
Lead	ND		mg/Kg	1.0	0.38	04/19/24	04/21/24
Molybdenum	ND		mg/Kg	1.1	1.1	04/19/24	04/21/24
Nickel	ND		mg/Kg	1.0	0.17	04/19/24	04/21/24
Selenium	ND		mg/Kg	3.0	0.84	04/19/24	04/21/24
Silver	ND		mg/Kg	0.50	0.15	04/19/24	04/21/24
Thallium	ND		mg/Kg	3.0	0.87	04/19/24	04/21/24
Vanadium	ND		mg/Kg	1.0	0.078	04/19/24	04/21/24
Zinc	ND		mg/Kg	5.0	0.37	04/19/24	04/21/24

Type: Lab Control Sample	Lab ID: QC1146207	Batch: 338281
Matrix: Soil	Method: EPA 6010B	Prep Method: EPA 3050B

QC1146207 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Antimony	99.85	100.0	mg/Kg	100%		80-120
Arsenic	99.20	100.0	mg/Kg	99%		80-120
Barium	102.0	100.0	mg/Kg	102%		80-120
Beryllium	103.4	100.0	mg/Kg	103%		80-120
Cadmium	102.1	100.0	mg/Kg	102%		80-120
Chromium	98.45	100.0	mg/Kg	98%		80-120
Cobalt	105.4	100.0	mg/Kg	105%		80-120
Copper	98.71	100.0	mg/Kg	99%		80-120
Lead	104.1	100.0	mg/Kg	104%		80-120
Molybdenum	98.41	100.0	mg/Kg	98%		80-120
Nickel	103.3	100.0	mg/Kg	103%		80-120
Selenium	94.56	100.0	mg/Kg	95%		80-120
Silver	48.04	50.00	mg/Kg	96%		80-120
Thallium	108.2	100.0	mg/Kg	108%		80-120
Vanadium	99.72	100.0	mg/Kg	100%		80-120
Zinc	103.1	100.0	mg/Kg	103%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1146208	Batch: 338281
Matrix (Source ID): Soil (506595-001)	Method: EPA 6010B	Prep Method: EPA 3050B
		Basis: Dry

QC1146208 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	61.67	ND	104.2	mg/Kg	59%	*	75-125	0.99
Arsenic	104.8	2.037	104.2	mg/Kg	99%		75-125	0.99
Barium	129.6	20.42	104.2	mg/Kg	105%		75-125	0.99
Beryllium	107.6	0.1417	104.2	mg/Kg	103%		75-125	0.99
Cadmium	104.9	0.09804	104.2	mg/Kg	101%		75-125	0.99
Chromium	113.8	10.27	104.2	mg/Kg	99%		75-125	0.99
Cobalt	109.4	2.504	104.2	mg/Kg	103%		75-125	0.99
Copper	115.0	10.34	104.2	mg/Kg	100%		75-125	0.99
Lead	133.6	26.61	104.2	mg/Kg	103%		75-125	0.99
Molybdenum	100.2	ND	104.2	mg/Kg	96%		75-125	0.99
Nickel	116.0	10.67	104.2	mg/Kg	101%		75-125	0.99
Selenium	99.41	ND	104.2	mg/Kg	95%		75-125	0.99
Silver	49.85	ND	52.11	mg/Kg	96%		75-125	0.99
Thallium	109.7	ND	104.2	mg/Kg	105%		75-125	0.99
Vanadium	121.8	14.49	104.2	mg/Kg	103%		75-125	0.99
Zinc	125.4	21.09	104.2	mg/Kg	100%		75-125	0.99

Type: Matrix Spike Duplicate	Lab ID: QC1146209	Batch: 338281
Matrix (Source ID): Soil (506595-001)	Method: EPA 6010B	Prep Method: EPA 3050B
		Basis: Dry

QC1146209 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Antimony	63.24	ND	101.2	mg/Kg	62%	*	75-125	5	41	0.96
Arsenic	107.3	2.037	101.2	mg/Kg	104%		75-125	5	35	0.96
Barium	129.9	20.42	101.2	mg/Kg	108%		75-125	3	20	0.96
Beryllium	110.0	0.1417	101.2	mg/Kg	109%		75-125	5	20	0.96
Cadmium	106.6	0.09804	101.2	mg/Kg	105%		75-125	5	20	0.96
Chromium	115.5	10.27	101.2	mg/Kg	104%		75-125	4	20	0.96
Cobalt	111.6	2.504	101.2	mg/Kg	108%		75-125	5	20	0.96
Copper	117.7	10.34	101.2	mg/Kg	106%		75-125	5	20	0.96
Lead	134.9	26.61	101.2	mg/Kg	107%		75-125	3	20	0.96
Molybdenum	102.5	ND	101.2	mg/Kg	101%		75-125	5	20	0.96
Nickel	118.3	10.67	101.2	mg/Kg	106%		75-125	5	20	0.96
Selenium	101.2	ND	101.2	mg/Kg	100%		75-125	5	20	0.96
Silver	51.00	ND	50.61	mg/Kg	101%		75-125	5	20	0.96
Thallium	112.6	ND	101.2	mg/Kg	111%		75-125	6	20	0.96
Vanadium	124.1	14.49	101.2	mg/Kg	108%		75-125	4	20	0.96
Zinc	128.5	21.09	101.2	mg/Kg	106%		75-125	5	20	0.96

Batch QC

Type: Post Digest Spike	Lab ID: QC1146210	Batch: 338281
Matrix (Source ID): Soil (506595-001)	Method: EPA 6010B	Prep Method: EPA 3050B
		Basis: Dry

QC1146210 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Antimony	98.50	ND	100.3	mg/Kg	98%		75-125	0.95
Arsenic	99.53	2.037	100.3	mg/Kg	97%		75-125	0.95
Barium	118.6	20.42	100.3	mg/Kg	98%		75-125	0.95
Beryllium	101.1	0.1417	100.3	mg/Kg	101%		75-125	0.95
Cadmium	98.32	0.09804	100.3	mg/Kg	98%		75-125	0.95
Chromium	105.2	10.27	100.3	mg/Kg	95%		75-125	0.95
Cobalt	103.1	2.504	100.3	mg/Kg	100%		75-125	0.95
Copper	109.0	10.34	100.3	mg/Kg	98%		75-125	0.95
Lead	125.3	26.61	100.3	mg/Kg	98%		75-125	0.95
Molybdenum	97.94	ND	100.3	mg/Kg	98%		75-125	0.95
Nickel	109.1	10.67	100.3	mg/Kg	98%		75-125	0.95
Selenium	94.81	ND	100.3	mg/Kg	95%		75-125	0.95
Silver	47.58	ND	50.13	mg/Kg	95%		75-125	0.95
Thallium	103.5	ND	100.3	mg/Kg	103%		75-125	0.95
Vanadium	112.3	14.49	100.3	mg/Kg	98%		75-125	0.95
Zinc	119.1	21.09	100.3	mg/Kg	98%		75-125	0.95

Type: Blank	Lab ID: QC1146584	Batch: 338363
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1146584 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Mercury	ND		mg/Kg	0.14	0.035	04/22/24	04/22/24

Type: Lab Control Sample	Lab ID: QC1146585	Batch: 338363
Matrix: Soil	Method: EPA 7471A	Prep Method: METHOD

QC1146585 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Mercury	0.8849	0.8333	mg/Kg	106%		80-120

Type: Matrix Spike	Lab ID: QC1146586	Batch: 338363
Matrix (Source ID): Soil (506595-001)	Method: EPA 7471A	Prep Method: METHOD
		Basis: Dry

QC1146586 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Mercury	1.061	ND	1.012	mg/Kg	105%		75-125	1.2

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1146587	Batch: 338363
Matrix (Source ID): Soil (506595-001)	Method: EPA 7471A	Prep Method: METHOD
		Basis: Dry

QC1146587 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Mercury	1.011	ND	0.9747	mg/Kg	104%		75-125	1	20	1.1

Type: Blank	Lab ID: QC1146378	Batch: 338322
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1146378 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
GRO C6-C12	ND		mg/Kg	10		04/20/24	04/22/24
DRO C10-C28	ND		mg/Kg	10	3.5	04/20/24	04/22/24
ORO C28-C44	ND		mg/Kg	20	3.5	04/20/24	04/22/24
Surrogates				Limits			
n-Triacontane	107%		%REC	70-130		04/20/24	04/22/24

Type: Lab Control Sample	Lab ID: QC1146379	Batch: 338322
Matrix: Soil	Method: EPA 8015M	Prep Method: EPA 3580M

QC1146379 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Diesel C10-C28	232.2	248.1	mg/Kg	94%		76-122
Surrogates						
n-Triacontane	11.29	9.926	mg/Kg	114%		70-130

Type: Matrix Spike	Lab ID: QC1146380	Batch: 338322
Matrix (Source ID): Soil (506595-001)	Method: EPA 8015M	Prep Method: EPA 3580M
		Basis: Dry

