

Memorandum

TO: City of Auburn Hills Brownfield Redevelopment Authority

FROM: Brian Westhoff, Senior Project Manager, AKT Peerless

DATE: April 12, 2022

SUBJECT: Galloway Creek – 2nd Quarter 2022 Results

Galloway Creek Sampling

The City of Auburn Hills retained AKT Peerless to coordinate and conduct sampling of the Galloway Creek from four locations within the city limits. One surface water and one sediment sample were collected from each location (refer to attached Figure).

Sample Locations

- Location A: One surface water and one sediment sample were taken from the Galloway Creek north of 4470 Castlewood Drive.
- Location B: One surface water and one sediment sample were taken from the Galloway Creek along Hole #12 at the Fieldstone Golf Club.
- Location C: One surface water and one sediment sample were taken from the Galloway Creek west of 1361 N Opdyke Road.
- Location D: One surface water and one sediment sample were taken from the Galloway Creek west of 1400 N Squirrel Road.

Analytical Results

Four surface water and four sediment samples were submitted to Fibertec Environmental Services for analysis of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), herbicides, pesticides, Michigan 10 Metals, and hexavalent chromium.

Sediment Results:

- Chromium (total) detected at all four sediment locations was in the trivalent chromium form. Hexavalent chromium was not detected in any of the sediment samples at concentrations exceeding Residential Cleanup Criteria. Therefore, the Chromium (total) is not a concern.
- Location C exceeded Residential Drinking Water Protection Criteria and GSIP Criteria for Arsenic but was below Statewide Default Background Levels.
- Barium, Cadmium, Copper, Lead, Zinc and Fluorene were above detections limits but below Residential Cleanup Criteria.
- The sediment samples were below method detection limits for the remaining VOCs, SVOCs, PCBs, herbicides, pesticides, and Michigan 10 Metals.

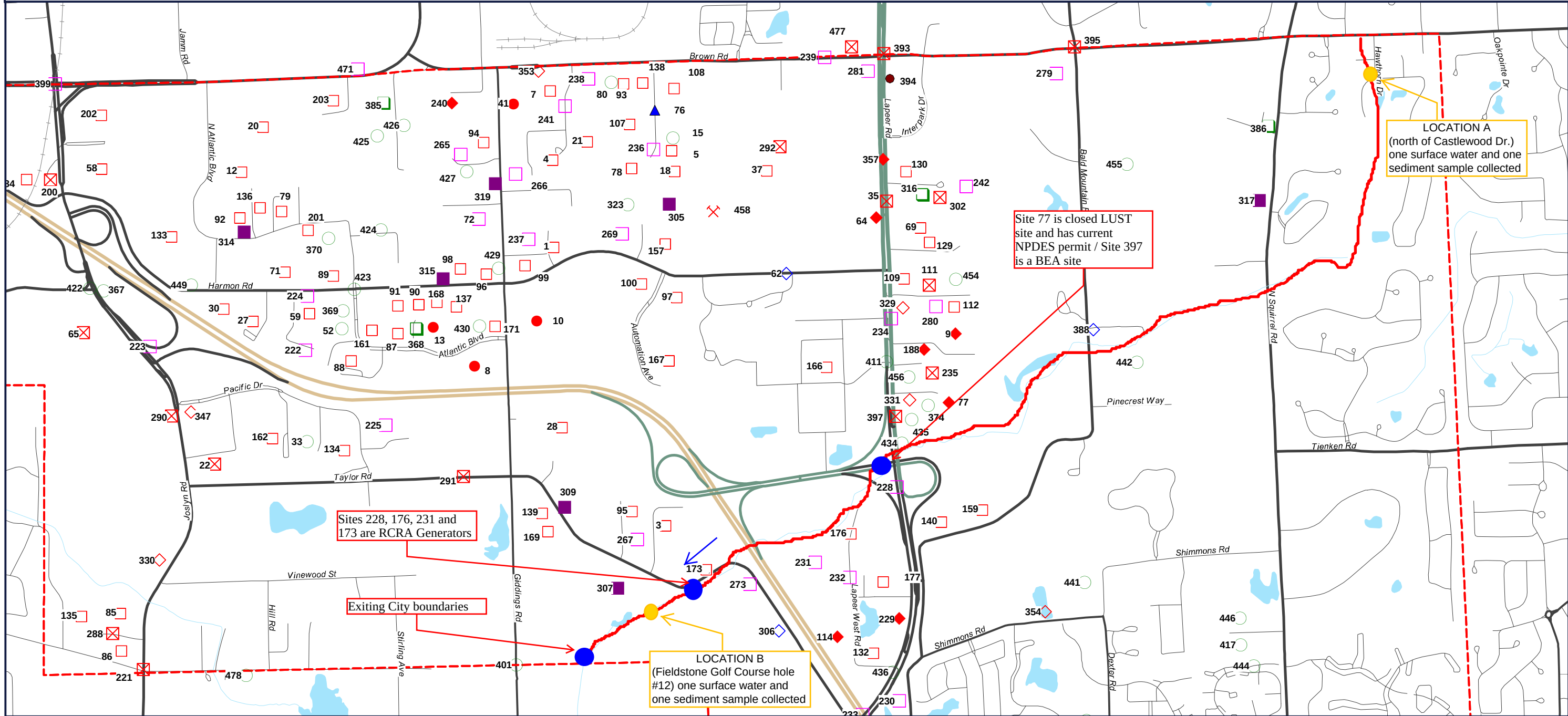
Surface Water Results:

- The surface water samples were below method detection limits for VOCs, SVOCs, PCBs, herbicides, pesticides, Michigan 10 Metals, and hexavalent chromium.

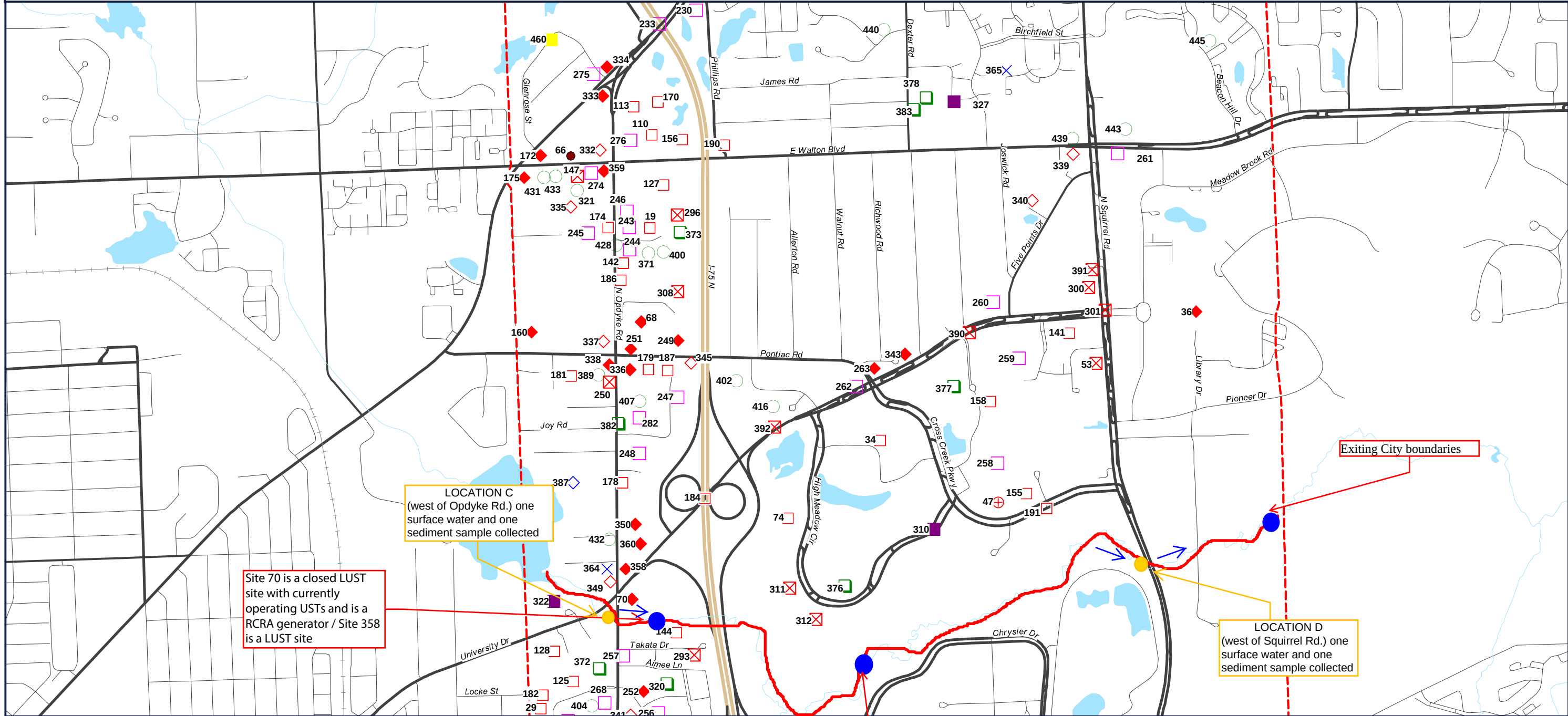
Next Actions:

- Future sampling will be on a quarterly basis for the rest of 2022.

RADIUS MAP



RADIUS MAP



Site 70 is a closed LUST site with currently operating USTs and is a RCRA generator / Site 358 is a LUST site

LOCATION C (west of Opdyke Rd.) one surface water and one sediment sample collected

LOCATION D (west of Squirrel Rd.) one surface water and one sediment sample collected

Exiting City boundaries

Sites 311, 312, 293 are BEA sites

- | | | | | | |
|----------------------|---------|----------|-----------|----------|-------------------------|
| Target Property (TP) | PART201 | SEMSARCH | RAST | NPDES | ICIS |
| RCRA GR05 | BF | ECHOR05 | BF | ERNSMI | |
| PART201 | RUST | BRS | FRSMI | NPDES | |
| BRS | LUST | NMS | HMIRSR05 | ERNSMI | DIRECTION OF WATER FLOW |
| LUST | FRSMI | FUDS | RCRA GR05 | BFR | |
| SSTs | BEA | MLTS | ICEC | MRDS | |
| WDS | IF | ICIS | CLEANERS | ECHOR05 | |
| RCRA GR05 | WDS | RUST | BEA | ALTFUELS | SAMPLE LOCATIONS |
| RCRA GR05 | | | | | |

Auburn Hills Michigan
Auburn Hills, Michigan
48326

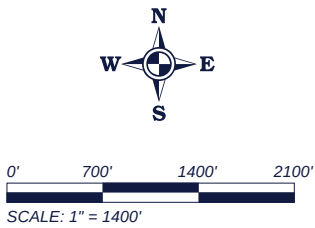


Table 1 - Summary of Sediment Analytical Results
Galloway Creek
Auburn Hills, Michigan
AKT Peerless Project No. 13038F-3-20

		Residential														
Parameters*	Chemical Abstract Service Number	Statewide Default Background Levels	Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Volatilization to Indoor Air Inhalation Criteria	Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Finite VSIC for 5 Meter Source Thickness	Finite VSIC for 2 Meter Source Thickness	Particulate Soil Inhalation Criteria	Direct Contact Criteria	Soil Saturation Concentration Screening Levels	Sample Location	Location A	Location B	Location C	Location D
*(Refer to detailed laboratory report for method reference data)												Collection Date	03/25/22	03/25/22	03/25/22	03/25/22
												Depth	Surface	Surface	Surface	Surface
Metals		NA	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg			ug/Kg	ug/Kg	ug/Kg	ug/Kg
Arsenic	7440-38-2	5,800	4,600	4,600	NLV	NLV	NLV	NLV	7.2E+5	7,600	NA		2,700	2,900	5,600	4,200
Barium (B)	7440-39-3	75,000	1.3E+6	(G)	NLV	NLV	NLV	NLV	3.3E+8	3.7E+7	NA		14,000	19,000	28,000	10,000
Cadmium (B)	7440-43-9	1,200	6,000	(G,X)	NLV	NLV	NLV	NLV	1.7E+6	5.5E+5	NA		51	100	230	<50
Chromium, Total	7440-47-3	18,000 (total)	30,000	3,300	NLV	NLV	NLV	NLV	2.6E+5	2.5E+6	NA		5,800	8,700	23,000	5,900
Chromium III (B,H)	16065-83-1	18,000 (total)	1.0E+9 (D)	(G,X)	NLV	NLV	NLV	NLV	3.3E+8	7.9E+8	NA					
Chromium VI	18540-29-9	NA	30,000	3,300	NLV	NLV	NLV	NLV	2.6E+5	2.5E+6	NA		<520	570	<510	<490
Copper (B)	7440-50-8	32,000	5.8E+6	(G)	NLV	NLV	NLV	NLV	1.3E+8	2.0E+7	NA		3,900	6,800	29,000	3,900
Lead (B)	7439-92-1	21,000	7.0E+5	(G,X)	NLV	NLV	NLV	NLV	1.0E+8	4.0E+5	NA		3,000	14,000	12,000	3,200
Mercury, Total	7439-97-6	130	1,700	50 (M); 1.2	48,000	52,000	52,000	52,000	2.0E+7	1.6E+5	NA		<50	<50	<50	<50
Selenium (B)	7782-49-2	410	4,000	400	NLV	NLV	NLV	NLV	1.3E+8	2.6E+6	NA		<200	<200	<200	<200
Silver (B)	7440-22-4	1,000	4,500	100 (M); 27	NLV	NLV	NLV	NLV	6.7E+6	2.5E+6	NA		<100	<100	<100	<100
Zinc (B)	7440-66-6	47,000	2.4E+6	(G)	NLV	NLV	NLV	NLV	ID	1.7E+8	NA		18,000	35,000	57,000	19,000
		NA														
PCBs ug/Kg		NA														
PCB, Aroclor 1016	12674-11-2	NA											<100	<100	<100	<100
PCB, Aroclor 1221	11104-28-2	NA											<100	<100	<100	<100
PCB, Aroclor 1232	11141-16-5	NA											<100	<100	<100	<100
PCB, Aroclor 1242	53469-21-9	NA											<100	<100	<100	<100
PCB, Aroclor 1248	12672-29-6	NA											<100	<100	<100	<100
PCB, Aroclor 1254	11097-69-1	NA											<100	<100	<100	<100
PCB, Aroclor 1260	11096-82-5	NA											<100	<100	<100	<100
PCB, Aroclor 1262	37324-23-5	NA											<100	<100	<100	<100
PCB, Aroclor 1268	11100-14-4	NA											<100	<100	<100	<100
Polychlorinated biphenyls (PCBs) (J,T)	1336-36-3	NA	NLL	NLL	3.0E+6	2.4E+5	7.9E+6	7.9E+6	5.2E+6	(T)	NA		<100	<100	<100	<100
Organochlorine Herbicides		NA														
Dalapon	75-99-0	NA	4,000	NA	NLV	NLV	NLV	NLV	ID	1.9E+7	5.9E+7		<100	<100	<100	<100
Dicamba	1918-00-9	NA	4,400	NA	NA	NLV	NLV	NLV	ID	3.4E+6	NA		<100	<100	<100	<100
2,4-Dichlorophenoxyacetic acid	94-75-7	NA	1,400	4,400	NLV	NLV	NLV	NLV	6.7E+9	2.5E+6	NA		<200	<200	<200	<200
Dinoseb	88-85-7	NA	300	200 (M); 43	NLV	NLV	NLV	NLV	2.7E+8	66,000 (DD)	1.4E+5		<100	<100	<100	<100
Silvex (2,4,5-TP)	93-72-1	NA	3,600	2,200	NLV	NLV	NLV	NLV	ID	1.7E+6	NA		<200	<200	<200	<200
Organochlorine Pesticides		NA														
Aldrin	309-00-2	NA	NLL	NLL	1.3E+6	58,000	58,000	58,000	6.4E+5	1,000	NA		<20	<20	<20	<20
Chlordane (J)	57-74-9	NA	NLL	NLL	1.1E+7	1.2E+6	1.2E+6	1.2E+6	3.1E+7	31,000	NA		<25	<25	<25	<25
4-4'-DDD	72-54-8	NA	NLL	NLL	NLV	NLV	NLV	NLV	4.4E+7	95,000	NA		<20	<20	<20	<20
4-4'-DDE	72-55-9	NA	NLL	NLL	NLV	NLV	NLV	NLV	3.2E+7	45,000	NA		<20	<20	<20	<20
4-4'-DDT	50-29-3	NA	NLL	NLL	NLV	NLV	NLV	NLV	3.2E+7	57,000	NA		<20	<20	<20	<20
Dieldrin	60-57-1	NA	NLL	NLL	1.4E+5	19,000	19,000	19,000	6.8E+5	1,100	NA		<20	<20	<20	<20
Endosulfan I	959-98-8	NA											<20	<20	<20	<20
Endosulfan II	33213-65-9	NA											<20	<20	<20	<20
Endrin	72-20-8	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	65,000	NA		<20	<20	<20	<20
Heptachlor	76-44-8	NA	NLL	NLL	3.5E+5	62,000	62,000	62,000	2.4E+6	5,600	NA		<20	<20	<20	<20

Table 1 - Summary of Sediment Analytical Results
Galloway Creek
Auburn Hills, Michigan
AKT Peerless Project No. 13038F-3-20

Heptachlor epoxide	1024-57-3	NA	NLL	NLL	NLV	NLV	NLV	NLV	1.2E+6	3,100	NA	<20
Hexachlorobutadiene (C-46)	87-68-3	NA	26,000	91	1.3E+5	1.3E+5	1.3E+5	1.3E+5	1.4E+8	1.0E+5	3.5E+5	<330
alpha-Hexachlorocyclohexane	319-84-6	NA	18	ID	30,000	12,000	22,000	25,000	1.7E+6	2,600	NA	<20
beta-Hexachlorocyclohexane	319-85-7	NA	37	ID	NLV	NLV	NLV	NLV	5.9E+6	5,400	NA	<20
Lindane	58-89-9	NA	20 (M); 7.0	20 (M); 1.1	ID	ID	ID	ID	ID	8,300	NA	<20
Methoxychlor	72-43-5	NA	16,000	NA	ID	ID	ID	ID	ID	1.9E+6	NA	<50
Semivolatiles												
Aniline	62-53-3	NA	1,100	330 (M); 80	NLV	NLV	NLV	NLV	6.7E+7	3.3E+5	4.5E+6	<330
Azobenzene	103-33-3	NA	4,200	ID	6.1E+6	6.3E+5	6.3E+5	6.3E+5	1.0E+8	1.4E+5	NA	<330
Benzyl alcohol	100-51-6	NA	2.0E+5	NA	NLV	NLV	NLV	NLV	3.3E+11	3.2E+8 (C)	5.8E+6	<3,300
4-Bromophenyl Phenylether	101-55-3											<330
Butyl benzyl phthalate	85-68-7	NA	2.2E+6 (C)	1.2E+5 (X)	NLV	NLV	NLV	NLV	4.7E+10	3.6E+7 (C)	3.1E+5	<330
Carbazole	86-74-8	NA	9,400	1,100	NLV	NLV	NLV	NLV	6.2E+7	5.3E+5	NA	<330
4-Chloro-3-methylphenol	59-50-7	NA	5,800	280	NLV	NLV	NLV	NLV	ID	4.5E+6	NA	<280
Bis(2-chloroethoxy)methane	111-91-1											<330
bis(2-Chloroethyl)ether (I)	111-44-4	NA	100	100 (M); 20	8,300	3,800	3,800	3,800	9.4E+6	13,000	2.2E+6	<100
Bis(2-chloroisopropyl) Ether	108-60-1											<330
beta-Chloronaphthalene	91-58-7	NA	6.2E+5	NA	ID	ID	ID	ID	ID	5.6E+7	NA	<330
2-Chlorophenol	95-57-8	NA	900	360	4.3E+5	9.6E+5	9.6E+5	9.6E+5	1.2E+9	1.4E+6	1.9E+7	<330
4-Chlorophenyl Phenylether	7005-72-3											<330
Dibenzofuran	132-64-9	NA	ID	1,700	2.0E+6	1.3E+5	1.3E+5	1.3E+5	6.7E+6	ID	NA	<330
2,4-Dichlorophenol	120-83-2	NA	1,500	330 (M); 220	NLV	NLV	NLV	NLV	5.1E+9	6.6E+5 (DD)	1.8E+6	<330
Diethyl phthalate	84-66-2	NA	1.1E+5	2,200	NLV	NLV	NLV	NLV	3.3E+9	1.7E+8 (C)	7.4E+5	<330
2,4-Dimethylphenol	105-67-9	NA	7,400	7,600	NLV	NLV	NLV	NLV	4.7E+9	1.1E+7	NA	<330
Dimethyl phthalate	131-11-3	NA	1.5E+6 (C)	NA	NLV	NLV	NLV	NLV	3.3E+9	1.0E+9 (C,D)	7.9E+5	<330
Di-n-butyl phthalate	84-74-2	NA	9.6E+5 (C)	11,000	NLV	NLV	NLV	NLV	3.3E+9	2.7E+7 (C)	7.6E+5	<330
2,4-Dinitrophenol	51-28-5											<870
2,4-Dinitrotoluene	121-14-2	NA	430	NA	NLV	NLV	NLV	NLV	1.6E+7	48,000	NA	<330
2,6-Dinitrotoluene	606-20-2											<330
Di-n-octyl phthalate	117-84-0	NA	1.0E+8	ID	NLV	NLV	NLV	NLV	3.1E+10	6.9E+6	1.4E+8	<330
bis(2-Ethylhexyl)phthalate	117-81-7	NA	NLL	NLL	NLV	NLV	NLV	NLV	7.0E+8	2.8E+6	1.0E+7	<330
Hexachlorobenzene (C-66)	118-74-1	NA	1,800	350	41,000	17,000	17,000	17,000	6.8E+6	8,900	NA	<330
Hexachlorocyclopentadiene (C-56)	77-47-4	NA	3.2E+5	ID	30,000	50,000	50,000	50,000	1.3E+7	2.3E+6 (C)	7.2E+5	<330
Hexachloroethane	67-72-1	NA	430	1,800 (X)	40,000	5.5E+5	9.3E+5	9.3E+5	2.3E+8	2.3E+5	NA	<330
Isophorone	78-59-1	NA	15,000	26,000 (X)	NLV	NLV	NLV	NLV	1.2E+10	4.8E+6 (C)	2.4E+6	<330
2-Methyl-4,6-dinitrophenol	534-52-1	NA	830 (M); 400	NA	NLV	NLV	NLV	NLV	1.3E+8	79,000	NA	<830
Methylphenol, 2-	95-48-7											<330
Methylphenol, 3- and 4-	MEPH1314											<660
2-Nitroaniline	88-74-4											<330
3-Nitroaniline	99-09-2											<830
4-Nitroaniline	100-01-6											<830
Nitrobenzene (I)	98-95-3	NA	330 (M); 68	3,600 (X)	91,000	54,000	54,000	54,000	4.7E+7	1.0E+5	4.9E+5	<330
2-Nitrophenol	88-75-5	NA	400	ID	NLV	NLV	NLV	NLV	ID	6.3E+5	NA	<330
4-Nitrophenol	100-02-7											<830
N-Nitrosodimethylamine	62-75-9											<330
n-Nitroso-di-n-propylamine	621-64-7	NA	330 (M); 100	NA	NLV	NLV	NLV	NLV	1.6E+6	1,200	1.5E+6	<330
N-Nitrosodiphenylamine	86-30-6	NA	5,400	NA	NLV	NLV	NLV	NLV	2.2E+9	1.7E+6	NA	<330
Pentachlorophenol	87-86-5	NA	22	(G,X)	NLV	NLV	NLV	NLV	1.0E+8	90,000	NA	<800
Phenol	108-95-2	NA	88,000	9,000	NLV	NLV	NLV	NLV	4.0E+10	4.0E+7 (C,DD)	1.2E+7	<330
Pyridine (I)	110-86-1	NA	400	NA	1,100	8,200	40,000	97,000	2.3E+8	2.3E+5 (C)	37,000	<330

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Galloway Creek
Auburn Hills, Michigan
AKT Peerless Project No. 13038F-3-20

2,4,5-Trichlorophenol	95-95-4	NA	39,000	NA	NLV	NLV	NLV	NLV	2.3E+10	2.3E+7	NA	<330	<450	<430	<330
2,4,6-Trichlorophenol	88-06-2	NA	2,400	330 (M); 100	NLV	NLV	NLV	NLV	1.0E+9	7.1E+5	NA	<330	<450	<430	<330
Semivolatiles, PNAs															
Acenaphthene	83-32-9	NA	3.0E+5	8,700	1.9E+8	8.1E+7	8.1E+7	8.1E+7	1.4E+10	4.1E+7	NA	<330	<450	<430	<330
Acenaphthylene	208-96-8	NA	5,900	ID	1.6E+6	2.2E+6	2.2E+6	2.2E+6	2.3E+9	1.6E+6	NA	<330	<450	<430	<330
Anthracene	120-12-7	NA	41,000	ID	1.0E+9 (D)	1.4E+9	1.4E+9	1.4E+9	6.7E+10	2.3E+8	NA	<330	<450	<430	<330
Benzo(a)anthracene (Q)	56-55-3	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA	<330	<450	<430	<330
Benzo(a)pyrene (Q)	50-32-8	NA	NLL	NLL	NLV	NLV	NLV	NLV	1.5E+6	2,000	NA	<330	<450	<430	<330
Benzo(b)fluoranthene (Q)	205-99-2	NA	NLL	NLL	ID	ID	ID	ID	ID	20,000	NA	<330	<450	<430	<330
Benzo(g,h,i)perylene	191-24-2	NA	NLL	NLL	NLV	NLV	NLV	NLV	8.0E+8	2.5E+6	NA	<330	<450	<430	<330
Benzo(k)fluoranthene (Q)	207-08-9	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	2.0E+5	NA	<330	<450	<430	<330
Chrysene (Q)	218-01-9	NA	NLL	NLL	ID	ID	ID	ID	ID	2.0E+6	NA	<330	<450	<430	<330
Dibenzo(a,h)anthracene (Q)	53-70-3	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	2,000	NA	<330	<450	<430	<330
Fluoranthene	206-44-0	NA	7.3E+5	5,500	1.0E+9 (D)	7.4E+8	7.4E+8	7.4E+8	9.3E+9	4.6E+7	NA	<330	<450	470	<330
Fluorene	86-73-7	NA	3.9E+5	5,300	5.8E+8	1.3E+8	1.3E+8	1.3E+8	9.3E+9	2.7E+7	NA	<330	<450	<430	<330
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA	<330	<450	<430	<330
2-Methylnaphthalene	91-57-6	NA	57,000	4,200	2.7E+6	1.5E+6	1.5E+6	1.5E+6	6.7E+8	8.1E+6	NA	<330	<450	<430	<330
Phenanthrene	85-01-8	NA	56,000	2,100	2.8E+6	1.6E+5	1.6E+5	1.6E+5	6.7E+6	1.6E+6	NA	<330	<450	<430	<330
Pyrene	129-00-0	NA	4.8E+5	ID	1.0E+9 (D)	6.5E+8	6.5E+8	6.5E+8	6.7E+9	2.9E+7	NA	<330	<450	<430	<330
Toxaphene															
Toxaphene	8001-35-2	NA	24,000	8,200	NLV	NLV	NLV	NLV	9.7E+6	20,000	NA	<170	<170	<170	<170
Volatiles															
Acetone (I)	67-64-1	NA	15,000	34,000	2.9E+8 (C)	1.3E+8	1.3E+8	1.9E+8	3.9E+11	2.3E+7	1.1E+8	<1,000	<1,000	<1,000	<1,000
Acrylonitrile (I)	107-13-1	NA	100 (M); 52	100 (M); 40	6,600	5,000	5,100	10,000	4.6E+7	16,000	8.3E+6	<160	<170	<160	<140
Benzene (I)	71-43-2	NA	100	4,000 (X)	1,600	13,000	34,000	79,000	3.8E+8	1.8E+5	4.0E+5	<50	<50	<50	<50
Bromobenzene (I)	108-86-1	NA	550	NA	3.1E+5	4.5E+5	4.5E+5	4.5E+5	5.3E+8	5.4E+5	7.6E+5	<100	<100	<100	<100
Bromochloromethane	74-97-5											<100	<100	<100	<100
Bromodichloromethane	75-27-4	NA	1,600 (W)	ID	1,200	9,100	9,700	19,000	8.4E+7	1.1E+5	1.5E+6	<100	<100	<100	<100
Bromoform	75-25-2	NA	1,600 (W)	ID	1.5E+5	9.0E+5	9.0E+5	9.0E+5	2.8E+9	8.2E+5	8.7E+5	<160	<170	<160	<140
Bromomethane	74-83-9	NA	200	100	860	11,000	57,000	1.4E+5	3.3E+8	3.2E+5	2.2E+6	<200	<200	<200	<200
2-Butanone (MEK) (I)	78-93-3	NA	2.6E+5	44,000	5.4E+7 (C)	2.9E+7	2.9E+7	3.5E+7	6.7E+10	1.2E+8 (C,DD)	2.7E+7	<820	<840	<780	<750
n-Butylbenzene	104-51-8	NA	1,600	ID	ID	ID	ID	ID	2.0E+9	2.5E+6	1.0E+7	<82	<84	<78	<71
sec-Butylbenzene	135-98-8	NA	1,600	ID	ID	ID	ID	ID	4.0E+8	2.5E+6	1.0E+7	<82	<84	<78	<71
tert-Butylbenzene (I)	98-06-6	NA	1,600	ID	ID	ID	ID	ID	6.7E+8	2.5E+6	1.0E+7	<82	<84	<78	<71
Carbon disulfide (I,R)	75-15-0	NA	16,000	ID	76,000	1.3E+6	7.9E+6	1.9E+7	4.7E+10	7.2E+6 (C,DD)	2.8E+5	<250	<250	<250	<250
Carbon tetrachloride	56-23-5	NA	100	760 (X)	190	3,500	12,000	28,000	1.3E+8	96,000	3.9E+5	<50	<50	<50	<50
Chlorobenzene (I)	108-90-7	NA	2,000	500	1.2E+5	7.7E+5	9.9E+5	2.1E+6	4.7E+9	4.3E+6 (C)	2.6E+5	<50	<50	<50	<50
Chloroethane	75-00-3	NA	8,600	22,000 (X)	2.9E+6 (C)	3.0E+7	1.2E+8	2.8E+8	6.7E+11	2.6E+6 (C)	9.5E+5	<250	<250	<250	<250
Chloroform	67-66-3	NA	1,600 (W)	7,000	7,200	45,000	1.2E+5	2.7E+5	1.3E+9	1.2E+6	1.5E+6	<50	<50	<50	<50
Chloromethane (I)	74-87-3	NA	5,200	ID	2,300	40,000	4.1E+5	1.0E+6	4.9E+9	1.6E+6 (C)	1.1E+6	<250	<250	<250	<250
o-Chlorotoluene (I)	95-49-8	NA	3,300	ID	2.7E+5	1.2E+6	2.9E+6	6.3E+6	4.7E+9	4.5E+6 (C)	5.0E+5	<50	<50	<50	<50
Dibromochloromethane	124-48-1	NA	1,600 (W)	ID	3,900	24,000	24,000	33,000	1.3E+8	1.1E+5	6.1E+5	<160	<170	<160	<140
Dibromochloropropane	96-12-8	NA	10 (M); 4.0	ID	220	260	260	260	5.6E+5	4,400 (C)	1,200	<250	<250	<250	<250
Dibromomethane	74-95-3	NA	1,600	NA	ID	ID	ID	ID	ID	2.5E+6 (C)	2.0E+6	<250	<250	<250	<250
1,2-Dichlorobenzene	95-50-1	NA	14,000	280	1.1E+7 (C)	3.9E+7	3.9E+7	5.2E+7	1.0E+11	1.9E+7 (C)	2.1E+5	<100	<100	<100	<100
1,3-Dichlorobenzene	541-73-1	NA	170	680	26,000	79,000	79,000	1.1E+5	2.0E+8	2.0E+5 (C)	1.7E+5	<100	<100	<100	<100
1,4-Dichlorobenzene	106-46-7	NA	1,700	360	19,000	77,000	77,000	1.1E+5	4.5E+8	4.0E+5	NA	<100	<100	<100	<100
Dichlorodifluoromethane	75-71-8	NA	95,000	ID	9.0E+5	5.3E+7	5.5E+8	1.4E+9	3.3E+12	5.2E+7 (C)	1.0E+6	<410	<420	<390	<350

Table 1 - Summary of Sediment Analytical Results
Galloway Creek
Auburn Hills, Michigan
AKT Peerless Project No. 13038F-3-20

1,1-Dichloroethane	75-34-3	NA	18,000	15,000	2.3E+5	2.1E+6	5.9E+6	1.4E+7	3.3E+10	2.7E+7 (C)	8.9E+5		<82	<84	<78	<71
1,2-Dichloroethane (I)	107-06-2	NA	100	7,200 (X)	2,100	6,200	11,000	26,000	1.2E+8	91,000	1.2E+6		<82	<84	<78	<71
cis-1,2-Dichloroethylene	156-59-2	NA	1,400	12,000	22,000	1.8E+5	4.2E+5	9.9E+5	2.3E+9	2.5E+6 (C)	6.4E+5		<50	<50	<50	<50
trans-1,2-Dichloroethylene	156-60-5	NA	2,000	30,000 (X)	23,000	2.8E+5	8.3E+5	2.0E+6	4.7E+9	3.8E+6 (C)	1.4E+6		<50	<50	<50	<50
1,1-Dichloroethylene (I)	75-35-4	NA	140	2,600	62	1,100	5,300	13,000	6.2E+7	2.0E+5	5.7E+5		<50	<50	<50	<50
1,2-Dichloropropane (I)	78-87-5	NA	100	4,600 (X)	4,000	25,000	50,000	1.1E+5	2.7E+8	1.4E+5	5.5E+5		<82	<84	<78	<71
cis-1,3-Dichloropropylene	10061-01-5												<82	<84	<78	<71
trans-1,3-Dichloropropylene	10061-02-6												<82	<84	<78	<71
Ethylbenzene (I)	100-41-4	NA	1,500	360	87,000	7.2E+5	1.0E+6	2.2E+6	1.0E+10	2.2E+7 (C)	1.4E+5		<50	<50	<50	<50
Ethylene dibromide	106-93-4	NA	20 (M); 1.0	110 (X)	670	1,700	1,700	3,300	1.4E+7	92	8.9E+5		<50	<50	<50	<50
2-Hexanone	591-78-6	NA	20,000	ID	9.9E+5	1.1E+6	1.1E+6	1.4E+6	2.7E+9	3.2E+7 (C)	2.5E+6		<2,500	<2,500	<2,500	<2,500
Isopropyl benzene	98-82-8	NA	91,000	3,200	4.0E+5 (C)	1.7E+6	1.7E+6	2.8E+6	5.8E+9	2.5E+7 (C)	3.9E+5		<250	<250	<250	<250
4-Methyl-2-pentanone (MIBK) (I)	108-10-1	NA	36,000	ID	3.7E+7 (C)	4.5E+7	4.5E+7	6.7E+7	1.4E+11	5.6E+7 (C)	2.7E+6		<2,500	<2,500	<2,500	<2,500
Methylene chloride	75-09-2	NA	100	30,000 (X)	45,000	2.1E+5	5.9E+5	1.4E+6	6.6E+9	1.3E+6	2.3E+6		<160	<170	<160	<140
Methyl-tert-butyl ether (MTBE)	1634-04-4	NA	800	1.4E+5 (X)	9.9E+6 (C)	2.5E+7	3.9E+7	8.7E+7	2.0E+11	1.5E+6	5.9E+6		<250	<250	<250	<250
Naphthalene	91-20-3	NA	35,000	730	2.5E+5	3.0E+5	3.0E+5	3.0E+5	2.0E+8	1.6E+7	NA		<330	<330	<330	<330
n-Propylbenzene (I)	103-65-1	NA	1,600	ID	ID	ID	ID	ID	1.3E+9	2.5E+6	1.0E+7		<100	<100	<100	<100
Styrene	100-42-5	NA	2,700	2,100 (X)	2.5E+5	9.7E+5	9.7E+5	1.4E+6	5.5E+9	4.0E+5	5.2E+5		<82	<84	<78	<71
1,1,1,2-Tetrachloroethane	630-20-6	NA	1,500	ID	6,200	36,000	54,000	1.0E+5	4.2E+8	4.8E+5 (C)	4.4E+5		<100	<100	<100	<100
1,1,2,2-Tetrachloroethane	79-34-5	NA	170	1,600 (X)	4,300	10,000	10,000	14,000	5.4E+7	53,000	8.7E+5		<82	<84	<78	<71
Tetrachloroethylene	127-18-4	NA	100	1,200 (X)	11,000	1.7E+5	4.8E+5	1.1E+6	2.7E+9	2.0E+5 (C)	88,000		<82	<84	<78	<71
Toluene (I)	108-88-3	NA	16,000	5,400	3.3E+5 (C)	2.8E+6	5.1E+6	1.2E+7	2.7E+10	5.0E+7 (C)	2.5E+5		<50	<50	<50	<50
1,2,4-Trichlorobenzene	120-82-1	NA	4,200	5,900 (X)	9.6E+6 (C)	2.8E+7	2.8E+7	2.8E+7	2.5E+10	9.9E+5 (DD)	1.1E+6		<250	<250	<250	<250
1,1,1-Trichloroethane	71-55-6	NA	4,000	1,800	2.5E+5	3.8E+6	1.2E+7	2.8E+7	6.7E+10	5.0E+8 (C)	4.6E+5		<82	<84	<78	<71
1,1,2-Trichloroethane	79-00-5	NA	100	6,600 (X)	4,600	17,000	21,000	44,000	1.9E+8	1.8E+5	9.2E+5		<50	<50	<50	<50
Trichloroethylene	79-01-6	NA	100	4,000 (X)	1,000	11,000	25,000	57,000	1.3E+8	1.1E+5 (DD)	5.0E+5		<82	<84	<78	<71
Trichlorofluoromethane	75-69-4	NA	52,000	NA	2.8E+6 (C)	9.2E+7	6.3E+8	1.5E+9	3.8E+12	7.9E+7 (C)	5.6E+5		<100	<100	<100	<100
1,2,3-Trichloropropane	96-18-4	NA	840	NA	4,000	9,200	9,200	11,000	2.0E+7	1.3E+6 (C)	8.3E+5		<160	<170	<160	<140
1,2,3-Trimethylbenzene	526-73-8												<100	<100	<100	<100
1,2,4-Trimethylbenzene (I)	95-63-6	NA	2,100	570	4.3E+6 (C)	2.1E+7	5.0E+8	5.0E+8	8.2E+10	3.2E+7 (C)	1.1E+5		<100	<100	<100	<100
1,3,5-Trimethylbenzene (I)	108-67-8	NA	1,800	1,100	2.6E+6 (C)	1.6E+7	3.8E+8	3.8E+8	8.2E+10	3.2E+7 (C)	94,000		<100	<100	<100	<100
Vinyl chloride	75-01-4	NA	40	260 (X)	270	4,200	30,000	73,000	3.5E+8	3,800	4.9E+5		<41	<42	<40	<40
Xylenes (I)	1330-20-7	NA	5,600	980	6.3E+6 (C)	4.6E+7	6.1E+7	1.3E+8	2.9E+11	4.1E+8 (C)	1.5E+5		<150	<150	<150	<150

Table 2: Summary of Surface Water Analytical Results
Galloway Creek
Auburn Hills, Michigan
AKT Peerless Project No. 13038F-3-20