QC1146380 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Diesel C10-C28	260.6	9.242	260.9	mg/Kg	96%		62-126	0.99
Surrogates								
n-Triacontane	12.91		10.44	mg/Kg	124%		70-130	0.99

Type: Matrix Spike Duplicate	Lab ID: QC1146381	Batch: 338322
Matrix (Source ID): Soil (506595-001)	Method: EPA 8015M	Prep Method: EPA 3580M
		Basis: Dry

QC1146381 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Diesel C10-C28	247.8	9.242	263.2	mg/Kg	91%		62-126	6	35	1
Surrogates										
n-Triacontane	12.50		10.53	mg/Kg	119%		70-130			1

Batch QC

Type: Blank	Lab ID: QC1146472	Batch: 338342
Matrix: Soil		

QC1146472 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Method: EPA 8081A							
Prep Method: EPA 3546							
alpha-BHC	ND		ug/Kg	5.0	1.2	04/21/24	04/23/24
beta-BHC	ND		ug/Kg	5.0	1.7	04/21/24	04/23/24
gamma-BHC	ND		ug/Kg	5.0	1.0	04/21/24	04/23/24
delta-BHC	ND		ug/Kg	5.0	1.4	04/21/24	04/23/24
Heptachlor	ND		ug/Kg	5.0	1.5	04/21/24	04/23/24
Aldrin	ND		ug/Kg	5.0	1.3	04/21/24	04/23/24
Heptachlor epoxide	ND		ug/Kg	5.0	1.8	04/21/24	04/23/24
Endosulfan I	ND		ug/Kg	5.0	1.4	04/21/24	04/23/24
Dieldrin	ND		ug/Kg	5.0	1.4	04/21/24	04/23/24
4,4'-DDE	ND		ug/Kg	5.0	1.4	04/21/24	04/23/24
Endrin	ND		ug/Kg	5.0	1.6	04/21/24	04/23/24
Endosulfan II	ND		ug/Kg	5.0	1.6	04/21/24	04/23/24
Endosulfan sulfate	ND		ug/Kg	5.0	1.6	04/21/24	04/23/24
4,4'-DDD	ND		ug/Kg	5.0	1.1	04/21/24	04/23/24
Endrin aldehyde	ND		ug/Kg	5.0	1.7	04/21/24	04/23/24
Endrin ketone	ND		ug/Kg	5.0	1.4	04/21/24	04/23/24
4,4'-DDT	ND		ug/Kg	5.0	1.4	04/21/24	04/23/24
Methoxychlor	ND		ug/Kg	10	5.1	04/21/24	04/23/24
Toxaphene	ND		ug/Kg	100	15	04/21/24	04/23/24
Chlordane (Technical)	ND		ug/Kg	50	11	04/21/24	04/23/24
Surrogates				Limits			
TCMX	109%		%REC	23-120		04/21/24	04/23/24
Decachlorobiphenyl	108%		%REC	24-120		04/21/24	04/23/24
Method: EPA 8082							
Prep Method: EPA 3546							
Aroclor-1016	ND		ug/Kg	50	14	04/21/24	04/23/24
Aroclor-1221	ND		ug/Kg	50	23	04/21/24	04/23/24
Aroclor-1232	ND		ug/Kg	50	19	04/21/24	04/23/24
Aroclor-1242	ND		ug/Kg	50	18	04/21/24	04/23/24
Aroclor-1248	ND		ug/Kg	50	21	04/21/24	04/23/24
Aroclor-1254	ND		ug/Kg	50	6.6	04/21/24	04/23/24
Aroclor-1260	ND		ug/Kg	50	24	04/21/24	04/23/24
Aroclor-1262	ND		ug/Kg	50	16	04/21/24	04/23/24
Aroclor-1268	ND		ug/Kg	50	13	04/21/24	04/23/24
Surrogates				Limits			
Decachlorobiphenyl (PCB)	113%		%REC	19-121		04/21/24	04/23/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1146473	Batch: 338342
Matrix: Soil	Method: EPA 8081A	Prep Method: EPA 3546

QC1146473 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
alpha-BHC	48.54	49.50	ug/Kg	98%		22-129
beta-BHC	49.79	49.50	ug/Kg	101%		28-125
gamma-BHC	50.28	49.50	ug/Kg	102%		22-128
delta-BHC	51.37	49.50	ug/Kg	104%		24-131
Heptachlor	47.09	49.50	ug/Kg	95%		18-124
Aldrin	51.63	49.50	ug/Kg	104%		23-120
Heptachlor epoxide	44.83	49.50	ug/Kg	91%		26-120
Endosulfan I	45.22	49.50	ug/Kg	91%		25-126
Dieldrin	47.05	49.50	ug/Kg	95%		23-124
4,4'-DDE	48.40	49.50	ug/Kg	98%		28-121
Endrin	48.29	49.50	ug/Kg	98%		25-127
Endosulfan II	48.07	49.50	ug/Kg	97%		29-121
Endosulfan sulfate	45.25	49.50	ug/Kg	91%		30-121
4,4'-DDD	50.49	49.50	ug/Kg	102%	#	26-120
Endrin aldehyde	9.027	49.50	ug/Kg	18%		10-120
Endrin ketone	50.17	49.50	ug/Kg	101%		28-125
4,4'-DDT	54.02	49.50	ug/Kg	109%	#	22-125
Methoxychlor	57.05	49.50	ug/Kg	115%		28-130
Surrogates						
TCMX	46.76	49.50	ug/Kg	94%		23-120
Decachlorobiphenyl	52.02	49.50	ug/Kg	105%		24-120

Batch QC

Type: Matrix Spike	Lab ID: QC1146474	Batch: 338342
Matrix (Source ID): Soil (506496-001)	Method: EPA 8081A	Prep Method: EPA 3546

QC1146474 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
alpha-BHC	53.81	ND	49.50	ug/Kg	109%		46-120	0.99
beta-BHC	55.75	ND	49.50	ug/Kg	113%		41-120	0.99
gamma-BHC	55.89	ND	49.50	ug/Kg	113%		41-120	0.99
delta-BHC	52.07	ND	49.50	ug/Kg	105%		38-123	0.99
Heptachlor	54.62	ND	49.50	ug/Kg	110%		39-120	0.99
Aldrin	54.08	ND	49.50	ug/Kg	109%		34-120	0.99
Heptachlor epoxide	49.63	ND	49.50	ug/Kg	100%		43-120	0.99
Endosulfan I	52.69	ND	49.50	ug/Kg	106%		45-120	0.99
Dieldrin	53.95	ND	49.50	ug/Kg	109%		45-120	0.99
4,4'-DDE	74.52	26.22	49.50	ug/Kg	98%		34-120	0.99
Endrin	53.68	ND	49.50	ug/Kg	108%		40-120	0.99
Endosulfan II	52.03	ND	49.50	ug/Kg	105%		41-120	0.99
Endosulfan sulfate	49.71	ND	49.50	ug/Kg	100%		42-120	0.99
4,4'-DDD	51.21	ND	49.50	ug/Kg	103%		41-120	0.99
Endrin aldehyde	44.45	ND	49.50	ug/Kg	90%		30-120	0.99
Endrin ketone	52.67	ND	49.50	ug/Kg	106%	#	45-120	0.99
4,4'-DDT	59.42	ND	49.50	ug/Kg	120%		35-127	0.99
Methoxychlor	65.85	ND	49.50	ug/Kg	133%		42-136	0.99
Surrogates								
TCMX	49.45		49.50	ug/Kg	100%		23-120	0.99
Decachlorobiphenyl	50.87		49.50	ug/Kg	103%		24-120	0.99

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1146475	Batch: 338342
Matrix (Source ID): Soil (506496-001)	Method: EPA 8081A	Prep Method: EPA 3546

QC1146475 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
alpha-BHC	55.70	ND	51.02	ug/Kg	109%		46-120	0	30	1
beta-BHC	53.13	ND	51.02	ug/Kg	104%		41-120	8	30	1
gamma-BHC	56.35	ND	51.02	ug/Kg	110%		41-120	2	30	1
delta-BHC	50.14	ND	51.02	ug/Kg	98%		38-123	7	30	1
Heptachlor	55.15	ND	51.02	ug/Kg	108%		39-120	2	30	1
Aldrin	53.06	ND	51.02	ug/Kg	104%		34-120	5	30	1
Heptachlor epoxide	47.29	ND	51.02	ug/Kg	93%		43-120	8	30	1
Endosulfan I	50.16	ND	51.02	ug/Kg	98%		45-120	8	30	1
Dieldrin	52.70	ND	51.02	ug/Kg	103%		45-120	5	30	1
4,4'-DDE	71.39	26.22	51.02	ug/Kg	89%		34-120	6	30	1
Endrin	52.49	ND	51.02	ug/Kg	103%		40-120	5	30	1
Endosulfan II	48.17	ND	51.02	ug/Kg	94%		41-120	11	30	1
Endosulfan sulfate	44.74	ND	51.02	ug/Kg	88%		42-120	14	30	1
4,4'-DDD	48.87	ND	51.02	ug/Kg	96%		41-120	8	30	1
Endrin aldehyde	39.26	ND	51.02	ug/Kg	77%		30-120	15	30	1
Endrin ketone	47.58	ND	51.02	ug/Kg	93%	#	45-120	13	30	1
4,4'-DDT	55.09	ND	51.02	ug/Kg	108%		35-127	11	30	1
Methoxychlor	56.34	ND	51.02	ug/Kg	110%		42-136	19	30	1
Surrogates										
TCMX	47.60		51.02	ug/Kg	93%		23-120			1
Decachlorobiphenyl	44.28		51.02	ug/Kg	87%		24-120			1