Residential											
Parameters	Chemical Abstract Service Number	Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Groundwater Volatilization to Indoor Air Inhalation Criteria	Water Solubility	Flammability and Explosivity Screening Level	Sample Location	Location A	Location B	Location C	Location D
(Refer to detailed laboratory report for method reference data)							Collection Date	03/25/22	03/25/22	03/25/22	03/25/22
							Screen Depth	Surface	Surface	Surface	Surface
Metals											
Arsenic	7440-38-2	10 (A)	10	NLV	NA	ID		<5.0	<5.0	<5.0	<5.0
Barium (B)	7440-39-3	2,000 (A)	(G)	NLV	NA	ID		<100	<100	<100	<100
Cadmium (B)	7440-43-9	5.0 (A)	(G,X)	NLV	NA	ID		<1.0	<1.0	<1.0	<1.0
Chromium, Total	7440-47-3	100 (A)	11	NLV	NA	ID		<10	<10	<10	<10
Chromium VI	18540-29-9	100 (A)	11	NLV	NA	ID		<5.0	<5.0	<5.0	<5.0
Copper (B)	7440-50-8	1,000 (E)	(G)	NLV	NA	ID		<4.0	<4.0	<4.0	<4.0
Lead (B)	7439-92-1	4.0 (L)	(G,X)	NLV	NA	ID		<3.0	<3.0	<3.0	<3.0
Mercury, Total	7439-97-6	2.0 (A)	0.0013	56 (S)	56	ID		<0.20	<0.20	<0.20	<0.20
Selenium (B)	7782-49-2	50 (A)	5.0	NLV	NA	ID		<5.0	<5.0	<5.0	<5.0
Silver (B)	7440-22-4	34	0.2 (M); 0.06	NLV	NA	ID		<0.20	<0.20	<0.20	<0.20
Zinc (B)	7440-66-6	2,400	(G)	NLV	NA	ID		<50	<50	<50	<50
PCBs											
PCB, Aroclor 1016	12674-11-2							<0.20	<0.20	<0.20	<0.20
PCB, Aroclor 1221	11104-28-2							<0.20	<0.20	<0.20	<0.20
PCB, Aroclor 1232	11141-16-5							<0.20	<0.20	<0.20	<0.20
PCB, Aroclor 1242	53469-21-9							<0.20	<0.20	<0.20	<0.20
PCB, Aroclor 1248	12672-29-6							<0.20	<0.20	<0.20	<0.20
PCB, Aroclor 1254	11097-69-1							<0.20	<0.20	<0.20	<0.20
PCB, Aroclor 1260	11096-82-5							<0.20	<0.20	<0.20	<0.20
PCB, Aroclor 1262	37324-23-5							<0.20	<0.20	<0.20	<0.20
PCB, Aroclor 1268	11100-14-4							<0.20	<0.20	<0.20	<0.20
Polychlorinated biphenyls (PCBs) (J,T)	1336-36-3	0.5 (A)	0.2 (M); 2.6E-5	45 (S)	44.7	ID		<0.20	<0.20	<0.20	<0.20
Pesticides											
Dalapon	75-99-0	200 (A)	NA	NLV	5.02E+8	ID		<10	<10	<10	<10
Dicamba	1918-00-9	220	NA	NLV	4.5E+6	ID		<1.0	<1.0	<1.0	<1.0
2,4-Dichlorophenoxyacetic acid	94-75-7	70 (A)	220	NLV	6.80E+5	ID		<10	<10	<10	<10
Dinoseb	88-85-7	7.0 (A)	1.0 (M); 0.48	NLV	52,000	ID		<5.0	<5.0	<5.0	<5.0
Silvex (2,4,5-TP)	93-72-1	50 (A)	30	NLV	1.40E+5	ID		<1.0	<1.0	<1.0	<1.0
Pesticides, Chlorinated											
Aldrin	309-00-2	0.098	0.01 (M); 8.7E-6	180 (S)	180	ID		<0.010	<0.010	<0.010	<0.010
Chlordane (J)	57-74-9	2.0 (A)	2.0 (M); 0.00025	56 (S)	56	ID		<0.050	<0.050	<0.050	<0.050
4-4'-DDD	72-54-8	9.1	NA	NLV	90	ID		<0.020	<0.020	<0.020	<0.020
4-4'-DDE	72-55-9	4.3	NA	NLV	120	ID		<0.020	<0.020	<0.020	<0.020
4-4'-DDT	50-29-3	3.6	0.02 (M); 1.1E-5	NLV	25	NA		<0.020	<0.020	<0.020	<0.020
Dieldrin	60-57-1	0.11	0.02 (M); 6.5E-6	200 (S)	195	ID		<0.020	<0.020	<0.020	<0.020
Endosulfan I	959-98-8							<0.030	<0.030	<0.030	<0.030
Endosulfan II	33213-65-9							<0.020	<0.020	<0.020	<0.020
Endrin	72-20-8	2.0 (A)	ID	NLV	250	ID		<0.020	<0.020	<0.020	<0.020
Heptachlor	76-44-8	0.4 (A)	0.01 (M); 0.0018	180 (S)	180	ID		<0.010	<0.010	<0.010	<0.010

Table 2: Summary of Surface Water Analytical Results
Galloway Creek
Auburn Hills, Michigan
AKT Peerless Project No. 13038F-3-20

Residential												
Parameters	Chemical Abstract Service Number	Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Groundwater Volatilization to Indoor Air Inhalation Criteria	Water Solubility	Flammability and Explosivity Screening Level	Sample Location	Location A	Location B	Location C	Location D	
(Refer to detailed laboratory report for method reference data)							Collection Date	03/25/22	03/25/22	03/25/22	03/25/22	
							Screen Depth	Surface	Surface	Surface	Surface	
Heptachlor epoxide	1024-57-3	0.2 (A)	ID	NLV	200	ID		<0.010	<0.010	<0.010	<0.010	
Hexachlorobutadiene (C-46)	87-68-3	15	0.053	1,600	3,230	ID		<5.0	<5.0	<5.0	<5.0	
alpha-Hexachlorocyclohexane	319-84-6	0.43	ID	2,000 (S)	2,000	ID		<0.010	<0.010	<0.010	<0.010	
beta-Hexachlorocyclohexane	319-85-7	0.88	ID	NLV	240	ID		<0.010	<0.010	<0.010	<0.010	
Lindane	58-89-9	0.2 (A)	0.03 (M); 0.026	ID	6,800	ID		<0.010	<0.010	<0.010	<0.010	
Methoxychlor	72-43-5	40 (A)	NA	ID	45	ID		<0.50	<0.50	<0.50	<0.50	
Semivolatiles												
Aniline	62-53-3	53	4.0 (M); 3.0	NLV	3.60E+7	NA		<4.0	<4.0	<4.0	<4.0	
Azobenzene	103-33-3	23	ID	6,400 (S)	6,400	ID		<5.0	<5.0	<5.0	<5.0	
Benzyl alcohol	100-51-6	10,000	NA	NLV	4.40E+7	ID		<5.0	<5.0	<5.0	<5.0	
4-Bromophenyl Phenylether	101-55-3							<5.0	<5.0	<5.0	<5.0	
Butyl benzyl phthalate	85-68-7	1,200	67 (X)	NLV	2,690	ID		<5.0	<5.0	<5.0	<5.0	
Carbazole	86-74-8	85	10 (M); 4.0	NLV	7,480	ID		<5.0	<5.0	<5.0	<5.0	
4-Chloro-3-methylphenol	59-50-7	150	7.4	NLV	3.90E+6	ID		<5.0	<5.0	<5.0	<5.0	
Bis(2-chloroethoxy)methane	111-91-1							<5.0	<5.0	<5.0	<5.0	
bis(2-Chloroethyl)ether (I)	111-44-4	2.0	1.0 (M); 0.79	38,000	1.72E+7	1.7E+7 (S)		<1.0	<1.0	<1.0	<1.0	
Bis(2-chloroisopropyl) Ether	108-60-1							<5.0	<5.0	<5.0	<5.0	
beta-Chloronaphthalene	91-58-7	1,800	NA	ID	6,740	ID		<5.0	<5.0	<5.0	<5.0	
2-Chlorophenol	95-57-8	45	18	4.9E+5	2.20E+7	ID		<5.0	<5.0	<5.0	<5.0	
4-Chlorophenyl Phenylether	7005-72-3							<5.0	<5.0	<5.0	<5.0	
Dibenzofuran	132-64-9	ID	4.0	10,000 (S)	10,000	ID		<4.0	<4.0	<4.0	<4.0	
2,4-Dichlorophenol	120-83-2	73	11	NLV	4.50E+6	ID		<5.0	<5.0	<5.0	<5.0	
Diethyl phthalate	84-66-2	5,500	110	NLV	1.08E+6	NA		<5.0	<5.0	<5.0	<5.0	
2,4-Dimethylphenol	105-67-9	370	380	NLV	7.87E+6	ID		<5.0	<5.0	<5.0	<5.0	
Dimethyl phthalate	131-11-3	73,000	NA	NLV	4.19E+6	NA		<5.0	<5.0	<5.0	<5.0	
Di-n-butyl phthalate	84-74-2	880	9.7	NLV	11,200	NA		<5.0	<5.0	<5.0	<5.0	
2,4-Dinitrophenol	51-28-5							<20	<20	<20	<20	
2,4-Dinitrotoluene	121-14-2	7.7	NA	NLV	2.70E+5	ID		<5.0	<5.0	<5.0	<5.0	
2,6-Dinitrotoluene	606-20-2							<5.0	<5.0	<5.0	<5.0	
Di-n-octyl phthalate	117-84-0	130	ID	NLV	3,000	ID		<5.0	<5.0	<5.0	<5.0	
bis(2-Ethylhexyl)phthalate	117-81-7	6.0 (A)	14	NLV	340	NA		<5.0	<5.0	<5.0	<5.0	
Hexachlorobenzene (C-66)	118-74-1	1.0 (A)	0.2 (M); 0.0003	440	6,200	ID		<5.0	<5.0	<5.0	<5.0	
Hexachlorocyclopentadiene (C-56)	77-47-4	50 (A)	ID	130	1,800	ID		<5.0	<5.0	<5.0	<5.0	
Hexachloroethane	67-72-1	7.3	6.7 (X)	27,000	50,000	ID		<5.0	<5.0	<5.0	<5.0	
Isophorone	78-59-1	770	1,300 (X)	NLV	1.20E+7	ID		<5.0	<5.0	<5.0	<5.0	
2-Methyl-4,6-dinitrophenol	534-52-1	20 (M); 2.6	NA	NLV	2.00E+5	ID		<20	<20	<20	<20	
Methylphenol, 2-	95-48-7		82					<5.0	<5.0	<5.0	<5.0	
Methylphenol, 3- and 4-	MEPH1314		25					<10	<10	<10	<10	
2-Nitroaniline	88-74-4							<20	<20	<20	<20	
3-Nitroaniline	99-09-2							<20	<20	<20	<20	
4-Nitroaniline	100-01-6							<20	<20	<20	<20	
Nitrobenzene (I)	98-95-3	3.4	180 (X)	2.8E+5	2.09E+6	NA		<3.0	<3.0	<3.0	<3.0	

Table 2: Summary of Surface Water Analytical Results
Galloway Creek
Auburn Hills, Michigan
AKT Peerless Project No. 13038F-3-20

Residential											
Parameters	Chemical Abstract Service Number	Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Groundwater Volatilization to Indoor Air Inhalation Criteria	Water Solubility	Flammability and Explosivity Screening Level	Sample Location	Location A	Location B	Location C	Location D
(Refer to detailed laboratory report for method reference data)							Collection Date	03/25/22	03/25/22	03/25/22	03/25/22
							Screen Depth	Surface	Surface	Surface	Surface
2-Nitrophenol	88-75-5	20	ID	NLV	2.50E+6	ID		<5.0	<5.0	<5.0	<5.0
4-Nitrophenol	100-02-7							<20	<20	<20	<20
N-Nitrosodimethylamine	62-75-9							<5.0	<5.0	<5.0	<5.0
n-Nitroso-di-n-propylamine	621-64-7	5.0 (M); 0.19	NA	NLV	9.89E+6	ID		<5.0	<5.0	<5.0	<5.0
N-Nitrosodiphenylamine	86-30-6	270	NA	NLV	35,100	ID		<5.0	<5.0	<5.0	<5.0
Pentachlorophenol	87-86-5	1.0 (A)	(G,X)	NLV	1.85E+6	ID		<20	<20	<20	<20
Phenol	108-95-2	4,400	450	NLV	8.28E+7	NA		<5.0	<5.0	<5.0	<5.0
Pyridine (I)	110-86-1	20 (M); 7.3	NA	5,500	3.00E+5	81,000		<5.0	<5.0	<5.0	<5.0
2,4,5-Trichlorophenol	95-95-4	730	NA	NLV	1.20E+6	ID		<5.0	<5.0	<5.0	<5.0
2,4,6-Trichlorophenol	88-06-2	120	5.0	NLV	8.00E+5	ID		<4.0	<4.0	<4.0	<4.0
Semivolatiles, PNAs											
Acenaphthene	83-32-9	1,300	38	4,200 (S)	4,240	ID		<5.0	<5.0	<5.0	<5.0
Acenaphthylene	208-96-8	52	ID	3,900 (S)	3,930	ID		<5.0	<5.0	<5.0	<5.0
Anthracene	120-12-7	43 (S)	ID	43 (S)	43.4	ID		<5.0	<5.0	<5.0	<5.0
Benzo(a)anthracene (Q)	56-55-3	2.1	ID	NLV	9.4	ID		<1.0	<1.0	<1.0	<1.0
Benzo(a)pyrene (Q)	50-32-8	5.0 (A)	ID	NLV	1.62	ID		<1.0	<1.0	<1.0	<1.0
Benzo(b)fluoranthene (Q)	205-99-2	1.5 (S, AA)	ID	ID	1.5	ID		<1.0	<1.0	<1.0	<1.0
Benzo(g,h,i)perylene	191-24-2	1.0 (M); 0.26 (S)	ID	NLV	0.26	ID		<1.0	<1.0	<1.0	<1.0
Benzo(k)fluoranthene (Q)	207-08-9	1.0 (M); 0.8 (S)	NA	NLV	0.8	ID		<1.0	<1.0	<1.0	<1.0
Chrysene (Q)	218-01-9	1.6 (S)	ID	ID	1.6	ID		<1.0	<1.0	<1.0	<1.0
Dibenzo(a,h)anthracene (Q)	53-70-3	2.0 (M); 0.21	ID	NLV	2.49	ID		<2.0	<2.0	<2.0	<2.0
Fluoranthene	206-44-0	210 (S)	1.6	210 (S)	206	ID		<1.0	<1.0	<1.0	<1.0
Fluorene	86-73-7	880	12	2,000 (S)	1,980	ID		<5.0	<5.0	<5.0	<5.0
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	2.0 (M); 0.022 (S)	ID	NLV	0.022	ID		<2.0	<2.0	<2.0	<2.0
2-Methylnaphthalene	91-57-6	260	19	25,000 (S)	24,600	ID		<5.0	<5.0	<5.0	<5.0
Phenanthrene	85-01-8	52	2.0 (M); 1.7	1,000 (S)	1,000	ID		<2.0	<2.0	<2.0	<2.0
Pyrene	129-00-0	140 (S)	ID	140 (S)	135	ID		<5.0	<5.0	<5.0	<5.0
Toxaphene											
Toxaphene	8001-35-2	3.0 (A)	1.0 (M); 6.8E-5	NLV	740	ID		<1.0	<1.0	<1.0	<1.0
Volatiles											
Naphthalene	91-20-3	520	11	31,000 (S)	31,000	NA		<5.0	<5.0	<5.0	<5.0
1,2,4-Trichlorobenzene	120-82-1	70 (A)	99 (X)	3.0E+5 (S)	3.00E+5	NA		<5.0	<5.0	<5.0	<5.0

LOCATION C

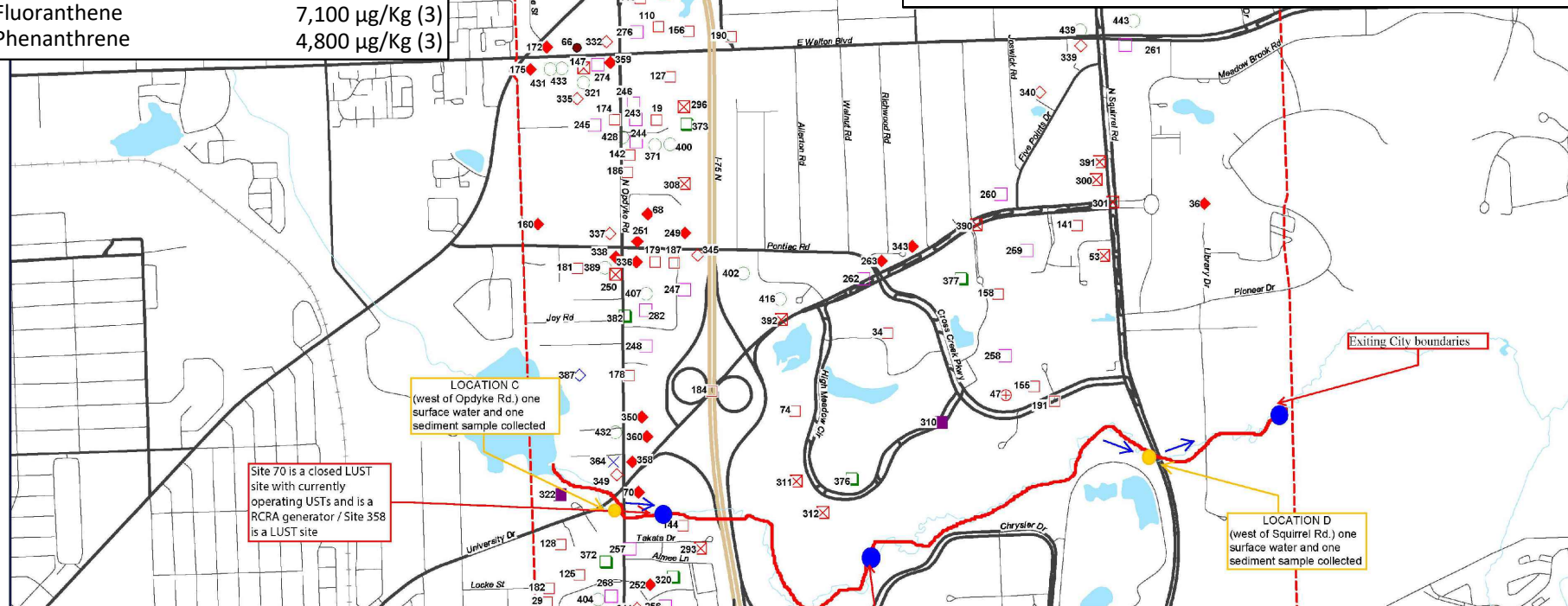
06/02/2022

Arsenic	7,900 µg/Kg (1,2,3,4)
Copper	41,000 µg/Kg (1)
Zinc	60,000 µg/Kg (1)
Fluoranthene	7,100 µg/Kg (3)
Phenanthrene	4,800 µg/Kg (3)

RADIUS MAP

CRITERIA NOTE

- (1) - Exceeds Statewide Default Background Levels
- (2) - Exceeds Drinking Water Protection Criteria
- (3) - Exceeds Groundwater Surface Water Interface Protection Criteria
- (4) - Exceeds Direct Contact Criteria



- Target Property (TP)
- RCRAGR05
- PART201
- BRS
- LUST
- SSTS
- WDS
- RCRANGR05
- RCRANGR05

- PART201
- BF
- RUST
- LUST
- FRSMI
- BEA
- IF
- WDS

- SEMSARCH
- ECHOR05
- BRS
- NMS
- FUDS
- MLTS
- ICIS
- RUST

- RAST
- BF
- FRSMI
- HMIRS05
- RCRAGR05
- ICEC
- CLEANERS
- BEA

- NPDES
- ERNSMI
- NPDES
- ERNSMI
- BFR
- MRDS
- ECHOR05
- ALTFUELS

- ICIS

DIRECTION OF WATER FLOW

SAMPLE LOCATIONS

Auburn Hills Michigan
Auburn Hills, Michigan
48326

Sites 311, 312, 293 are
BEA sites



0' 700' 1400' 2100'
SCALE: 1" = 1400'

GeoSearch

www.geo-search.com - phone: 866-396-0042 - fax: 512-472-9967

JOB #: 188674 - 8/9/2017

SAMPLE LOCATION MAP

NE CORNER OF LAPEER ROAD AND I-75 INTERCHANGE
AUBURN HILLS, MICHIGAN
PROJECT NUMBER: 13038F-3-20

DRAWN BY: MST

DATE: 06/30/2022

SCALE AS SHOWN

FIGURE 2

AKTPEERLESS

www.aktpeerless.com

Table 1 - Summary of Sediment Analytical Results
Galloway Creek
Auburn Hills, Michigan
AKT Peerless Project No. 13038F-3-20

		Residential																		
Parameters*	Chemical Abstract Service Number	Statewide Default Background Levels	Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Volatilization to Indoor Air Inhalation Criteria	Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Finite VSIC for 5 Meter Source Thickness	Finite VSIC for 2 Meter Source Thickness	Particulate Soil Inhalation Criteria	Direct Contact Criteria	Soil Saturation Concentration Screening Levels	Sample Location	Location A	Location B	Location C	Location D	Location A	Location B	Location C	Location D
												Collection Date	03/25/22	03/25/22	03/25/22	03/25/22	06/02/22	06/02/22	06/02/22	06/02/22
												Depth	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface
Metals		NA	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg			ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
Arsenic	7440-38-2	5,800	4,600	4,600	NLV	NLV	NLV	NLV	7.2E+5	7,600	NA		2,700	2,900	5,600	4,200	4,400	1,900	7,900	3,400
Barium (B)	7440-39-3	75,000	1.3E+6	(G)	NLV	NLV	NLV	NLV	3.3E+8	3.7E+7	NA		14,000	19,000	28,000	10,000	24,000	12,000	29,000	11,000
Cadmium (B)	7440-43-9	1,200	6,000	(G,X)	NLV	NLV	NLV	NLV	1.7E+6	5.5E+5	NA		51	100	230	<50	78	63	200	<50
Chromium III (B,H)	16065-83-1	18,000 (total)	1.0E+9 (D)	(G,X)	NLV	NLV	NLV	NLV	3.3E+8	7.9E+8	NA		5,800	8,700	23,000	5,900	10,000	16,000	36,000	4,700
Chromium VI	18540-29-9	NA	30,000	3,300	NLV	NLV	NLV	NLV	2.6E+5	2.5E+6	NA		<520	570	<510	<490	1,800	1,300	<500	<510
Copper (B)	7440-50-8	32,000	5.8E+6	(G)	NLV	NLV	NLV	NLV	1.3E+8	2.0E+7	NA		3,900	6,800	29,000	3,900	6,900	3,300	41,000	4,000
Lead (B)	7439-92-1	21,000	7.0E+5	(G,X)	NLV	NLV	NLV	NLV	1.0E+8	4.0E+5	NA		3,000	14,000	12,000	3,200	4,500	2,500	10,000	2,300
Zinc (B)	7440-66-6	47,000	2.4E+6	(G)	NLV	NLV	NLV	NLV	ID	1.7E+8	NA		18,000	35,000	57,000	19,000	28,000	20,000	60,000	16,000
Semivolatiles, PNAs																				
Fluoranthene	206-44-0	NA	7.3E+5	5,500	1.0E+9 (D)	7.4E+8	7.4E+8	7.4E+8	9.3E+9	4.6E+7	NA		<330	<450	470	<330	<330	<450	7,100	<330
Phenanthrene	85-01-8	NA	56,000	2,100	2.8E+6	1.6E+5	1.6E+5	1.6E+5	6.7E+6	1.6E+6	NA		<330	<450	<430	<330	<330	<450	4,800	<330

Table 2: Summary of Surface Water Analytical Results
Galloway Creek
Auburn Hills, Michigan
AKT Peerless Project No. 13038F-3-20

Residential															
Parameters	Chemical Abstract Service Number	Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Groundwater Volatilization to Indoor Air Inhalation Criteria	Water Solubility	Flammability and Explosivity Screening Level	Sample Location	Location A	Location B	Location C	Location D	Location A	Location B	Location C	Location D
(Refer to detailed laboratory report for method reference data)							Collection Date	03/25/22	03/25/22	03/25/22	03/25/22	06/02/22	06/02/22	06/02/22	06/02/22
							Screen Depth	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface
Metals															
Arsenic	7440-38-2	10 (A)	10	NLV	NA	ID		<5.0	<5.0	<5.0	<5.0	<0.0050	<0.0050	<0.0050	<0.0050
Barium (B)	7440-39-3	2,000 (A)	(G)	NLV	NA	ID		<100	<100	<100	<100	<0.10	<0.10	<0.10	<0.10
Cadmium (B)	7440-43-9	5.0 (A)	(G,X)	NLV	NA	ID		<1.0	<1.0	<1.0	<1.0	<0.0010	<0.0010	<0.0010	<0.0010
Chromium, Total	7440-47-3	100 (A)	11	NLV	NA	ID		<10	<10	<10	<10	<0.010	<0.010	<0.010	<0.010
Chromium VI	18540-29-9	100 (A)	11	NLV	NA	ID		<5.0	<5.0	<5.0	<5.0	<0.0050	<0.0050	<0.0050	<0.0050
Copper (B)	7440-50-8	1,000 (E)	(G)	NLV	NA	ID		<4.0	<4.0	<4.0	<4.0	<0.0040	<0.0040	<0.0040	<0.0040
Lead (B)	7439-92-1	4.0 (L)	(G,X)	NLV	NA	ID		<3.0	<3.0	<3.0	<3.0	<0.0030	<0.0030	<0.0030	<0.0030
Mercury, Total	7439-97-6	2.0 (A)	0.0013	56 (S)	56	ID		<0.20	<0.20	<0.20	<0.20	<0.00020	<0.00020	<0.00020	<0.00020
Selenium (B)	7782-49-2	50 (A)	5.0	NLV	NA	ID		<5.0	<5.0	<5.0	<5.0	<0.0050	<0.0050	<0.0050	<0.0050
Silver (B)	7440-22-4	34	0.2 (M); 0.06	NLV	NA	ID		<0.20	<0.20	<0.20	<0.20	<0.00020	<0.00020	<0.00020	<0.00020
Zinc (B)	7440-66-6	2,400	(G)	NLV	NA	ID		<50	<50	<50	<50	0.054	<0.050	<0.050	0.059

- (A) Criterion is the state of Michigan drinking water standard established pursuant to Section 5 of 1976 PA 399, MCL 325.1005.
- (B) Background, as defined in R 299.1(b), may be substituted if higher than the calculated cleanup criterion. Background levels may be less than criteria for some inorganic compounds.
- (C) The criterion developed under R 299.20 to R 299.26 exceeds the chemical-specific soil saturation screening level (C_{sat}). The person proposing or implementing response activity shall document whether additional response activity is required to control free-phase liquids or NAPL to protect against risks associated with free-phase liquids by using methods appropriate for the free-phase liquids present. Development of a site-specific C_{sat} or methods presented in R 299.22, R 299.24(5), and R 299.26(8) may be conducted for the relevant exposure pathways.
- (D) Calculated criterion exceeds 100 percent, hence it is reduced to 100 percent or 1.0E+9 parts per billion (ppb).
- (E) Criterion is the aesthetic drinking water value, as required by Section 20120a(5) of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA). A notice of aesthetic impact may be employed as an institutional control mechanism if groundwater concentrations exceed the aesthetic drinking water criterion, but do not exceed the applicable health-based drinking water value [as provided in the table in Footnote (E) in R 299.49].
- (F) Criterion is based on adverse impacts to plant life and phytotoxicity.
- (G) Groundwater surface water interface (GSI) criterion depends on the pH or water hardness, or both, of the receiving surface water. The final chronic value (FCV) for the protection of aquatic life shall be calculated based on the pH or hardness of the receiving surface water. Where water hardness exceeds 400 mg CaCO_3/L , use 400 mg CaCO_3/L for the FCV calculation. The FCV formula provides values in units of ug/L or ppb. The generic GSI criterion is the lesser of the calculated FCV, the wildlife value (WV), and the surface water human non-drinking water value (HNDV). The soil GSI protection criteria for these hazardous substances are the greater of 20 times the GSI criterion or the GSI soil-water partition values using the GSI criteria developed with the procedure described in this footnote. [See table in Footnote (G) in R 299.49].
- (H) Valence-specific chromium data (Cr III and Cr VI) shall be compared to the corresponding valence-specific cleanup criteria. If both Cr III and Cr VI are present in groundwater, the total concentration of both cannot exceed the drinking water criterion of 100 ug/L. If analytical data are provided for total chromium only, they shall be compared to the cleanup criteria for Cr VI. Cr III soil cleanup criterion for protection of drinking water can only be used at sites where groundwater is prevented from being used as a public water supply, currently and in the future, through an approved land or resource use restriction.
- (I) Hazardous substance may exhibit the characteristic of ignitability as defined in 40 C.F.R. §261.21 (revised as of July 1, 2001), which is adopted by reference in these rules.
- (J) Hazardous substance may be present in several isomer forms. Isomer-specific concentrations shall be added together for comparison to criteria.
- (K) Hazardous substance may be flammable or explosive, or both.
- (L) Criteria for lead are derived using a biologically based model, as allowed for under Section 20120a(9) of the NREPA, and are not calculated using the algorithms and assumptions specified in pathway-specific rules. The generic residential drinking water criterion of 4 ug/L is linked to the generic residential soil direct contact criterion of 400 mg/kg. A higher concentration in the drinking water, up to the state action level of 15 ug/L, may be allowed as a site-specific remedy and still allow for drinking water use, under Section 20120a(2) of the NREPA if soil concentrations are appropriately lower than 400 mg/kg. If a site-specific criterion is approved based on this subdivision, a notice shall be filed on the deed for all property where the groundwater concentrations will exceed 4 ug/L to provide notice of the potential for unacceptable risk if soil or groundwater concentrations increase. Acceptable concentrations of site-specific soil and drinking water concentrations are presented in the [table in Footnote (L) in R 299.49].
- (M) Calculated criterion is below the analytical target detection limit, therefore, the criterion defaults to the target detection limit.
- (N) The concentrations of all potential sources of nitrate-nitrogen (e.g., ammonia-N, nitrite-N, nitrate-N) in groundwater that is used as a source of drinking water shall not, when added together, exceed the nitrate drinking water criterion of 10,000 ug/L. Where leaching to groundwater is a relevant pathway, soil concentrations of all potential sources of nitrate-nitrogen shall not, when added together, exceed the nitrate drinking water protection criterion of 2.0E+5 ug/kg.
- (O) The concentration of all polychlorinated and polybrominated dibenzodioxin and dibenzofuran isomers present at a facility, expressed as an equivalent concentration of 2,3,7,8-tetrachlorodibenzo-p-dioxin based upon their relative potency, shall be added together and compared to the criteria for 2,3,7,8-tetrachlorodibenzo-p-dioxin. The generic cleanup criteria for 2,3,7,8-tetrachlorodibenzo-p-dioxin are not calculated according to the algorithms presented in R 299.14 to R 299.26. The generic cleanup criteria are being held at the values that the DEQ has used since August 1998, in recognition of the fact that national efforts to reassess risks posed by dioxin are not yet complete. Until these studies are complete, it is premature to select a revised slope factor and/or reference dose for calculation of generic cleanup criteria.
- (P) Amenable cyanide methods or method OIA-1677 shall be used to quantify cyanide concentrations for compliance with all groundwater criteria. Total cyanide methods or method OIA-1677 shall be used to quantify cyanide concentrations for compliance with soil criteria. Nonresidential direct contact criteria may not be protective of the potential for release of hydrogen cyanide gas. Additional land or resource use restrictions may be necessary to protect for the acute inhalation concerns associated with hydrogen cyanide gas.
- (Q) Criteria for carcinogenic polycyclic aromatic hydrocarbons were developed using relative potential potencies to benzo(a)pyrene.
- (R) Hazardous substance may exhibit the characteristic of reactivity as defined in 40 C.F.R. §261.23 (revised as of July 1, 2001), which is adopted by reference in these rules.
- (S) Criterion defaults to the hazardous substance-specific water solubility limit.
- (T) Refer to the federal Toxic Substances Control Act (TSCA), 40 C.F.R. §761, subpart D and 40 C.F.R. §761, Subpart G, to determine the applicability of TSCA cleanup standards. Subpart D and subpart G of 40 C.F.R. §761 (July 1, 2001) are adopted by reference in these rules. Alternatives to compliance with the TSCA standards listed below are possible under 40 C.F.R. §761 Subpart D. New releases may be subject to the standards identified in 40 C.F.R. §761, Subpart G. Use Part 201 soil direct contact cleanup criteria in the following table if TSCA standards are not applicable. [See table in Footnote (T) in R 299.49].
- (U) Hazardous substance may exhibit the characteristic of corrosivity as defined in 40 C.F.R. §261.22 (revised as of July 1, 2001), which is adopted by reference in these rules.
- (V) Criterion is the aesthetic drinking water value as required by Section 20120a(5) of the NREPA. Concentrations up to 200 ug/L may be acceptable, and still allow for drinking water use, as part of a site-specific cleanup under Section 20120a(2) and 20120b of the NREPA.
- (W) Concentrations of trihalomethanes in groundwater shall be added together to determine compliance with the Michigan drinking water standard of 80 ug/L. Concentrations of trihalomethanes in soil shall be added together to determine compliance with the drinking water protection criterion of 1,600 ug/kg.
- (X) The GSI criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source. For a groundwater discharge to the Great Lakes and their connecting waters or discharge in close proximity to a water supply intake in inland surface waters, the generic GSI criterion shall be the surface water human drinking water value (HDV) listed in the [table in Footnote (X) in R 299.49], except for those HDV indicated with an asterisk. For HDV with an asterisk, the generic GSI criterion shall be the lowest of the HDV, the WV, and the calculated FCV. See formulas in [the table in Footnote (G) in R 299.49]. Soil protection criteria based on the HDV shall be as listed in the [table in Footnote (X) in R 299.49], except for those values with an asterisk. Soil GSI protection criteria based on the HDV shall be as listed in the [table in Footnote (X) in R 299.49], except for those values with an asterisk. Soil GSI protection criteria for compounds with an asterisk shall be the greater of 20 times the GSI criterion or the GSI soil-water partition values using the GSI criteria developed with the procedure described in this footnote.
- (Y) Source size modifiers shown in the [table in Footnote (Y) in R 299.49] shall be used to determine soil inhalation criteria for ambient air when the source size is not one-half acre. The modifier shall be multiplied by the generic soil inhalation criterion shown in the table of generic cleanup criteria to determine the applicable criterion. See Footnote (C) [in R 299.49].
- (Z) Mercury is typically measured as total mercury. The generic cleanup criteria, however, are based on data for different species of mercury. Specifically, data for elemental mercury, chemical abstract service (CAS) number 7439976, serve as the basis for the soil volatilization to indoor air criteria, groundwater volatilization to indoor air, and soil inhalation criteria. Data for methyl mercury, CAS number 22967926, serve as the basis for the GSI criterion; and data for mercuric chloride, CAS number 7487947, serve as the basis for the drinking water, groundwater contact, soil direct contact, and the groundwater protection criteria. Comparison to criteria shall be based on species-specific analytical data only if sufficient facility characterization has been conducted to rule out the presence of other species of mercury.
- (AA) Use 10,000 ug/L where groundwater enters a structure through the use of a water well, sump or other device. Use 28,000 ug/L for all other uses.
- (BB) The state drinking water standard for asbestos (fibers greater than 10 micrometers in length) is in units of a million fibers per liter of water (MFL). Soil concentrations of asbestos are determined by polarized light microscopy.
- (CC) Groundwater: The generic GSI criteria are based on the toxicity of unionized ammonia (NH_3); the criteria are 29 ug/L and 53 ug/L for cold water and warm water surface water, respectively. As a result, the GSI criterion shall be compared to the percent of the total ammonia concentration in the groundwater that will become NH_3 in the surface water. This percent NH_3 is a function of the pH and temperature of the receiving surface water and can be estimated using the [table in Footnote (CC) in R 299.49], taken from Emerson, et al., (Journal of the Fisheries Research Board of Canada, Volume 32(12):2382, 1975). The generic approach for estimating NH_3 assumes a default pH of 8 and default temperatures of 68 °F and 85 °F for cold water and warm water surface water, respectively. The resulting NH_3 is 3.8 percent and 7.2 percent for cold water and warm water, respectively. This default percentage shall be multiplied by the total ammonia-nitrogen ($\text{NH}_3\text{-N}$) concentration in the groundwater and the resulting NH_3 concentration compared to the applicable GSI criterion. As an alternative, the maximum pH and temperature data from the specific receiving surface water can be used to estimate, from the [table in Footnote (CC) in R 299.49], a lower percent unionized ammonia concentration for comparison to the generic GSI.
- Soil: The generic soil GSI protection criteria for unionized ammonia are 580 ug/kg and 1,100 ug/kg for cold water and warm water surface water, respectively.
- (DD) Hazardous substance causes developmental effects. Residential direct contact criteria are protective of both prenatal and postnatal exposure. Nonresidential direct contact criteria are protective for a pregnant adult receptor.
- (EE) The [values listed in the table in Footnote (EE) in 299.49] are applicable generic GSI criteria as required by Section 20120e of the NREPA.
- (FF) The chloride GSI criterion shall be 125 mg/L when the discharge is to surface waters of the state designated as public water supply sources or 50 mg/L when the discharge is to the Great Lakes or connecting waters. Chloride GSI criteria shall not apply for surface waters of the state that are not designated as a public water supply source, however, the total dissolved solids criterion is applicable.
- (GG) Risk-based criteria are not available for methane due to insufficient toxicity data. An acceptable soil gas concentration (presented for both residential and nonresidential land uses) was derived utilizing 25 percent of the lower explosive level for methane. This equates to 1.25 percent or 8.4E+6 ug/m³.
- (HH) The residential criterion for sodium is 230,000 ug/L in accordance with the Sodium Advisory Council recommendation and revised Groundwater Discharge Standards.
- ID Insufficient data to develop criterion.
- NA A criterion or value is not available or, in the case of background and CAS numbers, not applicable.
- NLL Hazardous substance is not likely to leach under most soil conditions.
- NLV Hazardous substance is not likely to volatilize under most conditions.
- ug/kg Micrograms per kilogram
- ug/L Micrograms per liter
- NS Not sampled
- BDL Below Laboratory Method Detection Limits
- BOLD** Exceeds highlighted criteria.



Thursday, June 16, 2022

Fibertec Project Number: A08843
Project Identification: Galloway Creek (13038f-3-20) /13038f-3-20
Submittal Date: 06/02/2022

Mr. Brian Westhoff
AKT Peerless Environ. Svcs, Inc. - Farm. Hills
22725 Orchard Lake Road
Farmington Hills, MI 48336

Dear Mr. Westhoff,

Thank you for selecting Fibertec Environmental Services as your analytical laboratory. The samples you submitted have been analyzed in accordance with NELAC standards and the results compiled in the attached report. Any exceptions to NELAC compliance are noted in the report. These results apply only to those samples submitted. Please note TO-15 samples will be disposed of 7 calendar days after the reporting date. All other samples will be disposed of 30 days after the reporting date.

If you have any questions regarding these results or if we may be of further assistance to you, please contact me at (517) 699-0345.

Sincerely,

A handwritten signature in black ink, appearing to read "Sue Ricketts".