Type: Lab Control Sample	Lab ID: QC1146476	Batch: 338342
Matrix: Soil	Method: EPA 8082	Prep Method: EPA 3546

QC1146476 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	657.5	500.0	ug/Kg	131%		14-150
Aroclor-1260	590.3	500.0	ug/Kg	118%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	53.29	50.00	ug/Kg	107%		19-121

Type: Matrix Spike	Lab ID: QC1146477	Batch: 338342
Matrix (Source ID): Soil (506595-008)	Method: EPA 8082	Prep Method: EPA 3546
		Basis: Dry

QC1146477 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	620.8	ND	560.7	ug/Kg	111%		42-127	1
Aroclor-1260	622.0	ND	560.7	ug/Kg	111%		38-130	1
Surrogates								
Decachlorobiphenyl (PCB)	59.05		56.07	ug/Kg	105%		19-121	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1146478	Batch: 338342
Matrix (Source ID): Soil (506595-008)	Method: EPA 8082	Prep Method: EPA 3546
		Basis: Dry

QC1146478 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	567.8	ND	544.0	ug/Kg	104%		42-127	6	30	0.99
Aroclor-1260	559.9	ND	544.0	ug/Kg	103%		38-130	7	30	0.99
Surrogates										
Decachlorobiphenyl (PCB)	49.64		54.40	ug/Kg	91%		19-121			0.99

Type: Blank	Lab ID: QC1146665	Batch: 338386
Matrix: Soil	Method: EPA 8082	Prep Method: EPA 3546

QC1146665 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Aroclor-1016	ND		ug/Kg	50	14	04/22/24	04/23/24
Aroclor-1221	ND		ug/Kg	50	23	04/22/24	04/23/24
Aroclor-1232	ND		ug/Kg	50	19	04/22/24	04/23/24
Aroclor-1242	ND		ug/Kg	50	18	04/22/24	04/23/24
Aroclor-1248	ND		ug/Kg	50	21	04/22/24	04/23/24
Aroclor-1254	ND		ug/Kg	50	6.6	04/22/24	04/23/24
Aroclor-1260	ND		ug/Kg	50	25	04/22/24	04/23/24
Aroclor-1262	ND		ug/Kg	50	16	04/22/24	04/23/24
Aroclor-1268	ND		ug/Kg	50	14	04/22/24	04/23/24
Surrogates				Limits			
Decachlorobiphenyl (PCB)	89%		%REC	19-121		04/22/24	04/23/24

Type: Lab Control Sample	Lab ID: QC1146673	Batch: 338386
Matrix: Soil	Method: EPA 8082	Prep Method: EPA 3546

QC1146673 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Aroclor-1016	488.5	495.0	ug/Kg	99%		14-150
Aroclor-1260	482.7	495.0	ug/Kg	98%		10-150
Surrogates						
Decachlorobiphenyl (PCB)	52.88	49.50	ug/Kg	107%		19-121

Type: Matrix Spike	Lab ID: QC1146674	Batch: 338386
Matrix (Source ID): Soil (506597-014)	Method: EPA 8082	Prep Method: EPA 3546
		Basis: Dry

QC1146674 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Aroclor-1016	457.2	ND	500.1	ug/Kg	91%		42-127	0.99
Aroclor-1260	440.4	ND	500.1	ug/Kg	88%		38-130	0.99
Surrogates								
Decachlorobiphenyl (PCB)	32.65		50.01	ug/Kg	65%		19-121	0.99

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1146675	Batch: 338386
Matrix (Source ID): Soil (506597-014)	Method: EPA 8082	Prep Method: EPA 3546
		Basis: Dry

QC1146675 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Aroclor-1016	512.6	ND	500.1	ug/Kg	103%		42-127	11	30	0.99
Aroclor-1260	568.1	ND	500.1	ug/Kg	114%		38-130	25	30	0.99
Surrogates										
Decachlorobiphenyl (PCB)	42.95		50.01	ug/Kg	86%		19-121			0.99

Type: Lab Control Sample	Lab ID: QC1147272	Batch: 338583
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1147272 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	49.35	50.00	ug/Kg	99%		70-131
MTBE	53.00	50.00	ug/Kg	106%		69-130
Benzene	52.42	50.00	ug/Kg	105%		70-130
Trichloroethene	57.46	50.00	ug/Kg	115%		70-130
Toluene	52.56	50.00	ug/Kg	105%		70-130
Chlorobenzene	52.70	50.00	ug/Kg	105%		70-130
Surrogates						
Dibromofluoromethane	47.87	50.00	ug/Kg	96%		70-130
1,2-Dichloroethane-d4	49.88	50.00	ug/Kg	100%		70-145
Toluene-d8	49.12	50.00	ug/Kg	98%		70-145
Bromofluorobenzene	48.17	50.00	ug/Kg	96%		70-145

Type: Lab Control Sample Duplicate	Lab ID: QC1147273	Batch: 338583
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1147273 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	47.47	50.00	ug/Kg	95%		70-131	4	33
MTBE	51.88	50.00	ug/Kg	104%		69-130	2	30
Benzene	51.46	50.00	ug/Kg	103%		70-130	2	30
Trichloroethene	54.94	50.00	ug/Kg	110%		70-130	4	30
Toluene	50.97	50.00	ug/Kg	102%		70-130	3	30
Chlorobenzene	51.32	50.00	ug/Kg	103%		70-130	3	30
Surrogates								
Dibromofluoromethane	47.38	50.00	ug/Kg	95%		70-130		
1,2-Dichloroethane-d4	49.54	50.00	ug/Kg	99%		70-145		
Toluene-d8	48.50	50.00	ug/Kg	97%		70-145		
Bromofluorobenzene	47.21	50.00	ug/Kg	94%		70-145		

Batch QC

Type: Matrix Spike	Lab ID: QC1147274	Batch: 338583
Matrix (Source ID): Soil (506601-010)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1147274 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	49.67	ND	50.00	ug/Kg	99%		70-141	1
MTBE	52.50	ND	50.00	ug/Kg	105%		59-130	1
Benzene	51.14	ND	50.00	ug/Kg	102%		70-130	1
Trichloroethene	54.77	ND	50.00	ug/Kg	110%		69-130	1
Toluene	50.69	ND	50.00	ug/Kg	101%		70-130	1
Chlorobenzene	51.27	ND	50.00	ug/Kg	103%		70-130	1
Surrogates								
Dibromofluoromethane	48.42		50.00	ug/Kg	97%		70-145	1
1,2-Dichloroethane-d4	48.92		50.00	ug/Kg	98%		70-145	1
Toluene-d8	48.81		50.00	ug/Kg	98%		70-145	1
Bromofluorobenzene	48.75		50.00	ug/Kg	98%		70-145	1

Type: Matrix Spike Duplicate	Lab ID: QC1147275	Batch: 338583
Matrix (Source ID): Soil (506601-010)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1147275 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	47.67	ND	50.00	ug/Kg	95%		70-141	4	43	1
MTBE	50.84	ND	50.00	ug/Kg	102%		59-130	3	30	1
Benzene	49.41	ND	50.00	ug/Kg	99%		70-130	3	30	1
Trichloroethene	52.82	ND	50.00	ug/Kg	106%		69-130	4	30	1
Toluene	48.46	ND	50.00	ug/Kg	97%		70-130	4	30	1
Chlorobenzene	50.07	ND	50.00	ug/Kg	100%		70-130	2	30	1
Surrogates										
Dibromofluoromethane	47.49		50.00	ug/Kg	95%		70-145			1
1,2-Dichloroethane-d4	49.21		50.00	ug/Kg	98%		70-145			1
Toluene-d8	48.17		50.00	ug/Kg	96%		70-145			1
Bromofluorobenzene	48.36		50.00	ug/Kg	97%		70-145			1