By Sue Ricketts at 1:19 PM, Jun 16, 2022

For Daryl P. Strandbergh
Laboratory Director

Enclosures

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location A	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Surface Water	Collect Time:	10:45

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Michigan 10 Elements by ICP/MS, Dissolved Aliquot ID: **A08843-001C** Matrix: **Surface Water**
Method: EPA 0200.8 (Dissolved)/EPA 0200.8 Description: **Location A**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Arsenic	U		mg/L	0.0050	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
2. Barium	U		mg/L	0.10	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
3. Cadmium	U		mg/L	0.0010	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
4. Chromium	U		mg/L	0.010	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
5. Copper	U		mg/L	0.0040	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
6. Lead	U		mg/L	0.0030	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
7. Selenium	U		mg/L	0.0050	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
8. Silver	U		mg/L	0.00020	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
9. Zinc	0.054		mg/L	0.050	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA

Mercury by CVAAS, Dissolved Aliquot ID: **A08843-001C** Matrix: **Surface Water**
Method: EPA 0245.1 Description: **Location A**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Mercury	U		mg/L	0.00020	1.0	06/07/22	PM22F07B	06/07/22	M722F07A	JLH

Polychlorinated Biphenyls (PCBs) Aliquot ID: **A08843-001** Matrix: **Surface Water**
Method: EPA 0608.3 Description: **Location A**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Aroclor-1016	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 17:49	SF22F09A	TKT
2. Aroclor-1221	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 17:49	SF22F09A	TKT
3. Aroclor-1232	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 17:49	SF22F09A	TKT
4. Aroclor-1242	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 17:49	SF22F09A	TKT
5. Aroclor-1248	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 17:49	SF22F09A	TKT
6. Aroclor-1254	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 17:49	SF22F09A	TKT
7. Aroclor-1260	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 17:49	SF22F09A	TKT
‡ 8. Aroclor-1262	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 17:49	SF22F09A	TKT
‡ 9. Aroclor-1268	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 17:49	SF22F09A	TKT

Organochlorine Pesticides Aliquot ID: **A08843-001** Matrix: **Surface Water**
Method: EPA 0608.3 Description: **Location A**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Aldrin	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 17:30	SO22F08B	BDA

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Analytical Laboratory Report
Laboratory Project Number: A08843
Laboratory Sample Number: A08843-001

Order: A08843
Date: 06/16/22

Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location A	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Surface Water	Collect Time:	10:45

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Organochlorine Pesticides
Method: EPA 0608.3

Aliquot ID: A08843-001
Description: Location A
Matrix: Surface Water

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
2. alpha-BHC	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 17:30	SO22F08B	BDA
3. beta-BHC	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 17:30	SO22F08B	BDA
4. delta-BHC	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 17:30	SO22F08B	BDA
5. gamma-BHC	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 17:30	SO22F08B	BDA
6. Chlordane	U		mg/L	0.0000500	1.0	06/03/22	PS22F03O	06/03/22 19:18	SO22F03A	BDA
7. 4,4'-DDD	U		mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 17:30	SO22F08B	BDA
8. 4,4'-DDE	U		mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 17:30	SO22F08B	BDA
9. 4,4'-DDT	U	V+	mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 17:30	SO22F08B	BDA
10. Dieldrin	U		mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 17:30	SO22F08B	BDA
11. Endosulfan I	U		mg/L	0.0000500	1.0	06/03/22	PS22F03O	06/08/22 17:30	SO22F08B	BDA
12. Endosulfan II	U		mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 17:30	SO22F08B	BDA
13. Endosulfan Sulfate	U		mg/L	0.0000500	1.0	06/03/22	PS22F03O	06/08/22 17:30	SO22F08B	BDA
14. Endrin	U		mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 17:30	SO22F08B	BDA
15. Endrin Aldehyde	U		mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 17:30	SO22F08B	BDA
16. Heptachlor	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 17:30	SO22F08B	BDA
17. Heptachlor Epoxide	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 17:30	SO22F08B	BDA
18. Methoxychlor	U		mg/L	0.0000500	1.0	06/03/22	PS22F03O	06/08/22 17:30	SO22F08B	BDA
19. Toxaphene	U		mg/L	0.00100	1.0	06/03/22	PS22F03O	06/03/22 19:18	SO22F03A	BDA

Organochlorine Herbicides
Method: EPA 0615

Aliquot ID: A08843-001
Description: Location A
Matrix: Surface Water

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
‡ 1. 2,4-D	U		µg/L	10	5.0	06/09/22	PS22F09I	06/15/22 13:50	SC22F15A	TKT
‡ 2. Dalapon	U		µg/L	10	5.0	06/09/22	PS22F09I	06/15/22 13:50	SC22F15A	TKT
‡ 3. 2,4-DB	U		µg/L	10	5.0	06/09/22	PS22F09I	06/15/22 13:50	SC22F15A	TKT
‡ 4. Dicamba	U		µg/L	1.0	5.0	06/09/22	PS22F09I	06/15/22 13:50	SC22F15A	TKT
‡ 5. Dichlorprop	U		µg/L	10	5.0	06/09/22	PS22F09I	06/15/22 13:50	SC22F15A	TKT
‡ 6. Dinoseb	U	V+	µg/L	5.0	5.0	06/09/22	PS22F09I	06/15/22 13:50	SC22F15A	TKT
‡ 7. 2,4,5-T	U		µg/L	1.0	5.0	06/09/22	PS22F09I	06/15/22 13:50	SC22F15A	TKT
‡ 8. 2,4,5-TP	U		µg/L	1.0	5.0	06/09/22	PS22F09I	06/15/22 13:50	SC22F15A	TKT

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Analytical Laboratory Report
Laboratory Project Number: A08843
Laboratory Sample Number: A08843-001

Order: A08843
Date: 06/16/22

Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location A	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Surface Water	Collect Time:	10:45

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS
Method: EPA 0624.1

Aliquot ID: A08843-001B
Description: Location A
Matrix: Surface Water

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
1. Acetone	U	L-	mg/L	0.0500	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
2. Acrylonitrile	U		mg/L	0.00200	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
3. Benzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
‡ 4. Bromobenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
‡ 5. Bromochloromethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
6. Bromodichloromethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
7. Bromoform	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
8. Bromomethane	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
9. 2-Butanone	U	V+	mg/L	0.0250	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
‡ 10. n-Butylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
‡ 11. sec-Butylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
‡ 12. tert-Butylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
‡ 13. Carbon Disulfide	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
14. Carbon Tetrachloride	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
15. Chlorobenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
16. Chloroethane	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
17. Chloroform	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
18. Chloromethane	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
‡ 19. 2-Chlorotoluene	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
‡ 20. 1,2-Dibromo-3-chloropropane (SIM)	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
21. Dibromochloromethane	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
‡ 22. Dibromomethane	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
23. 1,2-Dichlorobenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
24. 1,3-Dichlorobenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
25. 1,4-Dichlorobenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
‡ 26. Dichlorodifluoromethane	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
27. 1,1-Dichloroethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
28. 1,2-Dichloroethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
29. 1,1-Dichloroethene	U	V+	mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
30. cis-1,2-Dichloroethene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
31. trans-1,2-Dichloroethene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
32. 1,2-Dichloropropane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
33. cis-1,3-Dichloropropene	U		mg/L	0.000500	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
34. trans-1,3-Dichloropropene	U		mg/L	0.000500	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
35. Ethylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
36. Ethylene Dibromide	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
‡ 37. 2-Hexanone	U		mg/L	0.0500	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location A	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Surface Water	Collect Time:	10:45

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS
Method: EPA 0624.1

Aliquot ID: A08843-001B **Matrix: Surface Water**
Description: Location A

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
‡ 38. Isopropylbenzene	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
‡ 39. 4-Methyl-2-pentanone	U		mg/L	0.0500	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
40. Methylene Chloride	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
‡ 41. 2-Methylnaphthalene	U	L-*	mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
42. MTBE	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
43. Naphthalene	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
‡ 44. n-Propylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
‡ 45. Styrene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
‡ 46. 1,1,1,2-Tetrachloroethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
47. 1,1,2,2-Tetrachloroethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
48. Tetrachloroethene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
49. Toluene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
‡ 50. 1,2,4-Trichlorobenzene	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
51. 1,1,1-Trichloroethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
52. 1,1,2-Trichloroethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
53. Trichloroethene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
54. Trichlorofluoromethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
‡ 55. 1,2,3-Trichloropropane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
‡ 56. 1,2,3-Trimethylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
‡ 57. 1,2,4-Trimethylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
‡ 58. 1,3,5-Trimethylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
59. Vinyl Chloride	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
60. m&p-Xylene	U		mg/L	0.00200	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
61. o-Xylene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM
62. Xylenes	U		mg/L	0.00300	1.0	06/13/22	VI22F13A	06/13/22 14:24	VI22F13A	KCM

Base/Neutral/Acid Semivolatiles by GC/MS
Method: EPA 0625.1

Aliquot ID: A08843-001 **Matrix: Surface Water**
Description: Location A

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Acenaphthene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
2. Acenaphthylene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
‡ 3. Aniline	U	V-	µg/L	4.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
4. Anthracene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
‡ 5. Azobenzene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location A	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Surface Water	Collect Time:	10:45

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Base/Neutral/Acid Semivolatiles by GC/MS
Method: EPA 0625.1

Aliquot ID: A08843-001
Description: Location A
Matrix: Surface Water

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
6. Benzo(a)anthracene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
7. Benzo(a)pyrene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
8. Benzo(b)fluoranthene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
9. Benzo(ghi)perylene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
10. Benzo(k)fluoranthene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
‡ 11. Benzyl Alcohol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
12. Bis(2-chloroethoxy)methane	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
13. Bis(2-chloroethyl)ether	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
14. Bis(2-ethylhexyl)phthalate	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
15. 4-Bromophenyl Phenylether	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
16. Butyl Benzyl Phthalate	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
17. Di-n-butyl Phthalate	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
‡ 18. Carbazole	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
19. 4-Chloro-3-methylphenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
20. 2-Chloronaphthalene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
21. 2-Chlorophenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
22. 4-Chlorophenyl Phenylether	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
23. Chrysene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
24. Dibenzo(a,h)anthracene	U		µg/L	2.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
‡ 25. Dibenzofuran	U		µg/L	4.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
26. 2,4-Dichlorophenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
27. Diethyl Phthalate	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
28. 2,4-Dimethylphenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
29. Dimethyl Phthalate	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
30. 2,4-Dinitrophenol	U	*	µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
‡ 31. 2,4-Dinitrotoluene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
‡ 32. 2,6-Dinitrotoluene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
33. Fluoranthene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
34. Fluorene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
35. Hexachlorobenzene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
36. Hexachlorobutadiene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
37. Hexachlorocyclopentadiene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
38. Hexachloroethane	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
39. Indeno(1,2,3-cd)pyrene	U		µg/L	2.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
‡ 40. Isophorone	U	L+	µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
41. 2-Methyl-4,6-dinitrophenol	U	L+	µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
‡ 42. 2-Methylnaphthalene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location A	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Surface Water	Collect Time:	10:45

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Base/Neutral/Acid Semivolatiles by GC/MS
Method: EPA 0625.1

Aliquot ID: A08843-001
Description: Location A
Matrix: Surface Water

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
43. 2-Methylphenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
‡ 44. 3&4-Methylphenol	U		µg/L	10	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
45. Naphthalene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
‡ 46. 2-Nitroaniline	U		µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
‡ 47. 3-Nitroaniline	U		µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
‡ 48. 4-Nitroaniline	U		µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
49. Nitrobenzene	U		µg/L	3.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
50. 2-Nitrophenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
51. 4-Nitrophenol	U		µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
52. N-Nitrosodimethylamine	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
53. N-Nitrosodi-n-propylamine	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
54. N-Nitrosodiphenylamine	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
55. Di-n-octyl Phthalate	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
56. 2,2'-Oxybis(1-chloropropane)	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
57. Pentachlorophenol	U		µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
58. Phenanthrene	U		µg/L	2.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
59. Phenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
60. Pyrene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
61. Pyridine	U	*	µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
62. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
63. 2,4,5-Trichlorophenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD
64. 2,4,6-Trichlorophenol	U		µg/L	4.0	1.0	06/06/22	PS22F06F	06/06/22 16:08	PS22F06A	SJD

Chromium, Hexavalent, Dissolved
Method: SM 3500-Cr B-2011

Aliquot ID: A08843-001A
Description: Location A
Matrix: Surface Water

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Chromium VI	U		mg/L	0.0050	1.0	NA	NA	06/02/22 16:42	2022 4:42:00	MJS

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location A	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	10:56
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Water (Moisture) Content Dried at 105 ± 5°C						Aliquot ID: A08843-002		Matrix: Soil/Solid			
Method: ASTM D2216-10						Description: Location A					
						Preparation		Analysis			
Parameter(s)		Result	Q	Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. Percent Moisture (Water Content)		24		%	1	1.0	06/03/22	MC220603	06/06/22	MC220603	LJK

Michigan 10 Elements by ICP/MS					Aliquot ID: A08843-002		Matrix: Soil/Solid			
Method: EPA 0200.2/EPA 6020A					Description: Location A					
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
1. Arsenic	4400		µg/kg	100	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
2. Barium	24000		µg/kg	1000	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
3. Cadmium	78		µg/kg	50	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
4. Chromium	10000		µg/kg	500	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
5. Copper	6900		µg/kg	1000	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
6. Lead	4500		µg/kg	1000	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
7. Selenium	U		µg/kg	200	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
8. Silver	U		µg/kg	100	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
9. Zinc	28000		µg/kg	1000	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA

Chromium, Hexavalent						Aliquot ID: A08843-002	Matrix: Soil/Solid			
Method: EPA 3060A/EPA 7196A						Description: Location A				
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Chromium VI	1800		µg/kg	520	1.0	06/06/22	W322F06A	06/07/22	W322F06A	JLS

Mercury by CVAAS						Aliquot ID: A08843-002	Matrix: Soil/Solid			
Method: EPA 7471B						Description: Location A				
						Preparation		Analysis		
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.
1. Mercury	U		µg/kg	50	10	06/07/22	PM22F07D	06/08/22	M722F08A	JLH

Organochlorine Pesticides					Aliquot ID: A08843-002	Matrix: Soil/Solid				
Method: EPA 3546/EPA 8081B					Description: Location A					
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
1. Aldrin	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:27	SO22F08B	TKT
2. alpha-BHC	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:27	SO22F08B	TKT

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Analytical Laboratory Report
Laboratory Project Number: A08843
Laboratory Sample Number: A08843-002

Order: A08843
Date: 06/16/22

Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location A	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	10:56
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Organochlorine Pesticides
Method: EPA 3546/EPA 8081B

Aliquot ID: A08843-002 **Matrix: Soil/Solid**
Description: Location A

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
3. beta-BHC	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:27	SO22F08B	TKT
4. delta-BHC	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:27	SO22F08B	TKT
5. gamma-BHC	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:27	SO22F08B	TKT
6. Chlordane	U		µg/kg	25	5.0	06/08/22	PS22F08B	06/08/22 20:27	SO22F08B	TKT
7. 4,4'-DDD	U	L+	µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:27	SO22F08B	TKT
8. 4,4'-DDE	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:27	SO22F08B	TKT
9. 4,4'-DDT	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:27	SO22F08B	TKT
10. Dieldrin	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:27	SO22F08B	TKT
11. Endosulfan I	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:27	SO22F08B	TKT
12. Endosulfan II	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:27	SO22F08B	TKT
13. Endosulfan Sulfate	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:27	SO22F08B	TKT
14. Endrin	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:27	SO22F08B	TKT
15. Endrin Aldehyde	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:27	SO22F08B	TKT
16. Heptachlor	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:27	SO22F08B	TKT
17. Heptachlor Epoxide	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:27	SO22F08B	TKT
18. Methoxychlor	U		µg/kg	50	5.0	06/08/22	PS22F08B	06/08/22 20:27	SO22F08B	TKT
19. Toxaphene	U		µg/kg	170	5.0	06/08/22	PS22F08B	06/08/22 20:27	SO22F08B	TKT

Polychlorinated Biphenyls (PCBs)
Method: EPA 3546/EPA 8082A

Aliquot ID: A08843-002 **Matrix: Soil/Solid**
Description: Location A

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Aroclor-1016	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 17:30	SF22F08B	TKT
2. Aroclor-1221	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 17:30	SF22F08B	TKT
3. Aroclor-1232	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 17:30	SF22F08B	TKT
4. Aroclor-1242	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 17:30	SF22F08B	TKT
5. Aroclor-1248	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 17:30	SF22F08B	TKT
6. Aroclor-1254	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 17:30	SF22F08B	TKT
7. Aroclor-1260	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 17:30	SF22F08B	TKT
‡ 8. Aroclor-1262	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 17:30	SF22F08B	TKT
‡ 9. Aroclor-1268	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 17:30	SF22F08B	TKT

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location A	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	10:56
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Organochlorine Herbicides
Method: EPA 8151A

Aliquot ID: A08843-002 **Matrix: Soil/Solid**
Description: Location A

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. 2,4-D	U		µg/kg	200	10	06/09/22	PS22F08G	06/14/22 02:55	SC22F13A	TKT
‡ 2. Dalapon	U		µg/kg	100	10	06/09/22	PS22F08G	06/14/22 02:55	SC22F13A	TKT
‡ 3. 2,4-DB	U		µg/kg	200	10	06/09/22	PS22F08G	06/14/22 02:55	SC22F13A	TKT
‡ 4. Dicamba	U		µg/kg	100	10	06/09/22	PS22F08G	06/14/22 02:55	SC22F13A	TKT
‡ 5. Dichlorprop	U		µg/kg	200	10	06/09/22	PS22F08G	06/14/22 02:55	SC22F13A	TKT
‡ 6. Dinoseb	U	L-	µg/kg	100	10	06/09/22	PS22F08G	06/14/22 02:55	SC22F13A	TKT
‡ 7. 2,4,5-T	U		µg/kg	200	10	06/09/22	PS22F08G	06/14/22 02:55	SC22F13A	TKT
‡ 8. 2,4,5-TP	U		µg/kg	200	10	06/09/22	PS22F08G	06/14/22 02:55	SC22F13A	TKT

Volatile Organic Compounds (VOCs) by GC/MS, 5035
Method: EPA 5035A/EPA 8260D

Aliquot ID: A08843-002A **Matrix: Soil/Solid**
Description: Location A

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
1. Acetone	U	V+	µg/kg	1000	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
‡ 2. Acrylonitrile	U		µg/kg	160	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
3. Benzene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
4. Bromobenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
5. Bromochloromethane	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
6. Bromodichloromethane	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
7. Bromoform	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
8. Bromomethane	U		µg/kg	200	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
9. 2-Butanone	U	V+ L+	µg/kg	750	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
10. n-Butylbenzene	U		µg/kg	80	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
11. sec-Butylbenzene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
12. tert-Butylbenzene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
13. Carbon Disulfide	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
14. Carbon Tetrachloride	U		µg/kg	80	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
15. Chlorobenzene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
16. Chloroethane	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
17. Chloroform	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
18. Chloromethane	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
19. 2-Chlorotoluene	U		µg/kg	80	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
‡ 20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
21. Dibromochloromethane	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
22. Dibromomethane	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM

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Analytical Laboratory Report
Laboratory Project Number: A08843
Laboratory Sample Number: A08843-002

Order: A08843
Date: 06/16/22

Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location A	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	10:56
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Volatile Organic Compounds (VOCs) by GC/MS, 5035
Method: EPA 5035A/EPA 8260D

Aliquot ID: A08843-002A **Matrix: Soil/Solid**
Description: Location A

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
26. Dichlorodifluoromethane	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
27. 1,1-Dichloroethane	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
28. 1,2-Dichloroethane	U		µg/kg	80	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
29. 1,1-Dichloroethene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
32. 1,2-Dichloropropane	U		µg/kg	80	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
33. cis-1,3-Dichloropropene	U		µg/kg	80	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
34. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
35. Ethylbenzene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
36. Ethylene Dibromide	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
37. 2-Hexanone	U	V+ L+	µg/kg	2500	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
38. Isopropylbenzene	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
39. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
40. Methylene Chloride	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
‡ 41. 2-Methylnaphthalene	U		µg/kg	330	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
42. MTBE	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
43. Naphthalene	U		µg/kg	330	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
44. n-Propylbenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
45. Styrene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
46. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
47. 1,1,2,2-Tetrachloroethane	U		µg/kg	80	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
48. Tetrachloroethene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
49. Toluene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
50. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
51. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
52. 1,1,2-Trichloroethane	U		µg/kg	80	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
53. Trichloroethene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
54. Trichlorofluoromethane	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
55. 1,2,3-Trichloropropane	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
‡ 56. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
57. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
58. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM

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Analytical Laboratory Report
Laboratory Project Number: A08843
Laboratory Sample Number: A08843-002

Order: A08843
Date: 06/16/22

Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location A	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	10:56
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Volatile Organic Compounds (VOCs) by GC/MS, 5035
Method: EPA 5035A/EPA 8260D