Batch QC

Type: Blank	Lab ID: QC1147276	Batch: 338583
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1147276 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	0.8	04/23/24	04/23/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1.6	04/23/24	04/23/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	2.4	04/23/24	04/23/24
Freon 12	ND		ug/Kg	5.0	1.8	04/23/24	04/23/24
Chloromethane	ND		ug/Kg	5.0	2.3	04/23/24	04/23/24
Vinyl Chloride	ND		ug/Kg	5.0	2.2	04/23/24	04/23/24
Bromomethane	ND		ug/Kg	5.0	2.2	04/23/24	04/23/24
Chloroethane	ND		ug/Kg	5.0	1.4	04/23/24	04/23/24
Trichlorofluoromethane	ND		ug/Kg	5.0	1.4	04/23/24	04/23/24
Acetone	ND		ug/Kg	100	61	04/23/24	04/23/24
Freon 113	ND		ug/Kg	5.0	0.8	04/23/24	04/23/24
1,1-Dichloroethene	ND		ug/Kg	5.0	1.3	04/23/24	04/23/24
Methylene Chloride	ND		ug/Kg	5.0	3.7	04/23/24	04/23/24
MTBE	ND		ug/Kg	5.0	0.9	04/23/24	04/23/24
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1.2	04/23/24	04/23/24
1,1-Dichloroethane	ND		ug/Kg	5.0	1.7	04/23/24	04/23/24
2-Butanone	ND		ug/Kg	100	7.3	04/23/24	04/23/24
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1.7	04/23/24	04/23/24
2,2-Dichloropropane	ND		ug/Kg	5.0	0.9	04/23/24	04/23/24
Chloroform	ND		ug/Kg	5.0	0.8	04/23/24	04/23/24
Bromochloromethane	ND		ug/Kg	5.0	1.6	04/23/24	04/23/24
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1.2	04/23/24	04/23/24
1,1-Dichloropropene	ND		ug/Kg	5.0	1.2	04/23/24	04/23/24
Carbon Tetrachloride	ND		ug/Kg	5.0	1.5	04/23/24	04/23/24
1,2-Dichloroethane	ND		ug/Kg	5.0	1.2	04/23/24	04/23/24
Benzene	ND		ug/Kg	5.0	1.1	04/23/24	04/23/24
Trichloroethene	ND		ug/Kg	5.0	0.8	04/23/24	04/23/24
1,2-Dichloropropane	ND		ug/Kg	5.0	2.3	04/23/24	04/23/24
Bromodichloromethane	ND		ug/Kg	5.0	1.3	04/23/24	04/23/24
Dibromomethane	ND		ug/Kg	5.0	1.8	04/23/24	04/23/24
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	2.1	04/23/24	04/23/24
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	0.9	04/23/24	04/23/24
Toluene	ND		ug/Kg	5.0	1.3	04/23/24	04/23/24
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	0.7	04/23/24	04/23/24
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1.8	04/23/24	04/23/24
1,3-Dichloropropane	ND		ug/Kg	5.0	1.4	04/23/24	04/23/24
Tetrachloroethene	ND		ug/Kg	5.0	1.1	04/23/24	04/23/24
Dibromochloromethane	ND		ug/Kg	5.0	0.9	04/23/24	04/23/24
1,2-Dibromoethane	ND		ug/Kg	5.0	1.3	04/23/24	04/23/24
Chlorobenzene	ND		ug/Kg	5.0	0.8	04/23/24	04/23/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1.1	04/23/24	04/23/24
Ethylbenzene	ND		ug/Kg	5.0	0.9	04/23/24	04/23/24
m,p-Xylenes	ND		ug/Kg	10	1.9	04/23/24	04/23/24
o-Xylene	ND		ug/Kg	5.0	1.0	04/23/24	04/23/24
Styrene	ND		ug/Kg	5.0	1.1	04/23/24	04/23/24
Bromoform	ND		ug/Kg	5.0	0.7	04/23/24	04/23/24
Isopropylbenzene	ND		ug/Kg	5.0	0.7	04/23/24	04/23/24

Batch QC

QC1147276 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	2.1	04/23/24	04/23/24
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1.5	04/23/24	04/23/24
Propylbenzene	ND		ug/Kg	5.0	0.7	04/23/24	04/23/24
Bromobenzene	ND		ug/Kg	5.0	1.1	04/23/24	04/23/24
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	0.6	04/23/24	04/23/24
2-Chlorotoluene	ND		ug/Kg	5.0	1.3	04/23/24	04/23/24
4-Chlorotoluene	ND		ug/Kg	5.0	1.1	04/23/24	04/23/24
tert-Butylbenzene	ND		ug/Kg	5.0	0.6	04/23/24	04/23/24
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	0.8	04/23/24	04/23/24
sec-Butylbenzene	ND		ug/Kg	5.0	0.7	04/23/24	04/23/24
para-Isopropyl Toluene	ND		ug/Kg	5.0	0.7	04/23/24	04/23/24
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1.4	04/23/24	04/23/24
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1.1	04/23/24	04/23/24
n-Butylbenzene	ND		ug/Kg	5.0	0.9	04/23/24	04/23/24
1,2-Dichlorobenzene	ND		ug/Kg	5.0	0.8	04/23/24	04/23/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1.7	04/23/24	04/23/24
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1.3	04/23/24	04/23/24
Hexachlorobutadiene	ND		ug/Kg	5.0	1.2	04/23/24	04/23/24
Naphthalene	ND		ug/Kg	5.0	1.3	04/23/24	04/23/24
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	0.7	04/23/24	04/23/24
Xylene (total)	ND		ug/Kg	5.0		04/23/24	04/23/24
Surrogates				Limits			
Dibromofluoromethane	91%		%REC	70-130		04/23/24	04/23/24
1,2-Dichloroethane-d4	97%		%REC	70-145		04/23/24	04/23/24
Toluene-d8	98%		%REC	70-145		04/23/24	04/23/24
Bromofluorobenzene	97%		%REC	70-145		04/23/24	04/23/24

Type: Matrix Spike	Lab ID: QC1147660	Batch: 338690
Matrix (Source ID): Soil (506629-016)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1147660 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	47.50	ND	50.00	ug/Kg	95%		70-141	1
MTBE	42.74	ND	50.00	ug/Kg	85%		59-130	1
Benzene	44.26	ND	50.00	ug/Kg	89%		70-130	1
Trichloroethene	43.27	ND	50.00	ug/Kg	87%		69-130	1
Toluene	40.60	ND	50.00	ug/Kg	81%		70-130	1
Chlorobenzene	36.72	ND	50.00	ug/Kg	73%		70-130	1
Surrogates								
Dibromofluoromethane	47.98		50.00	ug/Kg	96%		70-145	1
1,2-Dichloroethane-d4	52.49		50.00	ug/Kg	105%		70-145	1
Toluene-d8	47.64		50.00	ug/Kg	95%		70-145	1
Bromofluorobenzene	48.32		50.00	ug/Kg	97%		70-145	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1147661	Batch: 338690
Matrix (Source ID): Soil (506629-016)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1147661 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	48.37	ND	50.00	ug/Kg	97%		70-141	2	43	1
MTBE	39.79	ND	50.00	ug/Kg	80%		59-130	7	30	1
Benzene	43.29	ND	50.00	ug/Kg	87%		70-130	2	30	1
Trichloroethene	42.30	ND	50.00	ug/Kg	85%		69-130	2	30	1
Toluene	39.20	ND	50.00	ug/Kg	78%		70-130	4	30	1
Chlorobenzene	34.08	ND	50.00	ug/Kg	68%	*	70-130	7	30	1
Surrogates										
Dibromofluoromethane	48.81		50.00	ug/Kg	98%		70-145			1
1,2-Dichloroethane-d4	53.24		50.00	ug/Kg	106%		70-145			1
Toluene-d8	47.11		50.00	ug/Kg	94%		70-145			1
Bromofluorobenzene	48.24		50.00	ug/Kg	96%		70-145			1

Type: Lab Control Sample	Lab ID: QC1147663	Batch: 338690
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1147663 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	49.19	50.00	ug/Kg	98%		70-131
MTBE	47.52	50.00	ug/Kg	95%		69-130
Benzene	51.42	50.00	ug/Kg	103%		70-130
Trichloroethene	54.35	50.00	ug/Kg	109%		70-130
Toluene	49.35	50.00	ug/Kg	99%		70-130
Chlorobenzene	49.56	50.00	ug/Kg	99%		70-130
Surrogates						
Dibromofluoromethane	48.71	50.00	ug/Kg	97%		70-130
1,2-Dichloroethane-d4	51.30	50.00	ug/Kg	103%		70-145
Toluene-d8	47.41	50.00	ug/Kg	95%		70-145
Bromofluorobenzene	47.43	50.00	ug/Kg	95%		70-145

Type: Lab Control Sample Duplicate	Lab ID: QC1147664	Batch: 338690
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1147664 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	48.42	50.00	ug/Kg	97%		70-131	2	33
MTBE	48.17	50.00	ug/Kg	96%		69-130	1	30
Benzene	50.80	50.00	ug/Kg	102%		70-130	1	30
Trichloroethene	52.55	50.00	ug/Kg	105%		70-130	3	30
Toluene	49.15	50.00	ug/Kg	98%		70-130	0	30
Chlorobenzene	49.19	50.00	ug/Kg	98%		70-130	1	30
Surrogates								
Dibromofluoromethane	48.03	50.00	ug/Kg	96%		70-130		
1,2-Dichloroethane-d4	50.05	50.00	ug/Kg	100%		70-145		
Toluene-d8	47.50	50.00	ug/Kg	95%		70-145		
Bromofluorobenzene	47.60	50.00	ug/Kg	95%		70-145		