Aliquot ID: A08843-002A **Matrix: Soil/Solid**
Description: Location A

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
59. Vinyl Chloride	U		µg/kg	40	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
60. m&p-Xylene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
61. o-Xylene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM
‡ 62. Xylenes	U		µg/kg	150	1.0	06/03/22	VP22F03A	06/03/22 17:45	VP22F03A	KCM

Base/Neutral/Acid Semivolatiles by GC/MS
Method: EPA 3550C/EPA 8270E

Aliquot ID: A08843-002 **Matrix: Soil/Solid**
Description: Location A

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Acenaphthene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS
2. Acenaphthylene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS
3. Aniline	U	V-Y1	µg/kg	1100	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS
4. Anthracene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS
‡ 5. Azobenzene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS
6. Benzo(a)anthracene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS
7. Benzo(a)pyrene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS
8. Benzo(b)fluoranthene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS
9. Benzo(ghi)perylene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS
10. Benzo(k)fluoranthene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS
11. Benzyl Alcohol	U		µg/kg	3300	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS
12. Bis(2-chloroethoxy)methane	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS
13. Bis(2-chloroethyl)ether	U		µg/kg	220	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS
14. Bis(2-ethylhexyl)phthalate	U	Y1	µg/kg	1100	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS
15. 4-Bromophenyl Phenylether	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS
16. Butyl Benzyl Phthalate	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS
17. Di-n-butyl Phthalate	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS
‡ 18. Carbazole	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS
19. 4-Chloro-3-methylphenol	U		µg/kg	280	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS
20. 2-Chloronaphthalene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS
21. 2-Chlorophenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS
22. 4-Chlorophenyl Phenylether	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS
23. Chrysene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS
24. Dibenzo(a,h)anthracene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS
25. Dibenzofuran	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS
26. 2,4-Dichlorophenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location A	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	10:56
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Base/Neutral/Acid Semivolatiles by GC/MS						Aliquot ID:	A08843-002	Matrix: Soil/Solid			
Method: EPA 3550C/EPA 8270E						Description: Location A					
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis			
						P. Date	P. Batch	A. Date	A. Batch	Init.	
27. Diethyl Phthalate	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
28. 2,4-Dimethylphenol	U	Y1	µg/kg	1100	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
29. Dimethyl Phthalate	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
30. 2,4-Dinitrophenol	U		µg/kg	2200	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
‡ 31. 2,4-Dinitrotoluene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
‡ 32. 2,6-Dinitrotoluene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
33. Fluoranthene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
34. Fluorene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
35. Hexachlorobenzene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
36. Hexachlorobutadiene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
37. Hexachlorocyclopentadiene	U		µg/kg	1100	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
38. Hexachloroethane	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
39. Indeno(1,2,3-cd)pyrene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
‡ 40. Isophorone	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
41. 2-Methyl-4,6-dinitrophenol	U	Y1	µg/kg	4400	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
42. 2-Methylnaphthalene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
43. 2-Methylphenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
‡ 44. 3&4-Methylphenol	U		µg/kg	660	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
45. Naphthalene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
46. 2-Nitroaniline	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
47. 3-Nitroaniline	U		µg/kg	830	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
48. 4-Nitroaniline	U		µg/kg	830	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
49. Nitrobenzene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
50. 2-Nitrophenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
51. 4-Nitrophenol	U	Y1	µg/kg	1100	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
52. N-Nitrosodimethylamine	U	L-Y1	µg/kg	1100	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
53. N-Nitrosodi-n-propylamine	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
54. N-Nitrosodiphenylamine	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
55. Di-n-octyl Phthalate	U	Y1	µg/kg	1100	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
56. 2,2'-Oxybis(1-chloropropane)	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
57. Pentachlorophenol	U	Y1	µg/kg	1100	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
58. Phenanthrene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
59. Phenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
60. Pyrene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	
61. Pyridine	U	L-Y1	µg/kg	1100	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS	

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location A	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	10:56
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Base/Neutral/Acid Semivolatiles by GC/MS					Aliquot ID: A08843-002	Matrix: Soil/Solid				
Method: EPA 3550C/EPA 8270E					Description: Location A					
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 62. 1,2,4-Trichlorobenzene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS
63. 2,4,5-Trichlorophenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS
64. 2,4,6-Trichlorophenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 07:39	SN22F03B	ALS

Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location B	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Surface Water	Collect Time:	10:07

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Michigan 10 Elements by ICP/MS, Dissolved					Aliquot ID: A08843-003C	Matrix: Surface Water				
Method: EPA 0200.8 (Dissolved)/EPA 0200.8					Description: Location B					
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
1. Arsenic	U		mg/L	0.0050	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
2. Barium	U		mg/L	0.10	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
3. Cadmium	U		mg/L	0.0010	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
4. Chromium	U		mg/L	0.010	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
5. Copper	U		mg/L	0.0040	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
6. Lead	U		mg/L	0.0030	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
7. Selenium	U		mg/L	0.0050	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
8. Silver	U		mg/L	0.00020	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
9. Zinc	U		mg/L	0.050	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA

Mercury by CVAAS, Dissolved						Aliquot ID: A08843-003C	Matrix: Surface Water			
Method: EPA 0245.1						Description: Location B				
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
1. Mercury	U		mg/L	0.00020	1.0	06/07/22	PM22F07B	06/07/22	M722F07A	JLH

Polychlorinated Biphenyls (PCBs)						Aliquot ID: A08843-003		Matrix: Surface Water		
Method: EPA 0608.3						Description: Location B				
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
1. Aroclor-1016	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 18:00	SF22F09A	TKT
2. Aroclor-1221	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 18:00	SF22F09A	TKT
3. Aroclor-1232	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 18:00	SF22F09A	TKT
4. Aroclor-1242	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 18:00	SF22F09A	TKT
5. Aroclor-1248	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 18:00	SF22F09A	TKT
6. Aroclor-1254	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 18:00	SF22F09A	TKT
7. Aroclor-1260	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 18:00	SF22F09A	TKT
‡ 8. Aroclor-1262	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 18:00	SF22F09A	TKT
‡ 9. Aroclor-1268	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 18:00	SF22F09A	TKT

Organochlorine Pesticides						Aliquot ID: A08843-003	Matrix: Surface Water			
Method: EPA 0608.3						Description: Location B				
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
1. Aldrin	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 17:43	SO22F08B	BDA

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Analytical Laboratory Report
Laboratory Project Number: A08843
Laboratory Sample Number: A08843-003

Order: A08843
Date: 06/16/22

Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location B	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Surface Water	Collect Time:	10:07

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Organochlorine Pesticides
Method: EPA 0608.3

Aliquot ID: A08843-003
Description: Location B
Matrix: Surface Water

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
2. alpha-BHC	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 17:43	SO22F08B	BDA
3. beta-BHC	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 17:43	SO22F08B	BDA
4. delta-BHC	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 17:43	SO22F08B	BDA
5. gamma-BHC	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 17:43	SO22F08B	BDA
6. Chlordane	U		mg/L	0.0000500	1.0	06/03/22	PS22F03O	06/03/22 19:30	SO22F03A	BDA
7. 4,4'-DDD	U		mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 17:43	SO22F08B	BDA
8. 4,4'-DDE	U		mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 17:43	SO22F08B	BDA
9. 4,4'-DDT	U	V+	mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 17:43	SO22F08B	BDA
10. Dieldrin	U		mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 17:43	SO22F08B	BDA
11. Endosulfan I	U		mg/L	0.0000500	1.0	06/03/22	PS22F03O	06/08/22 17:43	SO22F08B	BDA
12. Endosulfan II	U		mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 17:43	SO22F08B	BDA
13. Endosulfan Sulfate	U		mg/L	0.0000500	1.0	06/03/22	PS22F03O	06/08/22 17:43	SO22F08B	BDA
14. Endrin	U		mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 17:43	SO22F08B	BDA
15. Endrin Aldehyde	U		mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 17:43	SO22F08B	BDA
16. Heptachlor	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 17:43	SO22F08B	BDA
17. Heptachlor Epoxide	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 17:43	SO22F08B	BDA
18. Methoxychlor	U		mg/L	0.0000500	1.0	06/03/22	PS22F03O	06/08/22 17:43	SO22F08B	BDA
19. Toxaphene	U		mg/L	0.00100	1.0	06/03/22	PS22F03O	06/03/22 19:30	SO22F03A	BDA

Organochlorine Herbicides
Method: EPA 0615

Aliquot ID: A08843-003
Description: Location B
Matrix: Surface Water

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. 2,4-D	U		µg/L	10	5.0	06/09/22	PS22F09I	06/15/22 14:23	SC22F15A	TKT
‡ 2. Dalapon	U		µg/L	10	5.0	06/09/22	PS22F09I	06/15/22 14:23	SC22F15A	TKT
‡ 3. 2,4-DB	U		µg/L	10	5.0	06/09/22	PS22F09I	06/15/22 14:23	SC22F15A	TKT
‡ 4. Dicamba	U		µg/L	1.0	5.0	06/09/22	PS22F09I	06/15/22 14:23	SC22F15A	TKT
‡ 5. Dichlorprop	U		µg/L	10	5.0	06/09/22	PS22F09I	06/15/22 14:23	SC22F15A	TKT
‡ 6. Dinoseb	U	V+	µg/L	5.0	5.0	06/09/22	PS22F09I	06/15/22 14:23	SC22F15A	TKT
‡ 7. 2,4,5-T	U		µg/L	1.0	5.0	06/09/22	PS22F09I	06/15/22 14:23	SC22F15A	TKT
‡ 8. 2,4,5-TP	U		µg/L	1.0	5.0	06/09/22	PS22F09I	06/15/22 14:23	SC22F15A	TKT

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Analytical Laboratory Report
Laboratory Project Number: A08843
Laboratory Sample Number: A08843-003

Order: A08843
Date: 06/16/22

Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location B	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Surface Water	Collect Time:	10:07

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS
Method: EPA 0624.1

Aliquot ID: A08843-003B
Description: Location B
Matrix: Surface Water

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
1. Acetone	U	L-	mg/L	0.0500	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
2. Acrylonitrile	U		mg/L	0.00200	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
3. Benzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
‡ 4. Bromobenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
‡ 5. Bromochloromethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
6. Bromodichloromethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
7. Bromoform	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
8. Bromomethane	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
9. 2-Butanone	U	V+	mg/L	0.0250	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
‡ 10. n-Butylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
‡ 11. sec-Butylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
‡ 12. tert-Butylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
‡ 13. Carbon Disulfide	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
14. Carbon Tetrachloride	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
15. Chlorobenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
16. Chloroethane	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
17. Chloroform	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
18. Chloromethane	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
‡ 19. 2-Chlorotoluene	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
‡ 20. 1,2-Dibromo-3-chloropropane (SIM)	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
21. Dibromochloromethane	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
‡ 22. Dibromomethane	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
23. 1,2-Dichlorobenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
24. 1,3-Dichlorobenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
25. 1,4-Dichlorobenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
‡ 26. Dichlorodifluoromethane	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
27. 1,1-Dichloroethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
28. 1,2-Dichloroethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
29. 1,1-Dichloroethene	U	V+	mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
30. cis-1,2-Dichloroethene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
31. trans-1,2-Dichloroethene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
32. 1,2-Dichloropropane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
33. cis-1,3-Dichloropropene	U		mg/L	0.000500	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
34. trans-1,3-Dichloropropene	U		mg/L	0.000500	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
35. Ethylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
36. Ethylene Dibromide	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
‡ 37. 2-Hexanone	U		mg/L	0.0500	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM

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Analytical Laboratory Report
Laboratory Project Number: A08843
Laboratory Sample Number: A08843-003

Order: A08843
Date: 06/16/22

Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location B	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Surface Water	Collect Time:	10:07

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS
Method: EPA 0624.1

Aliquot ID: A08843-003B
Description: Location B
Matrix: Surface Water

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
‡ 38. Isopropylbenzene	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
‡ 39. 4-Methyl-2-pentanone	U		mg/L	0.0500	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
40. Methylene Chloride	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
‡ 41. 2-Methylnaphthalene	U	L-*	mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
42. MTBE	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
43. Naphthalene	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
‡ 44. n-Propylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
‡ 45. Styrene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
‡ 46. 1,1,1,2-Tetrachloroethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
47. 1,1,2,2-Tetrachloroethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
48. Tetrachloroethene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
49. Toluene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
‡ 50. 1,2,4-Trichlorobenzene	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
51. 1,1,1-Trichloroethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
52. 1,1,2-Trichloroethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
53. Trichloroethene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
54. Trichlorofluoromethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
‡ 55. 1,2,3-Trichloropropane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
‡ 56. 1,2,3-Trimethylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
‡ 57. 1,2,4-Trimethylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
‡ 58. 1,3,5-Trimethylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
59. Vinyl Chloride	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
60. m&p-Xylene	U		mg/L	0.00200	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
61. o-Xylene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM
62. Xylenes	U		mg/L	0.00300	1.0	06/13/22	VI22F13A	06/13/22 14:50	VI22F13A	KCM

Base/Neutral/Acid Semivolatiles by GC/MS
Method: EPA 0625.1

Aliquot ID: A08843-003
Description: Location B
Matrix: Surface Water

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Acenaphthene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
2. Acenaphthylene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
‡ 3. Aniline	U	V-	µg/L	4.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
4. Anthracene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
‡ 5. Azobenzene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location B	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Surface Water	Collect Time:	10:07

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Base/Neutral/Acid Semivolatiles by GC/MS
Method: EPA 0625.1

Aliquot ID: A08843-003
Description: Location B
Matrix: Surface Water

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
6. Benzo(a)anthracene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
7. Benzo(a)pyrene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
8. Benzo(b)fluoranthene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
9. Benzo(ghi)perylene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
10. Benzo(k)fluoranthene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
‡ 11. Benzyl Alcohol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
12. Bis(2-chloroethoxy)methane	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
13. Bis(2-chloroethyl)ether	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
14. Bis(2-ethylhexyl)phthalate	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
15. 4-Bromophenyl Phenylether	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
16. Butyl Benzyl Phthalate	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
17. Di-n-butyl Phthalate	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
‡ 18. Carbazole	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
19. 4-Chloro-3-methylphenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
20. 2-Chloronaphthalene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
21. 2-Chlorophenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
22. 4-Chlorophenyl Phenylether	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
23. Chrysene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
24. Dibenzo(a,h)anthracene	U		µg/L	2.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
‡ 25. Dibenzofuran	U		µg/L	4.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
26. 2,4-Dichlorophenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
27. Diethyl Phthalate	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
28. 2,4-Dimethylphenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
29. Dimethyl Phthalate	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
30. 2,4-Dinitrophenol	U	*	µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
‡ 31. 2,4-Dinitrotoluene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
‡ 32. 2,6-Dinitrotoluene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
33. Fluoranthene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
34. Fluorene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
35. Hexachlorobenzene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
36. Hexachlorobutadiene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
37. Hexachlorocyclopentadiene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
38. Hexachloroethane	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
39. Indeno(1,2,3-cd)pyrene	U		µg/L	2.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
‡ 40. Isophorone	U	L+	µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
41. 2-Methyl-4,6-dinitrophenol	U	L+	µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
‡ 42. 2-Methylnaphthalene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location B	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Surface Water	Collect Time:	10:07

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Base/Neutral/Acid Semivolatiles by GC/MS
Method: EPA 0625.1

Aliquot ID: A08843-003
Description: Location B
Matrix: Surface Water

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
43. 2-Methylphenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
‡ 44. 3&4-Methylphenol	U		µg/L	10	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
45. Naphthalene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
‡ 46. 2-Nitroaniline	U		µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
‡ 47. 3-Nitroaniline	U		µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
‡ 48. 4-Nitroaniline	U		µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
49. Nitrobenzene	U		µg/L	3.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
50. 2-Nitrophenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
51. 4-Nitrophenol	U		µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
52. N-Nitrosodimethylamine	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
53. N-Nitrosodi-n-propylamine	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
54. N-Nitrosodiphenylamine	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
55. Di-n-octyl Phthalate	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
56. 2,2'-Oxybis(1-chloropropane)	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
57. Pentachlorophenol	U		µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
58. Phenanthrene	U		µg/L	2.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
59. Phenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
60. Pyrene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
61. Pyridine	U	*	µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
62. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
63. 2,4,5-Trichlorophenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD
64. 2,4,6-Trichlorophenol	U		µg/L	4.0	1.0	06/06/22	PS22F06F	06/06/22 16:38	PS22F06A	SJD

Chromium, Hexavalent, Dissolved
Method: SM 3500-Cr B-2011

Aliquot ID: A08843-003A
Description: Location B
Matrix: Surface Water

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Chromium VI	U		mg/L	0.0050	1.0	NA	NA	06/02/22 16:43	2022 4:43:00	MJS

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location B	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	10:18
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Water (Moisture) Content Dried at 105 ± 5°C						Aliquot ID: A08843-004	Matrix: Soil/Solid			
Method: ASTM D2216-10						Description: Location B				
						Preparation		Analysis		
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. Percent Moisture (Water Content)	22		%	1	1.0	06/03/22	MC220603	06/06/22	MC220603	LJK

Michigan 10 Elements by ICP/MS					Aliquot ID: A08843-004	Matrix: Soil/Solid				
Method: EPA 0200.2/EPA 6020A					Description: Location B					
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Arsenic	1900		µg/kg	100	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
2. Barium	12000		µg/kg	1000	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
3. Cadmium	63		µg/kg	50	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
4. Chromium	16000		µg/kg	500	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
5. Copper	3300		µg/kg	1000	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
6. Lead	2500		µg/kg	1000	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
7. Selenium	U		µg/kg	200	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
8. Silver	U		µg/kg	100	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
9. Zinc	20000		µg/kg	1000	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA

Chromium, Hexavalent						Aliquot ID: A08843-004	Matrix: Soil/Solid			
Method: EPA 3060A/EPA 7196A						Description: Location B				
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Chromium VI	1300		µg/kg	520	1.0	06/06/22	W322F06A	06/07/22	W322F06A	JLS

Mercury by CVAAS						Aliquot ID: A08843-004	Matrix: Soil/Solid			
Method: EPA 7471B						Description: Location B				
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
1. Mercury	U		µg/kg	50	10	06/07/22	PM22F07D	06/08/22	M722F08A	JLH

Organochlorine Pesticides					Aliquot ID: A08843-004	Matrix: Soil/Solid				
Method: EPA 3546/EPA 8081B					Description: Location B					
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
1. Aldrin	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:15	SO22F08B	TKT
2. alpha-BHC	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:15	SO22F08B	TKT

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Analytical Laboratory Report
Laboratory Project Number: A08843
Laboratory Sample Number: A08843-004

Order: A08843
Date: 06/16/22

Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location B	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	10:18
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Organochlorine Pesticides
Method: EPA 3546/EPA 8081B

Aliquot ID: A08843-004 **Matrix: Soil/Solid**
Description: Location B

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
3. beta-BHC	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:15	SO22F08B	TKT
4. delta-BHC	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:15	SO22F08B	TKT
5. gamma-BHC	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:15	SO22F08B	TKT
6. Chlordane	U		µg/kg	25	5.0	06/08/22	PS22F08B	06/08/22 20:15	SO22F08B	TKT
7. 4,4'-DDD	U	F+ L+	µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:15	SO22F08B	TKT
8. 4,4'-DDE	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:15	SO22F08B	TKT
9. 4,4'-DDT	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:15	SO22F08B	TKT
10. Dieldrin	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:15	SO22F08B	TKT
11. Endosulfan I	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:15	SO22F08B	TKT
12. Endosulfan II	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:15	SO22F08B	TKT
13. Endosulfan Sulfate	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:15	SO22F08B	TKT
14. Endrin	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:15	SO22F08B	TKT
15. Endrin Aldehyde	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:15	SO22F08B	TKT
16. Heptachlor	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:15	SO22F08B	TKT
17. Heptachlor Epoxide	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:15	SO22F08B	TKT
18. Methoxychlor	U		µg/kg	50	5.0	06/08/22	PS22F08B	06/08/22 20:15	SO22F08B	TKT
19. Toxaphene	U		µg/kg	170	5.0	06/08/22	PS22F08B	06/08/22 20:15	SO22F08B	TKT

Polychlorinated Biphenyls (PCBs)
Method: EPA 3546/EPA 8082A

Aliquot ID: A08843-004 **Matrix: Soil/Solid**
Description: Location B

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Aroclor-1016	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 17:41	SF22F08B	TKT
2. Aroclor-1221	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 17:41	SF22F08B	TKT
3. Aroclor-1232	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 17:41	SF22F08B	TKT
4. Aroclor-1242	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 17:41	SF22F08B	TKT
5. Aroclor-1248	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 17:41	SF22F08B	TKT
6. Aroclor-1254	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 17:41	SF22F08B	TKT
7. Aroclor-1260	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 17:41	SF22F08B	TKT
‡ 8. Aroclor-1262	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 17:41	SF22F08B	TKT
‡ 9. Aroclor-1268	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 17:41	SF22F08B	TKT

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location B	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	10:18
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Organochlorine Herbicides
Method: EPA 8151A

Aliquot ID: A08843-004
Description: Location B
Matrix: Soil/Solid

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
‡ 1. 2,4-D	U		µg/kg	200	10	06/09/22	PS22F08G	06/14/22 03:27	SC22F13A	TKT
‡ 2. Dalapon	U		µg/kg	100	10	06/09/22	PS22F08G	06/14/22 03:27	SC22F13A	TKT
‡ 3. 2,4-DB	U		µg/kg	200	10	06/09/22	PS22F08G	06/14/22 03:27	SC22F13A	TKT
‡ 4. Dicamba	U		µg/kg	100	10	06/09/22	PS22F08G	06/14/22 03:27	SC22F13A	TKT
‡ 5. Dichlorprop	U		µg/kg	200	10	06/09/22	PS22F08G	06/14/22 03:27	SC22F13A	TKT
‡ 6. Dinoseb	U	L-	µg/kg	100	10	06/09/22	PS22F08G	06/14/22 03:27	SC22F13A	TKT
‡ 7. 2,4,5-T	U		µg/kg	200	10	06/09/22	PS22F08G	06/14/22 03:27	SC22F13A	TKT
‡ 8. 2,4,5-TP	U		µg/kg	200	10	06/09/22	PS22F08G	06/14/22 03:27	SC22F13A	TKT

Volatile Organic Compounds (VOCs) by GC/MS, 5035
Method: EPA 5035A/EPA 8260D

Aliquot ID: A08843-004A
Description: Location B
Matrix: Soil/Solid

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Acetone	U	V+	µg/kg	1000	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
‡ 2. Acrylonitrile	U		µg/kg	160	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
3. Benzene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
4. Bromobenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
5. Bromochloromethane	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
6. Bromodichloromethane	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
7. Bromoform	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
8. Bromomethane	U		µg/kg	200	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
9. 2-Butanone	U	V+ L+	µg/kg	750	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
10. n-Butylbenzene	U		µg/kg	78	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
11. sec-Butylbenzene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
12. tert-Butylbenzene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
13. Carbon Disulfide	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
14. Carbon Tetrachloride	U		µg/kg	78	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
15. Chlorobenzene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
16. Chloroethane	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
17. Chloroform	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
18. Chloromethane	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
19. 2-Chlorotoluene	U		µg/kg	78	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
‡ 20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
21. Dibromochloromethane	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
22. Dibromomethane	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location B	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	10:18
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Volatile Organic Compounds (VOCs) by GC/MS, 5035
Method: EPA 5035A/EPA 8260D

Aliquot ID: A08843-004A **Matrix: Soil/Solid**
Description: Location B

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
26. Dichlorodifluoromethane	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
27. 1,1-Dichloroethane	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
28. 1,2-Dichloroethane	U		µg/kg	78	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
29. 1,1-Dichloroethene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
32. 1,2-Dichloropropane	U		µg/kg	78	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
33. cis-1,3-Dichloropropene	U		µg/kg	78	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
34. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
35. Ethylbenzene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
36. Ethylene Dibromide	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
37. 2-Hexanone	U	V+ L+	µg/kg	2500	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
38. Isopropylbenzene	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
39. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
40. Methylene Chloride	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
‡ 41. 2-Methylnaphthalene	U		µg/kg	330	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
42. MTBE	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
43. Naphthalene	U		µg/kg	330	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
44. n-Propylbenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
45. Styrene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
46. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
47. 1,1,2,2-Tetrachloroethane	U		µg/kg	78	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
48. Tetrachloroethene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
49. Toluene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
50. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
51. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
52. 1,1,2-Trichloroethane	U		µg/kg	78	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
53. Trichloroethene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
54. Trichlorofluoromethane	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
55. 1,2,3-Trichloropropane	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
‡ 56. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
57. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
58. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM

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Analytical Laboratory Report
Laboratory Project Number: A08843
Laboratory Sample Number: A08843-004

Order: A08843
Date: 06/16/22

Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location B	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	10:18
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Volatile Organic Compounds (VOCs) by GC/MS, 5035
Method: EPA 5035A/EPA 8260D

Aliquot ID: A08843-004A **Matrix: Soil/Solid**
Description: Location B

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
59. Vinyl Chloride	U		µg/kg	40	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
60. m&p-Xylene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
61. o-Xylene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM
‡ 62. Xylenes	U		µg/kg	150	1.0	06/03/22	VP22F03A	06/03/22 18:12	VP22F03A	KCM

Base/Neutral/Acid Semivolatiles by GC/MS
Method: EPA 3550C/EPA 8270E

Aliquot ID: A08843-004 **Matrix: Soil/Solid**
Description: Location B

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Acenaphthene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
2. Acenaphthylene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
3. Aniline	U	V-Y1	µg/kg	1100	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
4. Anthracene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
‡ 5. Azobenzene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
6. Benzo(a)anthracene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
7. Benzo(a)pyrene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
8. Benzo(b)fluoranthene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
9. Benzo(ghi)perylene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
10. Benzo(k)fluoranthene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
11. Benzyl Alcohol	U		µg/kg	3300	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
12. Bis(2-chloroethoxy)methane	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
13. Bis(2-chloroethyl)ether	U		µg/kg	210	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
14. Bis(2-ethylhexyl)phthalate	U	Y1	µg/kg	1100	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
15. 4-Bromophenyl Phenylether	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
16. Butyl Benzyl Phthalate	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
17. Di-n-butyl Phthalate	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
‡ 18. Carbazole	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
19. 4-Chloro-3-methylphenol	U		µg/kg	280	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
20. 2-Chloronaphthalene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
21. 2-Chlorophenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
22. 4-Chlorophenyl Phenylether	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
23. Chrysene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
24. Dibenzo(a,h)anthracene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
25. Dibenzofuran	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
26. 2,4-Dichlorophenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS

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Analytical Laboratory Report
Laboratory Project Number: A08843
Laboratory Sample Number: A08843-004

Order: A08843
Date: 06/16/22

Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location B	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	10:18
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Base/Neutral/Acid Semivolatiles by GC/MS
Method: EPA 3550C/EPA 8270E

Aliquot ID: A08843-004
Description: Location B
Matrix: Soil/Solid

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
27. Diethyl Phthalate	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
28. 2,4-Dimethylphenol	U	Y1	µg/kg	1100	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
29. Dimethyl Phthalate	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
30. 2,4-Dinitrophenol	U		µg/kg	2100	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
‡ 31. 2,4-Dinitrotoluene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
‡ 32. 2,6-Dinitrotoluene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
33. Fluoranthene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
34. Fluorene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
35. Hexachlorobenzene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
36. Hexachlorobutadiene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
37. Hexachlorocyclopentadiene	U		µg/kg	1100	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
38. Hexachloroethane	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
39. Indeno(1,2,3-cd)pyrene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
‡ 40. Isophorone	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
41. 2-Methyl-4,6-dinitrophenol	U	Y1	µg/kg	4300	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
42. 2-Methylnaphthalene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
43. 2-Methylphenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
‡ 44. 3&4-Methylphenol	U		µg/kg	660	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
45. Naphthalene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
46. 2-Nitroaniline	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
47. 3-Nitroaniline	U		µg/kg	830	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
48. 4-Nitroaniline	U		µg/kg	830	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
49. Nitrobenzene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
50. 2-Nitrophenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
51. 4-Nitrophenol	U	Y1	µg/kg	1100	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
52. N-Nitrosodimethylamine	U	L-Y1	µg/kg	1100	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
53. N-Nitrosodi-n-propylamine	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
54. N-Nitrosodiphenylamine	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
55. Di-n-octyl Phthalate	U	Y1	µg/kg	1100	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
56. 2,2'-Oxybis(1-chloropropane)	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
57. Pentachlorophenol	U	Y1	µg/kg	1100	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
58. Phenanthrene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
59. Phenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
60. Pyrene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
61. Pyridine	U	L-Y1	µg/kg	1100	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS

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F: (231) 775-8584

Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location B	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	10:18
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Base/Neutral/Acid Semivolatiles by GC/MS
Method: EPA 3550C/EPA 8270E

Aliquot ID: A08843-004 **Matrix: Soil/Solid**
Description: Location B

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
‡ 62. 1,2,4-Trichlorobenzene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
63. 2,4,5-Trichlorophenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS
64. 2,4,6-Trichlorophenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:09	SN22F03B	ALS

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location C	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Surface Water	Collect Time:	11:26

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Michigan 10 Elements by ICP/MS, Dissolved Aliquot ID: **A08843-005C** Matrix: **Surface Water**
Method: EPA 0200.8 (Dissolved)/EPA 0200.8 Description: **Location C**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Arsenic	U		mg/L	0.0050	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
2. Barium	U		mg/L	0.10	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
3. Cadmium	U		mg/L	0.0010	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
4. Chromium	U		mg/L	0.010	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
5. Copper	U		mg/L	0.0040	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
6. Lead	U		mg/L	0.0030	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
7. Selenium	U		mg/L	0.0050	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
8. Silver	U		mg/L	0.00020	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
9. Zinc	U		mg/L	0.050	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA

Mercury by CVAAS, Dissolved Aliquot ID: **A08843-005C** Matrix: **Surface Water**
Method: EPA 0245.1 Description: **Location C**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Mercury	U		mg/L	0.00020	1.0	06/07/22	PM22F07B	06/07/22	M722F07A	JLH

Polychlorinated Biphenyls (PCBs) Aliquot ID: **A08843-005** Matrix: **Surface Water**
Method: EPA 0608.3 Description: **Location C**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Aroclor-1016	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 18:11	SF22F09A	TKT
2. Aroclor-1221	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 18:11	SF22F09A	TKT
3. Aroclor-1232	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 18:11	SF22F09A	TKT
4. Aroclor-1242	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 18:11	SF22F09A	TKT
5. Aroclor-1248	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 18:11	SF22F09A	TKT
6. Aroclor-1254	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 18:11	SF22F09A	TKT
7. Aroclor-1260	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 18:11	SF22F09A	TKT
‡ 8. Aroclor-1262	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 18:11	SF22F09A	TKT
‡ 9. Aroclor-1268	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 18:11	SF22F09A	TKT

Organochlorine Pesticides Aliquot ID: **A08843-005** Matrix: **Surface Water**
Method: EPA 0608.3 Description: **Location C**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Aldrin	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 17:55	SO22F08B	BDA

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Analytical Laboratory Report
Laboratory Project Number: A08843
Laboratory Sample Number: A08843-005

Order: A08843
Date: 06/16/22

Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location C	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Surface Water	Collect Time:	11:26

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Organochlorine Pesticides
Method: EPA 0608.3

Aliquot ID: A08843-005
Description: Location C
Matrix: Surface Water

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
2. alpha-BHC	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 17:55	SO22F08B	BDA
3. beta-BHC	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 17:55	SO22F08B	BDA
4. delta-BHC	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 17:55	SO22F08B	BDA
5. gamma-BHC	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 17:55	SO22F08B	BDA
6. Chlordane	U		mg/L	0.0000500	1.0	06/03/22	PS22F03O	06/03/22 19:42	SO22F03A	BDA
7. 4,4'-DDD	U		mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 17:55	SO22F08B	BDA
8. 4,4'-DDE	U		mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 17:55	SO22F08B	BDA
9. 4,4'-DDT	U	V+	mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 17:55	SO22F08B	BDA
10. Dieldrin	U		mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 17:55	SO22F08B	BDA
11. Endosulfan I	U		mg/L	0.0000500	1.0	06/03/22	PS22F03O	06/08/22 17:55	SO22F08B	BDA
12. Endosulfan II	U		mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 17:55	SO22F08B	BDA
13. Endosulfan Sulfate	U		mg/L	0.0000500	1.0	06/03/22	PS22F03O	06/08/22 17:55	SO22F08B	BDA
14. Endrin	U		mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 17:55	SO22F08B	BDA
15. Endrin Aldehyde	U		mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 17:55	SO22F08B	BDA
16. Heptachlor	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 17:55	SO22F08B	BDA
17. Heptachlor Epoxide	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 17:55	SO22F08B	BDA
18. Methoxychlor	U		mg/L	0.0000500	1.0	06/03/22	PS22F03O	06/08/22 17:55	SO22F08B	BDA
19. Toxaphene	U		mg/L	0.00100	1.0	06/03/22	PS22F03O	06/03/22 19:42	SO22F03A	BDA

Organochlorine Herbicides
Method: EPA 0615

Aliquot ID: A08843-005
Description: Location C
Matrix: Surface Water

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
‡ 1. 2,4-D	U		µg/L	10	5.0	06/09/22	PS22F09I	06/15/22 14:55	SC22F15A	TKT
‡ 2. Dalapon	U		µg/L	10	5.0	06/09/22	PS22F09I	06/15/22 14:55	SC22F15A	TKT
‡ 3. 2,4-DB	U		µg/L	10	5.0	06/09/22	PS22F09I	06/15/22 14:55	SC22F15A	TKT
‡ 4. Dicamba	U		µg/L	1.0	5.0	06/09/22	PS22F09I	06/15/22 14:55	SC22F15A	TKT
‡ 5. Dichlorprop	U		µg/L	10	5.0	06/09/22	PS22F09I	06/15/22 14:55	SC22F15A	TKT
‡ 6. Dinoseb	U	V+	µg/L	5.0	5.0	06/09/22	PS22F09I	06/15/22 14:55	SC22F15A	TKT
‡ 7. 2,4,5-T	U		µg/L	1.0	5.0	06/09/22	PS22F09I	06/15/22 14:55	SC22F15A	TKT
‡ 8. 2,4,5-TP	U		µg/L	1.0	5.0	06/09/22	PS22F09I	06/15/22 14:55	SC22F15A	TKT

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Analytical Laboratory Report
Laboratory Project Number: A08843
Laboratory Sample Number: A08843-005

Order: A08843
Date: 06/16/22

Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location C	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Surface Water	Collect Time:	11:26

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS
Method: EPA 0624.1

Aliquot ID: A08843-005B
Description: Location C
Matrix: Surface Water

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
1. Acetone	U	L-	mg/L	0.0500	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
2. Acrylonitrile	U		mg/L	0.00200	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
3. Benzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
‡ 4. Bromobenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
‡ 5. Bromochloromethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
6. Bromodichloromethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
7. Bromoform	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
8. Bromomethane	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
9. 2-Butanone	U	V+	mg/L	0.0250	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
‡ 10. n-Butylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
‡ 11. sec-Butylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
‡ 12. tert-Butylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
‡ 13. Carbon Disulfide	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
14. Carbon Tetrachloride	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
15. Chlorobenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
16. Chloroethane	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
17. Chloroform	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
18. Chloromethane	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
‡ 19. 2-Chlorotoluene	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
‡ 20. 1,2-Dibromo-3-chloropropane (SIM)	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
21. Dibromochloromethane	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
‡ 22. Dibromomethane	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
23. 1,2-Dichlorobenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
24. 1,3-Dichlorobenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
25. 1,4-Dichlorobenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
‡ 26. Dichlorodifluoromethane	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
27. 1,1-Dichloroethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
28. 1,2-Dichloroethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
29. 1,1-Dichloroethene	U	V+	mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
30. cis-1,2-Dichloroethene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
31. trans-1,2-Dichloroethene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
32. 1,2-Dichloropropane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
33. cis-1,3-Dichloropropene	U		mg/L	0.000500	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
34. trans-1,3-Dichloropropene	U		mg/L	0.000500	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
35. Ethylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
36. Ethylene Dibromide	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
‡ 37. 2-Hexanone	U		mg/L	0.0500	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location C	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Surface Water	Collect Time:	11:26

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS
Method: EPA 0624.1

Aliquot ID: A08843-005B **Matrix: Surface Water**
Description: Location C

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
‡ 38. Isopropylbenzene	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
‡ 39. 4-Methyl-2-pentanone	U		mg/L	0.0500	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
40. Methylene Chloride	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
‡ 41. 2-Methylnaphthalene	U	L-*	mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
42. MTBE	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
43. Naphthalene	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
‡ 44. n-Propylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
‡ 45. Styrene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
‡ 46. 1,1,1,2-Tetrachloroethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
47. 1,1,2,2-Tetrachloroethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
48. Tetrachloroethene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
49. Toluene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
‡ 50. 1,2,4-Trichlorobenzene	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
51. 1,1,1-Trichloroethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
52. 1,1,2-Trichloroethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
53. Trichloroethene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
54. Trichlorofluoromethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
‡ 55. 1,2,3-Trichloropropane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
‡ 56. 1,2,3-Trimethylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
‡ 57. 1,2,4-Trimethylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
‡ 58. 1,3,5-Trimethylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
59. Vinyl Chloride	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
60. m&p-Xylene	U		mg/L	0.00200	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
61. o-Xylene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM
62. Xylenes	U		mg/L	0.00300	1.0	06/13/22	VI22F13A	06/13/22 15:16	VI22F13A	KCM

Base/Neutral/Acid Semivolatiles by GC/MS
Method: EPA 0625.1

Aliquot ID: A08843-005 **Matrix: Surface Water**
Description: Location C

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Acenaphthene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
2. Acenaphthylene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
‡ 3. Aniline	U	V-	µg/L	4.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
4. Anthracene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
‡ 5. Azobenzene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location C	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Surface Water	Collect Time:	11:26

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Base/Neutral/Acid Semivolatiles by GC/MS
Method: EPA 0625.1

Aliquot ID: A08843-005
Description: Location C
Matrix: Surface Water

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
6. Benzo(a)anthracene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
7. Benzo(a)pyrene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
8. Benzo(b)fluoranthene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
9. Benzo(ghi)perylene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
10. Benzo(k)fluoranthene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
‡ 11. Benzyl Alcohol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
12. Bis(2-chloroethoxy)methane	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
13. Bis(2-chloroethyl)ether	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
14. Bis(2-ethylhexyl)phthalate	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
15. 4-Bromophenyl Phenylether	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
16. Butyl Benzyl Phthalate	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
17. Di-n-butyl Phthalate	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
‡ 18. Carbazole	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
19. 4-Chloro-3-methylphenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
20. 2-Chloronaphthalene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
21. 2-Chlorophenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
22. 4-Chlorophenyl Phenylether	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
23. Chrysene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
24. Dibenzo(a,h)anthracene	U		µg/L	2.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
‡ 25. Dibenzofuran	U		µg/L	4.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
26. 2,4-Dichlorophenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
27. Diethyl Phthalate	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
28. 2,4-Dimethylphenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
29. Dimethyl Phthalate	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
30. 2,4-Dinitrophenol	U	*	µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
‡ 31. 2,4-Dinitrotoluene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
‡ 32. 2,6-Dinitrotoluene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
33. Fluoranthene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
34. Fluorene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
35. Hexachlorobenzene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
36. Hexachlorobutadiene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
37. Hexachlorocyclopentadiene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
38. Hexachloroethane	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
39. Indeno(1,2,3-cd)pyrene	U		µg/L	2.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
‡ 40. Isophorone	U	L+	µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
41. 2-Methyl-4,6-dinitrophenol	U	L+	µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
‡ 42. 2-Methylnaphthalene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location C	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Surface Water	Collect Time:	11:26

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Base/Neutral/Acid Semivolatiles by GC/MS
Method: EPA 0625.1