Batch QC

Type: Blank	Lab ID: QC1147665	Batch: 338690
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1147665 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	0.8	04/24/24	04/24/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1.6	04/24/24	04/24/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	2.4	04/24/24	04/24/24
Freon 12	ND		ug/Kg	5.0	1.8	04/24/24	04/24/24
Chloromethane	ND		ug/Kg	5.0	2.3	04/24/24	04/24/24
Vinyl Chloride	ND		ug/Kg	5.0	2.2	04/24/24	04/24/24
Bromomethane	ND		ug/Kg	5.0	2.2	04/24/24	04/24/24
Chloroethane	ND		ug/Kg	5.0	1.4	04/24/24	04/24/24
Trichlorofluoromethane	ND		ug/Kg	5.0	1.4	04/24/24	04/24/24
Acetone	ND		ug/Kg	100	61	04/24/24	04/24/24
Freon 113	ND		ug/Kg	5.0	0.8	04/24/24	04/24/24
1,1-Dichloroethene	ND		ug/Kg	5.0	1.3	04/24/24	04/24/24
Methylene Chloride	ND		ug/Kg	5.0	3.7	04/24/24	04/24/24
MTBE	ND		ug/Kg	5.0	0.9	04/24/24	04/24/24
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1.2	04/24/24	04/24/24
1,1-Dichloroethane	ND		ug/Kg	5.0	1.7	04/24/24	04/24/24
2-Butanone	ND		ug/Kg	100	7.3	04/24/24	04/24/24
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	1.7	04/24/24	04/24/24
2,2-Dichloropropane	ND		ug/Kg	5.0	0.9	04/24/24	04/24/24
Chloroform	ND		ug/Kg	5.0	0.8	04/24/24	04/24/24
Bromochloromethane	ND		ug/Kg	5.0	1.6	04/24/24	04/24/24
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1.2	04/24/24	04/24/24
1,1-Dichloropropene	ND		ug/Kg	5.0	1.2	04/24/24	04/24/24
Carbon Tetrachloride	ND		ug/Kg	5.0	1.5	04/24/24	04/24/24
1,2-Dichloroethane	ND		ug/Kg	5.0	1.2	04/24/24	04/24/24
Benzene	ND		ug/Kg	5.0	1.1	04/24/24	04/24/24
Trichloroethene	ND		ug/Kg	5.0	0.8	04/24/24	04/24/24
1,2-Dichloropropane	ND		ug/Kg	5.0	2.3	04/24/24	04/24/24
Bromodichloromethane	ND		ug/Kg	5.0	1.3	04/24/24	04/24/24
Dibromomethane	ND		ug/Kg	5.0	1.8	04/24/24	04/24/24
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	2.1	04/24/24	04/24/24
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	0.9	04/24/24	04/24/24
Toluene	ND		ug/Kg	5.0	1.3	04/24/24	04/24/24
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	0.7	04/24/24	04/24/24
1,1,2-Trichloroethane	ND		ug/Kg	5.0	1.8	04/24/24	04/24/24
1,3-Dichloropropane	ND		ug/Kg	5.0	1.4	04/24/24	04/24/24
Tetrachloroethene	ND		ug/Kg	5.0	1.1	04/24/24	04/24/24
Dibromochloromethane	ND		ug/Kg	5.0	0.9	04/24/24	04/24/24
1,2-Dibromoethane	ND		ug/Kg	5.0	1.3	04/24/24	04/24/24
Chlorobenzene	ND		ug/Kg	5.0	0.8	04/24/24	04/24/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	1.1	04/24/24	04/24/24
Ethylbenzene	ND		ug/Kg	5.0	0.9	04/24/24	04/24/24
m,p-Xylenes	ND		ug/Kg	10	1.9	04/24/24	04/24/24
o-Xylene	ND		ug/Kg	5.0	1.0	04/24/24	04/24/24
Styrene	ND		ug/Kg	5.0	1.1	04/24/24	04/24/24
Bromoform	ND		ug/Kg	5.0	0.7	04/24/24	04/24/24
Isopropylbenzene	ND		ug/Kg	5.0	0.7	04/24/24	04/24/24

Batch QC

QC1147665 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	2.1	04/24/24	04/24/24
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1.5	04/24/24	04/24/24
Propylbenzene	ND		ug/Kg	5.0	0.7	04/24/24	04/24/24
Bromobenzene	ND		ug/Kg	5.0	1.1	04/24/24	04/24/24
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	0.6	04/24/24	04/24/24
2-Chlorotoluene	ND		ug/Kg	5.0	1.3	04/24/24	04/24/24
4-Chlorotoluene	ND		ug/Kg	5.0	1.1	04/24/24	04/24/24
tert-Butylbenzene	ND		ug/Kg	5.0	0.6	04/24/24	04/24/24
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	0.8	04/24/24	04/24/24
sec-Butylbenzene	ND		ug/Kg	5.0	0.7	04/24/24	04/24/24
para-Isopropyl Toluene	ND		ug/Kg	5.0	0.7	04/24/24	04/24/24
1,3-Dichlorobenzene	ND		ug/Kg	5.0	1.4	04/24/24	04/24/24
1,4-Dichlorobenzene	ND		ug/Kg	5.0	1.1	04/24/24	04/24/24
n-Butylbenzene	ND		ug/Kg	5.0	0.9	04/24/24	04/24/24
1,2-Dichlorobenzene	ND		ug/Kg	5.0	0.8	04/24/24	04/24/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1.7	04/24/24	04/24/24
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	1.3	04/24/24	04/24/24
Hexachlorobutadiene	ND		ug/Kg	5.0	1.2	04/24/24	04/24/24
Naphthalene	ND		ug/Kg	5.0	1.3	04/24/24	04/24/24
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	0.7	04/24/24	04/24/24
Xylene (total)	ND		ug/Kg	5.0		04/24/24	04/24/24
Surrogates				Limits			
Dibromofluoromethane	95%		%REC	70-130		04/24/24	04/24/24
1,2-Dichloroethane-d4	103%		%REC	70-145		04/24/24	04/24/24
Toluene-d8	95%		%REC	70-145		04/24/24	04/24/24
Bromofluorobenzene	95%		%REC	70-145		04/24/24	04/24/24

Type: Lab Control Sample	Lab ID: QC1147731	Batch: 338712
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1147731 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	42.95	50.00	ug/Kg	86%		70-131
MTBE	40.74	50.00	ug/Kg	81%		69-130
Benzene	41.92	50.00	ug/Kg	84%		70-130
Trichloroethene	39.41	50.00	ug/Kg	79%		70-130
Toluene	41.35	50.00	ug/Kg	83%		70-130
Chlorobenzene	42.81	50.00	ug/Kg	86%		70-130
Surrogates						
Dibromofluoromethane	48.84	50.00	ug/Kg	98%		70-130
1,2-Dichloroethane-d4	50.20	50.00	ug/Kg	100%		70-145
Toluene-d8	49.88	50.00	ug/Kg	100%		70-145
Bromofluorobenzene	51.56	50.00	ug/Kg	103%		70-145

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1147732	Batch: 338712
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1147732 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	45.63	50.00	ug/Kg	91%		70-131	6	33
MTBE	43.39	50.00	ug/Kg	87%		69-130	6	30
Benzene	44.80	50.00	ug/Kg	90%		70-130	7	30
Trichloroethene	47.11	50.00	ug/Kg	94%		70-130	18	30
Toluene	44.87	50.00	ug/Kg	90%		70-130	8	30
Chlorobenzene	47.60	50.00	ug/Kg	95%		70-130	11	30
Surrogates								
Dibromofluoromethane	47.29	50.00	ug/Kg	95%		70-130		
1,2-Dichloroethane-d4	48.36	50.00	ug/Kg	97%		70-145		
Toluene-d8	50.29	50.00	ug/Kg	101%		70-145		
Bromofluorobenzene	51.54	50.00	ug/Kg	103%		70-145		

Batch QC

Type: Blank	Lab ID: QC1147735	Batch: 338712
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1147735 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	5.0	1.2	04/25/24	04/25/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1.9	04/25/24	04/25/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	5.0	1.0	04/25/24	04/25/24
Freon 12	ND		ug/Kg	5.0	0.9	04/25/24	04/25/24
Chloromethane	ND		ug/Kg	5.0	0.8	04/25/24	04/25/24
Vinyl Chloride	ND		ug/Kg	5.0	1.0	04/25/24	04/25/24
Bromomethane	ND		ug/Kg	5.0	1.1	04/25/24	04/25/24
Chloroethane	ND		ug/Kg	5.0	2.5	04/25/24	04/25/24
Trichlorofluoromethane	ND		ug/Kg	5.0	0.8	04/25/24	04/25/24
Acetone	ND		ug/Kg	100	32	04/25/24	04/25/24
Freon 113	ND		ug/Kg	5.0	0.7	04/25/24	04/25/24
1,1-Dichloroethene	ND		ug/Kg	5.0	1.0	04/25/24	04/25/24
Methylene Chloride	ND		ug/Kg	5.0	3.4	04/25/24	04/25/24
MTBE	ND		ug/Kg	5.0	1.0	04/25/24	04/25/24
trans-1,2-Dichloroethene	ND		ug/Kg	5.0	1.1	04/25/24	04/25/24
1,1-Dichloroethane	ND		ug/Kg	5.0	0.9	04/25/24	04/25/24
2-Butanone	ND		ug/Kg	100	4.3	04/25/24	04/25/24
cis-1,2-Dichloroethene	ND		ug/Kg	5.0	0.8	04/25/24	04/25/24
2,2-Dichloropropane	ND		ug/Kg	5.0	2.5	04/25/24	04/25/24
Chloroform	ND		ug/Kg	5.0	1.0	04/25/24	04/25/24
Bromochloromethane	ND		ug/Kg	5.0	0.4	04/25/24	04/25/24
1,1,1-Trichloroethane	ND		ug/Kg	5.0	1.3	04/25/24	04/25/24
1,1-Dichloropropene	ND		ug/Kg	5.0	0.8	04/25/24	04/25/24
Carbon Tetrachloride	ND		ug/Kg	5.0	1.2	04/25/24	04/25/24
1,2-Dichloroethane	ND		ug/Kg	5.0	1.0	04/25/24	04/25/24
Benzene	ND		ug/Kg	5.0	0.5	04/25/24	04/25/24
Trichloroethene	ND		ug/Kg	5.0	0.7	04/25/24	04/25/24
1,2-Dichloropropane	ND		ug/Kg	5.0	0.8	04/25/24	04/25/24
Bromodichloromethane	ND		ug/Kg	5.0	1.1	04/25/24	04/25/24
Dibromomethane	ND		ug/Kg	5.0	0.5	04/25/24	04/25/24
4-Methyl-2-Pentanone	ND		ug/Kg	5.0	1.6	04/25/24	04/25/24
cis-1,3-Dichloropropene	ND		ug/Kg	5.0	1.0	04/25/24	04/25/24
Toluene	ND		ug/Kg	5.0	0.9	04/25/24	04/25/24
trans-1,3-Dichloropropene	ND		ug/Kg	5.0	1.4	04/25/24	04/25/24
1,1,2-Trichloroethane	ND		ug/Kg	5.0	0.4	04/25/24	04/25/24
1,3-Dichloropropane	ND		ug/Kg	5.0	0.6	04/25/24	04/25/24
Tetrachloroethene	ND		ug/Kg	5.0	0.5	04/25/24	04/25/24
Dibromochloromethane	ND		ug/Kg	5.0	0.6	04/25/24	04/25/24
1,2-Dibromoethane	ND		ug/Kg	5.0	0.6	04/25/24	04/25/24
Chlorobenzene	ND		ug/Kg	5.0	0.4	04/25/24	04/25/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	5.0	0.7	04/25/24	04/25/24
Ethylbenzene	ND		ug/Kg	5.0	0.6	04/25/24	04/25/24
m,p-Xylenes	ND		ug/Kg	10	0.8	04/25/24	04/25/24
o-Xylene	ND		ug/Kg	5.0	0.5	04/25/24	04/25/24
Styrene	ND		ug/Kg	5.0	0.3	04/25/24	04/25/24
Bromoform	ND		ug/Kg	5.0	1.0	04/25/24	04/25/24
Isopropylbenzene	ND		ug/Kg	5.0	0.3	04/25/24	04/25/24

Batch QC

QC1147735 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,1,2,2-Tetrachloroethane	ND		ug/Kg	5.0	0.5	04/25/24	04/25/24
1,2,3-Trichloropropane	ND		ug/Kg	5.0	1.2	04/25/24	04/25/24
Propylbenzene	ND		ug/Kg	5.0	0.3	04/25/24	04/25/24
Bromobenzene	ND		ug/Kg	5.0	0.5	04/25/24	04/25/24
1,3,5-Trimethylbenzene	ND		ug/Kg	5.0	0.4	04/25/24	04/25/24
2-Chlorotoluene	ND		ug/Kg	5.0	0.4	04/25/24	04/25/24
4-Chlorotoluene	ND		ug/Kg	5.0	0.4	04/25/24	04/25/24
tert-Butylbenzene	ND		ug/Kg	5.0	0.4	04/25/24	04/25/24
1,2,4-Trimethylbenzene	ND		ug/Kg	5.0	0.4	04/25/24	04/25/24
sec-Butylbenzene	ND		ug/Kg	5.0	0.5	04/25/24	04/25/24
para-Isopropyl Toluene	ND		ug/Kg	5.0	0.3	04/25/24	04/25/24
1,3-Dichlorobenzene	ND		ug/Kg	5.0	0.4	04/25/24	04/25/24
1,4-Dichlorobenzene	ND		ug/Kg	5.0	0.3	04/25/24	04/25/24
n-Butylbenzene	ND		ug/Kg	5.0	0.4	04/25/24	04/25/24
1,2-Dichlorobenzene	ND		ug/Kg	5.0	0.4	04/25/24	04/25/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	5.0	1.2	04/25/24	04/25/24
1,2,4-Trichlorobenzene	ND		ug/Kg	5.0	0.6	04/25/24	04/25/24
Hexachlorobutadiene	ND		ug/Kg	5.0	0.6	04/25/24	04/25/24
Naphthalene	ND		ug/Kg	5.0	1.2	04/25/24	04/25/24
1,2,3-Trichlorobenzene	ND		ug/Kg	5.0	0.7	04/25/24	04/25/24
Xylene (total)	ND		ug/Kg	5.0		04/25/24	04/25/24
Surrogates				Limits			
Dibromofluoromethane	98%		%REC	70-130		04/25/24	04/25/24
1,2-Dichloroethane-d4	100%		%REC	70-145		04/25/24	04/25/24
Toluene-d8	100%		%REC	70-145		04/25/24	04/25/24
Bromofluorobenzene	102%		%REC	70-145		04/25/24	04/25/24

Batch QC

Type: Blank	Lab ID: QC1147736	Batch: 338712
Matrix: Soil	Method: EPA 8260B	Prep Method: EPA 5035

QC1147736 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/Kg	250	51	04/25/24	04/25/24
cis-1,4-Dichloro-2-butene	ND		ug/Kg	250	55	04/25/24	04/25/24
trans-1,4-Dichloro-2-butene	ND		ug/Kg	250	21	04/25/24	04/25/24
Freon 12	ND		ug/Kg	250	130	04/25/24	04/25/24
Chloromethane	ND		ug/Kg	250	180	04/25/24	04/25/24
Vinyl Chloride	ND		ug/Kg	250	81	04/25/24	04/25/24
Bromomethane	ND		ug/Kg	250	190	04/25/24	04/25/24
Chloroethane	ND		ug/Kg	250	130	04/25/24	04/25/24
Trichlorofluoromethane	ND		ug/Kg	250	99	04/25/24	04/25/24
Acetone	ND		ug/Kg	5,000	1,900	04/25/24	04/25/24
Freon 113	ND		ug/Kg	250	69	04/25/24	04/25/24
1,1-Dichloroethene	ND		ug/Kg	250	64	04/25/24	04/25/24
Methylene Chloride	ND		ug/Kg	400	400	04/25/24	04/25/24
MTBE	ND		ug/Kg	250	66	04/25/24	04/25/24
trans-1,2-Dichloroethene	ND		ug/Kg	250	49	04/25/24	04/25/24
1,1-Dichloroethane	ND		ug/Kg	250	52	04/25/24	04/25/24
2-Butanone	ND		ug/Kg	5,000	280	04/25/24	04/25/24
cis-1,2-Dichloroethene	ND		ug/Kg	250	59	04/25/24	04/25/24
2,2-Dichloropropane	ND		ug/Kg	250	45	04/25/24	04/25/24
Chloroform	ND		ug/Kg	250	78	04/25/24	04/25/24
Bromochloromethane	ND		ug/Kg	250	68	04/25/24	04/25/24
1,1,1-Trichloroethane	ND		ug/Kg	250	57	04/25/24	04/25/24
1,1-Dichloropropene	ND		ug/Kg	250	68	04/25/24	04/25/24
Carbon Tetrachloride	ND		ug/Kg	250	56	04/25/24	04/25/24
1,2-Dichloroethane	ND		ug/Kg	250	98	04/25/24	04/25/24
Benzene	ND		ug/Kg	250	33	04/25/24	04/25/24
Trichloroethene	ND		ug/Kg	250	38	04/25/24	04/25/24
1,2-Dichloropropane	ND		ug/Kg	250	31	04/25/24	04/25/24
Bromodichloromethane	ND		ug/Kg	250	40	04/25/24	04/25/24
Dibromomethane	ND		ug/Kg	250	55	04/25/24	04/25/24
4-Methyl-2-Pentanone	ND		ug/Kg	250	85	04/25/24	04/25/24
cis-1,3-Dichloropropene	ND		ug/Kg	250	44	04/25/24	04/25/24
Toluene	ND		ug/Kg	250	51	04/25/24	04/25/24
trans-1,3-Dichloropropene	ND		ug/Kg	250	57	04/25/24	04/25/24
1,1,2-Trichloroethane	ND		ug/Kg	250	33	04/25/24	04/25/24
1,3-Dichloropropane	ND		ug/Kg	250	43	04/25/24	04/25/24
Tetrachloroethene	ND		ug/Kg	250	37	04/25/24	04/25/24
Dibromochloromethane	ND		ug/Kg	250	41	04/25/24	04/25/24
1,2-Dibromoethane	ND		ug/Kg	250	31	04/25/24	04/25/24
Chlorobenzene	ND		ug/Kg	250	46	04/25/24	04/25/24
1,1,1,2-Tetrachloroethane	ND		ug/Kg	250	57	04/25/24	04/25/24
Ethylbenzene	ND		ug/Kg	250	54	04/25/24	04/25/24
m,p-Xylenes	ND		ug/Kg	500	120	04/25/24	04/25/24
o-Xylene	ND		ug/Kg	250	52	04/25/24	04/25/24
Styrene	ND		ug/Kg	250	47	04/25/24	04/25/24
Bromoform	ND		ug/Kg	250	43	04/25/24	04/25/24
Isopropylbenzene	ND		ug/Kg	250	42	04/25/24	04/25/24

Batch QC

QC1147736 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,1,2,2-Tetrachloroethane	ND		ug/Kg	250	54	04/25/24	04/25/24
1,2,3-Trichloropropane	ND		ug/Kg	250	72	04/25/24	04/25/24
Propylbenzene	ND		ug/Kg	250	40	04/25/24	04/25/24
Bromobenzene	ND		ug/Kg	250	45	04/25/24	04/25/24
1,3,5-Trimethylbenzene	ND		ug/Kg	250	36	04/25/24	04/25/24
2-Chlorotoluene	ND		ug/Kg	250	52	04/25/24	04/25/24
4-Chlorotoluene	ND		ug/Kg	250	41	04/25/24	04/25/24
tert-Butylbenzene	ND		ug/Kg	250	33	04/25/24	04/25/24
1,2,4-Trimethylbenzene	ND		ug/Kg	250	47	04/25/24	04/25/24
sec-Butylbenzene	ND		ug/Kg	250	37	04/25/24	04/25/24
para-Isopropyl Toluene	ND		ug/Kg	250	37	04/25/24	04/25/24
1,3-Dichlorobenzene	ND		ug/Kg	250	38	04/25/24	04/25/24
1,4-Dichlorobenzene	ND		ug/Kg	250	42	04/25/24	04/25/24
n-Butylbenzene	ND		ug/Kg	250	58	04/25/24	04/25/24
1,2-Dichlorobenzene	ND		ug/Kg	250	44	04/25/24	04/25/24
1,2-Dibromo-3-Chloropropane	ND		ug/Kg	250	77	04/25/24	04/25/24
1,2,4-Trichlorobenzene	ND		ug/Kg	250	67	04/25/24	04/25/24
Hexachlorobutadiene	ND		ug/Kg	250	56	04/25/24	04/25/24
Naphthalene	ND		ug/Kg	250	73	04/25/24	04/25/24
1,2,3-Trichlorobenzene	ND		ug/Kg	250	58	04/25/24	04/25/24
Xylene (total)	ND		ug/Kg	250		04/25/24	04/25/24
Surrogates				Limits			
Dibromofluoromethane	100%		%REC	70-130		04/25/24	04/25/24
1,2-Dichloroethane-d4	98%		%REC	70-145		04/25/24	04/25/24
Toluene-d8	99%		%REC	70-145		04/25/24	04/25/24
Bromofluorobenzene	101%		%REC	70-145		04/25/24	04/25/24

Type: Matrix Spike	Lab ID: QC1147803	Batch: 338712
Matrix (Source ID): Soil (506833-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1147803 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	40.39	ND	50.00	ug/Kg	81%		70-141	1
MTBE	38.77	ND	50.00	ug/Kg	78%		59-130	1
Benzene	37.32	ND	50.00	ug/Kg	75%		70-130	1
Trichloroethene	34.65	ND	50.00	ug/Kg	69%		69-130	1
Toluene	35.83	ND	50.00	ug/Kg	72%		70-130	1
Chlorobenzene	37.56	ND	50.00	ug/Kg	75%		70-130	1
Surrogates								
Dibromofluoromethane	51.20		50.00	ug/Kg	102%		70-145	1
1,2-Dichloroethane-d4	51.25		50.00	ug/Kg	103%		70-145	1
Toluene-d8	48.81		50.00	ug/Kg	98%		70-145	1
Bromofluorobenzene	50.90		50.00	ug/Kg	102%		70-145	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1147804	Batch: 338712
Matrix (Source ID): Soil (506833-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1147804 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	44.75	ND	50.00	ug/Kg	90%		70-141	10	43	1
MTBE	40.65	ND	50.00	ug/Kg	81%		59-130	5	30	1
Benzene	40.73	ND	50.00	ug/Kg	81%		70-130	9	30	1
Trichloroethene	37.68	ND	50.00	ug/Kg	75%		69-130	8	30	1
Toluene	38.62	ND	50.00	ug/Kg	77%		70-130	7	30	1
Chlorobenzene	39.97	ND	50.00	ug/Kg	80%		70-130	6	30	1
Surrogates										
Dibromofluoromethane	51.06		50.00	ug/Kg	102%		70-145			1
1,2-Dichloroethane-d4	49.94		50.00	ug/Kg	100%		70-145			1
Toluene-d8	49.44		50.00	ug/Kg	99%		70-145			1
Bromofluorobenzene	50.83		50.00	ug/Kg	102%		70-145			1

Type: Blank	Lab ID: QC1146494	Batch: 338344
Matrix: Soil	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1146494 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1-Methylnaphthalene	ND		ug/Kg	9.9	1.5	04/21/24	04/24/24
2-Methylnaphthalene	ND		ug/Kg	9.9	1.5	04/21/24	04/24/24
Naphthalene	ND		ug/Kg	9.9	3.6	04/21/24	04/24/24
Acenaphthylene	ND		ug/Kg	9.9	1.6	04/21/24	04/24/24
Acenaphthene	ND		ug/Kg	9.9	1.0	04/21/24	04/24/24
Fluorene	ND		ug/Kg	9.9	1.2	04/21/24	04/24/24
Phenanthrene	ND		ug/Kg	9.9	2.2	04/21/24	04/24/24
Anthracene	ND		ug/Kg	9.9	1.4	04/21/24	04/24/24
Fluoranthene	ND		ug/Kg	9.9	3.3	04/21/24	04/24/24
Pyrene	ND		ug/Kg	9.9	3.6	04/21/24	04/24/24
Benzo(a)anthracene	ND		ug/Kg	9.9	1.1	04/21/24	04/24/24
Chrysene	ND		ug/Kg	9.9	0.95	04/21/24	04/24/24
Benzo(b)fluoranthene	ND		ug/Kg	9.9	0.92	04/21/24	04/24/24
Benzo(k)fluoranthene	ND		ug/Kg	9.9	1.0	04/21/24	04/24/24
Benzo(a)pyrene	ND		ug/Kg	9.9	1.3	04/21/24	04/24/24
Indeno(1,2,3-cd)pyrene	ND		ug/Kg	9.9	1.5	04/21/24	04/24/24
Dibenz(a,h)anthracene	ND		ug/Kg	9.9	2.8	04/21/24	04/24/24
Benzo(g,h,i)perylene	ND		ug/Kg	9.9	1.6	04/21/24	04/24/24
Surrogates				Limits			
Nitrobenzene-d5	86%		%REC	27-125		04/21/24	04/24/24
2-Fluorobiphenyl	86%		%REC	30-120		04/21/24	04/24/24
Terphenyl-d14	82%		%REC	33-155		04/21/24	04/24/24

Batch QC

Type: Lab Control Sample	Lab ID: QC1146495	Batch: 338344
Matrix: Soil	Method: EPA 8270C-SIM	Prep Method: EPA 3546

QC1146495 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1-Methylnaphthalene	166.0	201.0	ug/Kg	83%		28-130
2-Methylnaphthalene	168.0	201.0	ug/Kg	84%		33-130
Naphthalene	182.8	201.0	ug/Kg	91%		25-130
Acenaphthylene	159.2	201.0	ug/Kg	79%		28-130
Acenaphthene	167.7	201.0	ug/Kg	83%		32-130
Fluorene	174.1	201.0	ug/Kg	87%		35-130
Phenanthrene	178.8	201.0	ug/Kg	89%		35-132
Anthracene	178.5	201.0	ug/Kg	89%		34-136
Fluoranthene	176.8	201.0	ug/Kg	88%		34-139
Pyrene	175.0	201.0	ug/Kg	87%		35-134
Benzo(a)anthracene	183.0	201.0	ug/Kg	91%		30-132
Chrysene	182.7	201.0	ug/Kg	91%		29-130
Benzo(b)fluoranthene	188.6	201.0	ug/Kg	94%		32-137
Benzo(k)fluoranthene	198.7	201.0	ug/Kg	99%		32-130
Benzo(a)pyrene	164.6	201.0	ug/Kg	82%		10-138
Indeno(1,2,3-cd)pyrene	224.9	201.0	ug/Kg	112%	b	34-132
Dibenz(a,h)anthracene	201.0	201.0	ug/Kg	100%		32-130
Benzo(g,h,i)perylene	217.6	201.0	ug/Kg	108%	b	27-130
Surrogates						
Nitrobenzene-d5	184.1	201.0	ug/Kg	92%		27-125
2-Fluorobiphenyl	171.1	201.0	ug/Kg	85%		30-120
Terphenyl-d14	163.5	201.0	ug/Kg	81%		33-155

Batch QC

Type: Matrix Spike	Lab ID: QC1146496	Batch: 338344
Matrix (Source ID): Soil (506595-008)	Method: EPA 8270C-SIM	Prep Method: EPA 3546
		Basis: Dry

QC1146496 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1-Methylnaphthalene	180.9	ND	220.9	ug/Kg	82%		25-130	2
2-Methylnaphthalene	184.3	10.27	220.9	ug/Kg	79%		32-133	2
Naphthalene	189.0	ND	220.9	ug/Kg	86%		33-130	2
Acenaphthylene	176.3	ND	220.9	ug/Kg	80%		14-157	2
Acenaphthene	175.3	ND	220.9	ug/Kg	79%		28-134	2
Fluorene	181.8	ND	220.9	ug/Kg	82%		27-140	2
Phenanthrene	217.9	63.85	220.9	ug/Kg	70%		29-147	2
Anthracene	187.5	9.673	220.9	ug/Kg	81%		24-156	2
Fluoranthene	206.3	35.31	220.9	ug/Kg	77%		28-160	2
Pyrene	218.5	53.90	220.9	ug/Kg	75%		26-153	2
Benzo(a)anthracene	205.4	35.74	220.9	ug/Kg	77%		26-174	2
Chrysene	224.7	76.83	220.9	ug/Kg	67%		40-139	2
Benzo(b)fluoranthene	205.9	36.46	220.9	ug/Kg	77%		36-164	2
Benzo(k)fluoranthene	209.9	11.13	220.9	ug/Kg	90%		36-161	2
Benzo(a)pyrene	190.5	28.48	220.9	ug/Kg	73%		18-173	2
Indeno(1,2,3-cd)pyrene	217.1	17.31	220.9	ug/Kg	90%	b	26-154	2
Dibenz(a,h)anthracene	182.8	ND	220.9	ug/Kg	83%		38-132	2
Benzo(g,h,i)perylene	212.9	23.84	220.9	ug/Kg	86%	b	36-130	2
Surrogates								
Nitrobenzene-d5	185.5		220.9	ug/Kg	84%		27-125	2
2-Fluorobiphenyl	182.5		220.9	ug/Kg	83%		30-120	2
Terphenyl-d14	164.4		220.9	ug/Kg	74%		33-155	2

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1146497	Batch: 338344
Matrix (Source ID): Soil (506595-008)	Method: EPA 8270C-SIM	Prep Method: EPA 3546
		Basis: Dry

QC1146497 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1-Methylnaphthalene	184.5	ND	219.8	ug/Kg	84%		25-130	2	35	2
2-Methylnaphthalene	187.3	10.27	219.8	ug/Kg	81%		32-133	2	35	2
Naphthalene	182.1	ND	219.8	ug/Kg	83%		33-130	3	35	2
Acenaphthylene	173.6	ND	219.8	ug/Kg	79%		14-157	1	35	2
Acenaphthene	169.9	ND	219.8	ug/Kg	77%		28-134	3	35	2
Fluorene	176.3	ND	219.8	ug/Kg	80%		27-140	3	35	2
Phenanthrene	254.6	63.85	219.8	ug/Kg	87%		29-147	16	35	2
Anthracene	196.1	9.673	219.8	ug/Kg	85%		24-156	5	35	2
Fluoranthene	332.4	35.31	219.8	ug/Kg	135%		28-160	47*	35	2
Pyrene	328.3	53.90	219.8	ug/Kg	125%		26-153	41*	35	2
Benzo(a)anthracene	293.1	35.74	219.8	ug/Kg	117%		26-174	36*	35	2
Chrysene	311.4	76.83	219.8	ug/Kg	107%		40-139	33	35	2
Benzo(b)fluoranthene	322.4	36.46	219.8	ug/Kg	130%		36-164	44*	35	2
Benzo(k)fluoranthene	259.8	11.13	219.8	ug/Kg	113%		36-161	22	35	2
Benzo(a)pyrene	283.6	28.48	219.8	ug/Kg	116%		18-173	40*	35	2
Indeno(1,2,3-cd)pyrene	268.5	17.31	219.8	ug/Kg	114%	b	26-154	22	35	2
Dibenz(a,h)anthracene	182.8	ND	219.8	ug/Kg	83%		38-132	0	35	2
Benzo(g,h,i)perylene	260.0	23.84	219.8	ug/Kg	107%	b	36-130	20	35	2
Surrogates										
Nitrobenzene-d5	184.5		219.8	ug/Kg	84%		27-125			2
2-Fluorobiphenyl	176.3		219.8	ug/Kg	80%		30-120			2
Terphenyl-d14	162.4		219.8	ug/Kg	74%		33-155			2

CCV drift outside limits; average CCV drift within limits per method requirements
 * Value is outside QC limits
 J Estimated value
 ND Not Detected
 b See narrative

Laboratory Job Number 506595

Subcontracted Products

SGS Forensic

Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

Enthalpy Analytical LLC
 Miguel Gamboa
 2323 5th Street

Berkeley, CA 94710

Client ID: 1137
Report Number: N016124
Date Received: 04/19/24
Date Analyzed: 04/26/24
Date Printed: 04/26/24

Job ID/Site: PO-064054 - Enthalpy EO# 506595

SGSFL Job ID: 1137

PLM Report Number: N/A

Total Samples Submitted: 6
Total Samples Analyzed: 6

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
MS1-4	12742884	Brown Soil
<i>Visual Estimation Results:</i>		
Matrix percentage of entire sample	100	
Visual estimation percentage:	None Detected	
Asbestos type(s) detected:	None Detected	
Comment: This result meets the requirements of Exception I as defined by the 435 Method.		
MS32	12742885	Brown Soil
<i>Visual Estimation Results:</i>		
Matrix percentage of entire sample	100	
Visual estimation percentage:	None Detected	
Asbestos type(s) detected:	None Detected	
Comment: This result meets the requirements of Exception I as defined by the 435 Method.		
RA 3-1	12742886	Tan Soil
<i>Visual Estimation Results:</i>		
Matrix percentage of entire sample	100	
Visual estimation percentage:	None Detected	
Asbestos type(s) detected:	None Detected	
Comment: This result meets the requirements of Exception I as defined by the 435 Method.		
PC 2-1.5	12742887	Tan Soil
<i>Visual Estimation Results:</i>		
Matrix percentage of entire sample	100	
Visual estimation percentage:	None Detected	
Asbestos type(s) detected:	None Detected	
Comment: This result meets the requirements of Exception I as defined by the 435 Method.		

Bulk Asbestos Material Analysis

(Air Resources Board Method 435, June 6, 1991)

Enthalpy Analytical LLC
Miguel Gamboa
2323 5th Street

Berkeley, CA 94710

Client ID: 1137
Report Number: N016124
Date Received: 04/19/24
Date Analyzed: 04/26/24
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Job ID/Site: PO-064054 - Enthalpy EO# 506595

SGSFL Job ID: 1137

PLM Report Number: N/A

Total Samples Submitted: 6
Total Samples Analyzed: 6

Sample Preparation and Analysis:

Samples were analyzed by the Air Resources Board's Method 435, Determination of Asbestos Content of Serpentine Aggregate. Samples were ground to 200 particle size in the laboratory. Approximately 1 pint was retained for analysis. Samples were prepared for observation according to the guidelines of Exception I and Exception II as defined by the 435 Method. Samples which contained less than 10% asbestos were prepared for observation according to the point count technique as defined by the 435 Method. This analysis was performed with a standard cross-hair reticle.

Sample ID	Lab Number	Layer Description
PC-3-2	12742888	Brown Soil
<i>Visual Estimation Results:</i>		
Matrix percentage of entire sample	100	
Visual estimation percentage:	None Detected	
Asbestos type(s) detected:	None Detected	

Comment: This result meets the requirements of Exception I as defined by the 435 Method.

PC 4 -0.5	12742889	Tan Soil
<i>Visual Estimation Results:</i>		
Matrix percentage of entire sample	100	
Visual estimation percentage:	None Detected	
Asbestos type(s) detected:	None Detected	

Comment: This result meets the requirements of Exception I as defined by the 435 Method.



Maria Casper, Laboratory Supervisor, Hayward Laboratory

Note: Limit of Quantification (LOQ) = 0.25%. Trace denotes the presence of asbestos below the LOQ. ND = None Detected.

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