Aliquot ID: A08843-005
Description: Location C
Matrix: Surface Water

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
43. 2-Methylphenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
‡ 44. 3&4-Methylphenol	U		µg/L	10	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
45. Naphthalene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
‡ 46. 2-Nitroaniline	U		µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
‡ 47. 3-Nitroaniline	U		µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
‡ 48. 4-Nitroaniline	U		µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
49. Nitrobenzene	U		µg/L	3.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
50. 2-Nitrophenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
51. 4-Nitrophenol	U		µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
52. N-Nitrosodimethylamine	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
53. N-Nitrosodi-n-propylamine	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
54. N-Nitrosodiphenylamine	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
55. Di-n-octyl Phthalate	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
56. 2,2'-Oxybis(1-chloropropane)	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
57. Pentachlorophenol	U		µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
58. Phenanthrene	U		µg/L	2.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
59. Phenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
60. Pyrene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
61. Pyridine	U	*	µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
62. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
63. 2,4,5-Trichlorophenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD
64. 2,4,6-Trichlorophenol	U		µg/L	4.0	1.0	06/06/22	PS22F06F	06/06/22 18:04	PS22F06A	SJD

Chromium, Hexavalent, Dissolved
Method: SM 3500-Cr B-2011

Aliquot ID: A08843-005A
Description: Location C
Matrix: Surface Water

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
1. Chromium VI	U		mg/L	0.0050	1.0	NA	NA	06/02/22 16:44	2022 4:44:00	MJS

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location C	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	11:42
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Water (Moisture) Content Dried at 105 ± 5°C						Aliquot ID: A08843-006	Matrix: Soil/Solid				
Method: ASTM D2216-10						Description: Location C					
						Preparation		Analysis			
Parameter(s)		Result	Q	Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. Percent Moisture (Water Content)		19		%	1	1.0	06/03/22	MC220603	06/06/22	MC220603	LJK

Michigan 10 Elements by ICP/MS					Aliquot ID: A08843-006	Matrix: Soil/Solid				
Method: EPA 0200.2/EPA 6020A					Description: Location C					
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
1. Arsenic	7900		µg/kg	100	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
2. Barium	29000		µg/kg	1000	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
3. Cadmium	200		µg/kg	50	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
4. Chromium	36000		µg/kg	500	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
5. Copper	41000		µg/kg	1000	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
6. Lead	10000		µg/kg	1000	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
7. Selenium	U		µg/kg	200	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
8. Silver	U		µg/kg	100	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
9. Zinc	60000		µg/kg	1000	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA

Chromium, Hexavalent						Aliquot ID: A08843-006	Matrix: Soil/Solid			
Method: EPA 3060A/EPA 7196A						Description: Location C				
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Chromium VI	U		µg/kg	500	1.0	06/06/22	W322F06A	06/07/22	W322F06A	JLS

Mercury by CVAAS						Aliquot ID: A08843-006	Matrix: Soil/Solid			
Method: EPA 7471B						Description: Location C				
						Preparation		Analysis		
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.
1. Mercury	U		µg/kg	50	10	06/07/22	PM22F07D	06/08/22	M722F08A	JLH

Organochlorine Pesticides					Aliquot ID: A08843-006	Matrix: Soil/Solid				
Method: EPA 3546/EPA 8081B					Description: Location C					
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
1. Aldrin	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:52	SO22F08B	TKT
2. alpha-BHC	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:52	SO22F08B	TKT

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Analytical Laboratory Report
Laboratory Project Number: A08843
Laboratory Sample Number: A08843-006

Order: A08843
Date: 06/16/22

Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location C	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	11:42
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Organochlorine Pesticides
Method: EPA 3546/EPA 8081B

Aliquot ID: A08843-006 **Matrix: Soil/Solid**
Description: Location C

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
3. beta-BHC	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:52	SO22F08B	TKT
4. delta-BHC	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:52	SO22F08B	TKT
5. gamma-BHC	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:52	SO22F08B	TKT
6. Chlordane	U		µg/kg	25	5.0	06/08/22	PS22F08B	06/08/22 20:52	SO22F08B	TKT
7. 4,4'-DDD	U	L+	µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:52	SO22F08B	TKT
8. 4,4'-DDE	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:52	SO22F08B	TKT
9. 4,4'-DDT	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:52	SO22F08B	TKT
10. Dieldrin	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:52	SO22F08B	TKT
11. Endosulfan I	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:52	SO22F08B	TKT
12. Endosulfan II	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:52	SO22F08B	TKT
13. Endosulfan Sulfate	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:52	SO22F08B	TKT
14. Endrin	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:52	SO22F08B	TKT
15. Endrin Aldehyde	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:52	SO22F08B	TKT
16. Heptachlor	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:52	SO22F08B	TKT
17. Heptachlor Epoxide	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:52	SO22F08B	TKT
18. Methoxychlor	U		µg/kg	50	5.0	06/08/22	PS22F08B	06/08/22 20:52	SO22F08B	TKT
19. Toxaphene	U		µg/kg	170	5.0	06/08/22	PS22F08B	06/08/22 20:52	SO22F08B	TKT

Polychlorinated Biphenyls (PCBs)
Method: EPA 3546/EPA 8082A

Aliquot ID: A08843-006 **Matrix: Soil/Solid**
Description: Location C

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Aroclor-1016	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 17:53	SF22F08B	TKT
2. Aroclor-1221	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 17:53	SF22F08B	TKT
3. Aroclor-1232	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 17:53	SF22F08B	TKT
4. Aroclor-1242	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 17:53	SF22F08B	TKT
5. Aroclor-1248	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 17:53	SF22F08B	TKT
6. Aroclor-1254	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 17:53	SF22F08B	TKT
7. Aroclor-1260	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 17:53	SF22F08B	TKT
‡ 8. Aroclor-1262	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 17:53	SF22F08B	TKT
‡ 9. Aroclor-1268	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 17:53	SF22F08B	TKT

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location C	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	11:42
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Organochlorine Herbicides
Method: EPA 8151A

Aliquot ID: A08843-006
Description: Location C
Matrix: Soil/Solid

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. 2,4-D	U		µg/kg	200	10	06/09/22	PS22F08G	06/14/22 03:59	SC22F13A	TKT
‡ 2. Dalapon	U		µg/kg	100	10	06/09/22	PS22F08G	06/14/22 03:59	SC22F13A	TKT
‡ 3. 2,4-DB	U		µg/kg	200	10	06/09/22	PS22F08G	06/14/22 03:59	SC22F13A	TKT
‡ 4. Dicamba	U		µg/kg	100	10	06/09/22	PS22F08G	06/14/22 03:59	SC22F13A	TKT
‡ 5. Dichlorprop	U		µg/kg	200	10	06/09/22	PS22F08G	06/14/22 03:59	SC22F13A	TKT
‡ 6. Dinoseb	U	L-	µg/kg	100	10	06/09/22	PS22F08G	06/14/22 03:59	SC22F13A	TKT
‡ 7. 2,4,5-T	U		µg/kg	200	10	06/09/22	PS22F08G	06/14/22 03:59	SC22F13A	TKT
‡ 8. 2,4,5-TP	U		µg/kg	200	10	06/09/22	PS22F08G	06/14/22 03:59	SC22F13A	TKT

Volatile Organic Compounds (VOCs) by GC/MS, 5035
Method: EPA 5035A/EPA 8260D

Aliquot ID: A08843-006A
Description: Location C
Matrix: Soil/Solid

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
1. Acetone	U	V+	µg/kg	1000	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
‡ 2. Acrylonitrile	U		µg/kg	150	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
3. Benzene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
4. Bromobenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
5. Bromochloromethane	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
6. Bromodichloromethane	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
7. Bromoform	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
8. Bromomethane	U		µg/kg	200	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
9. 2-Butanone	U	V+ L+	µg/kg	750	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
10. n-Butylbenzene	U		µg/kg	76	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
11. sec-Butylbenzene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
12. tert-Butylbenzene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
13. Carbon Disulfide	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
14. Carbon Tetrachloride	U		µg/kg	76	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
15. Chlorobenzene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
16. Chloroethane	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
17. Chloroform	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
18. Chloromethane	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
19. 2-Chlorotoluene	U		µg/kg	76	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
‡ 20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
21. Dibromochloromethane	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
22. Dibromomethane	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM

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Analytical Laboratory Report
Laboratory Project Number: A08843
Laboratory Sample Number: A08843-006

Order: A08843
Date: 06/16/22

Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location C	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	11:42
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Volatile Organic Compounds (VOCs) by GC/MS, 5035
Method: EPA 5035A/EPA 8260D

Aliquot ID: A08843-006A **Matrix: Soil/Solid**
Description: Location C

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
26. Dichlorodifluoromethane	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
27. 1,1-Dichloroethane	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
28. 1,2-Dichloroethane	U		µg/kg	76	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
29. 1,1-Dichloroethene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
32. 1,2-Dichloropropane	U		µg/kg	76	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
33. cis-1,3-Dichloropropene	U		µg/kg	76	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
34. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
35. Ethylbenzene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
36. Ethylene Dibromide	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
37. 2-Hexanone	U	V+ L+	µg/kg	2500	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
38. Isopropylbenzene	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
39. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
40. Methylene Chloride	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
‡ 41. 2-Methylnaphthalene	U		µg/kg	330	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
42. MTBE	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
43. Naphthalene	U		µg/kg	330	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
44. n-Propylbenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
45. Styrene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
46. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
47. 1,1,2,2-Tetrachloroethane	U		µg/kg	76	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
48. Tetrachloroethene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
49. Toluene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
50. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
51. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
52. 1,1,2-Trichloroethane	U		µg/kg	76	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
53. Trichloroethene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
54. Trichlorofluoromethane	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
55. 1,2,3-Trichloropropane	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
‡ 56. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
57. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
58. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM

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Analytical Laboratory Report
Laboratory Project Number: A08843
Laboratory Sample Number: A08843-006

Order: A08843
Date: 06/16/22

Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location C	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	11:42
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Volatile Organic Compounds (VOCs) by GC/MS, 5035
Method: EPA 5035A/EPA 8260D

Aliquot ID: A08843-006A **Matrix: Soil/Solid**
Description: Location C

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
59. Vinyl Chloride	U		µg/kg	40	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
60. m&p-Xylene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
61. o-Xylene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM
‡ 62. Xylenes	U		µg/kg	150	1.0	06/03/22	VP22F03A	06/03/22 18:39	VP22F03A	KCM

Base/Neutral/Acid Semivolatiles by GC/MS
Method: EPA 3550C/EPA 8270E

Aliquot ID: A08843-006 **Matrix: Soil/Solid**
Description: Location C

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Acenaphthene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
2. Acenaphthylene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
3. Aniline	U	V-Y1	µg/kg	1000	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
4. Anthracene	490		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
‡ 5. Azobenzene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
6. Benzo(a)anthracene	2000		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
7. Benzo(a)pyrene	2000		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
8. Benzo(b)fluoranthene	3600		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
9. Benzo(ghi)perylene	770		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
10. Benzo(k)fluoranthene	1400		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
11. Benzyl Alcohol	U		µg/kg	3300	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
12. Bis(2-chloroethoxy)methane	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
13. Bis(2-chloroethyl)ether	U		µg/kg	210	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
14. Bis(2-ethylhexyl)phthalate	U	Y1	µg/kg	1000	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
15. 4-Bromophenyl Phenylether	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
16. Butyl Benzyl Phthalate	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
17. Di-n-butyl Phthalate	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
‡ 18. Carbazole	620		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
19. 4-Chloro-3-methylphenol	U		µg/kg	280	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
20. 2-Chloronaphthalene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
21. 2-Chlorophenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
22. 4-Chlorophenyl Phenylether	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
23. Chrysene	2600		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
24. Dibenzo(a,h)anthracene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
25. Dibenzofuran	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
26. 2,4-Dichlorophenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS

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Analytical Laboratory Report
Laboratory Project Number: A08843
Laboratory Sample Number: A08843-006

Order: A08843
Date: 06/16/22

Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location C	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	11:42
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Base/Neutral/Acid Semivolatiles by GC/MS
Method: EPA 3550C/EPA 8270E

Aliquot ID: A08843-006
Description: Location C
Matrix: Soil/Solid

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
27. Diethyl Phthalate	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
28. 2,4-Dimethylphenol	U	Y1	µg/kg	1000	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
29. Dimethyl Phthalate	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
30. 2,4-Dinitrophenol	U		µg/kg	2100	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
‡ 31. 2,4-Dinitrotoluene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
‡ 32. 2,6-Dinitrotoluene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
33. Fluoranthene	7100		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
34. Fluorene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
35. Hexachlorobenzene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
36. Hexachlorobutadiene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
37. Hexachlorocyclopentadiene	U		µg/kg	1000	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
38. Hexachloroethane	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
39. Indeno(1,2,3-cd)pyrene	900		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
‡ 40. Isophorone	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
41. 2-Methyl-4,6-dinitrophenol	U	Y1	µg/kg	4100	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
42. 2-Methylnaphthalene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
43. 2-Methylphenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
‡ 44. 3&4-Methylphenol	U		µg/kg	660	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
45. Naphthalene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
46. 2-Nitroaniline	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
47. 3-Nitroaniline	U		µg/kg	830	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
48. 4-Nitroaniline	U		µg/kg	830	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
49. Nitrobenzene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
50. 2-Nitrophenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
51. 4-Nitrophenol	U	Y1	µg/kg	1000	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
52. N-Nitrosodimethylamine	U	L-Y1	µg/kg	1000	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
53. N-Nitrosodi-n-propylamine	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
54. N-Nitrosodiphenylamine	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
55. Di-n-octyl Phthalate	U	Y1	µg/kg	1000	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
56. 2,2'-Oxybis(1-chloropropane)	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
57. Pentachlorophenol	U	Y1	µg/kg	1000	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
58. Phenanthrene	4800		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
59. Phenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
60. Pyrene	5300		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
61. Pyridine	U	L-Y1	µg/kg	1000	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location C	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	11:42
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Base/Neutral/Acid Semivolatiles by GC/MS
Method: EPA 3550C/EPA 8270E

Aliquot ID: A08843-006 **Matrix: Soil/Solid**
Description: Location C

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 62. 1,2,4-Trichlorobenzene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
63. 2,4,5-Trichlorophenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS
64. 2,4,6-Trichlorophenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 08:38	SN22F03B	ALS

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location D	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Surface Water	Collect Time:	09:23

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Michigan 10 Elements by ICP/MS, Dissolved Aliquot ID: **A08843-007C** Matrix: **Surface Water**
Method: EPA 0200.8 (Dissolved)/EPA 0200.8 Description: **Location D**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Arsenic	U		mg/L	0.0050	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
2. Barium	U		mg/L	0.10	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
3. Cadmium	U		mg/L	0.0010	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
4. Chromium	U		mg/L	0.010	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
5. Copper	U		mg/L	0.0040	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
6. Lead	U		mg/L	0.0030	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
7. Selenium	U		mg/L	0.0050	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
8. Silver	U		mg/L	0.00020	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA
9. Zinc	0.059		mg/L	0.050	10	06/07/22	PT22F07B	06/08/22	T422F08A	CJA

Mercury by CVAAS, Dissolved Aliquot ID: **A08843-007C** Matrix: **Surface Water**
Method: EPA 0245.1 Description: **Location D**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Mercury	U		mg/L	0.00020	1.0	06/07/22	PM22F07B	06/07/22	M722F07A	JLH

Polychlorinated Biphenyls (PCBs) Aliquot ID: **A08843-007** Matrix: **Surface Water**
Method: EPA 0608.3 Description: **Location D**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Aroclor-1016	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 18:22	SF22F09A	TKT
2. Aroclor-1221	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 18:22	SF22F09A	TKT
3. Aroclor-1232	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 18:22	SF22F09A	TKT
4. Aroclor-1242	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 18:22	SF22F09A	TKT
5. Aroclor-1248	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 18:22	SF22F09A	TKT
6. Aroclor-1254	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 18:22	SF22F09A	TKT
7. Aroclor-1260	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 18:22	SF22F09A	TKT
‡ 8. Aroclor-1262	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 18:22	SF22F09A	TKT
‡ 9. Aroclor-1268	U		mg/L	0.000200	1.0	06/03/22	PS22F03O	06/09/22 18:22	SF22F09A	TKT

Organochlorine Pesticides Aliquot ID: **A08843-007** Matrix: **Surface Water**
Method: EPA 0608.3 Description: **Location D**

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Aldrin	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 18:08	SO22F08B	BDA

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Analytical Laboratory Report
Laboratory Project Number: A08843
Laboratory Sample Number: A08843-007

Order: A08843
Date: 06/16/22

Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location D	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Surface Water	Collect Time:	09:23

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Organochlorine Pesticides
Method: EPA 0608.3

Aliquot ID: A08843-007
Description: Location D
Matrix: Surface Water

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
2. alpha-BHC	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 18:08	SO22F08B	BDA
3. beta-BHC	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 18:08	SO22F08B	BDA
4. delta-BHC	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 18:08	SO22F08B	BDA
5. gamma-BHC	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 18:08	SO22F08B	BDA
6. Chlordane	U		mg/L	0.0000500	1.0	06/03/22	PS22F03O	06/03/22 19:55	SO22F03A	BDA
7. 4,4'-DDD	U		mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 18:08	SO22F08B	BDA
8. 4,4'-DDE	U		mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 18:08	SO22F08B	BDA
9. 4,4'-DDT	U	V+	mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 18:08	SO22F08B	BDA
10. Dieldrin	U		mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 18:08	SO22F08B	BDA
11. Endosulfan I	U		mg/L	0.000500	1.0	06/03/22	PS22F03O	06/08/22 18:08	SO22F08B	BDA
12. Endosulfan II	U		mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 18:08	SO22F08B	BDA
13. Endosulfan Sulfate	U		mg/L	0.0000500	1.0	06/03/22	PS22F03O	06/08/22 18:08	SO22F08B	BDA
14. Endrin	U		mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 18:08	SO22F08B	BDA
15. Endrin Aldehyde	U		mg/L	0.0000200	1.0	06/03/22	PS22F03O	06/08/22 18:08	SO22F08B	BDA
16. Heptachlor	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 18:08	SO22F08B	BDA
17. Heptachlor Epoxide	U		mg/L	0.0000100	1.0	06/03/22	PS22F03O	06/08/22 18:08	SO22F08B	BDA
18. Methoxychlor	U		mg/L	0.000500	1.0	06/03/22	PS22F03O	06/08/22 18:08	SO22F08B	BDA
19. Toxaphene	U		mg/L	0.00100	1.0	06/03/22	PS22F03O	06/03/22 19:55	SO22F03A	BDA

Organochlorine Herbicides
Method: EPA 0615

Aliquot ID: A08843-007
Description: Location D
Matrix: Surface Water

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
‡ 1. 2,4-D	U		µg/L	10	5.0	06/09/22	PS22F09I	06/15/22 15:28	SC22F15A	TKT
‡ 2. Dalapon	U		µg/L	10	5.0	06/09/22	PS22F09I	06/15/22 15:28	SC22F15A	TKT
‡ 3. 2,4-DB	U		µg/L	10	5.0	06/09/22	PS22F09I	06/15/22 15:28	SC22F15A	TKT
‡ 4. Dicamba	U		µg/L	1.0	5.0	06/09/22	PS22F09I	06/15/22 15:28	SC22F15A	TKT
‡ 5. Dichlorprop	U		µg/L	10	5.0	06/09/22	PS22F09I	06/15/22 15:28	SC22F15A	TKT
‡ 6. Dinoseb	U	V+	µg/L	5.0	5.0	06/09/22	PS22F09I	06/15/22 15:28	SC22F15A	TKT
‡ 7. 2,4,5-T	U		µg/L	1.0	5.0	06/09/22	PS22F09I	06/15/22 15:28	SC22F15A	TKT
‡ 8. 2,4,5-TP	U		µg/L	1.0	5.0	06/09/22	PS22F09I	06/15/22 15:28	SC22F15A	TKT

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location D	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Surface Water	Collect Time:	09:23

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS
Method: EPA 0624.1

Aliquot ID: A08843-007B
Description: Location D
Matrix: Surface Water

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
1. Acetone	U	L-	mg/L	0.0500	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
2. Acrylonitrile	U		mg/L	0.00200	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
3. Benzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
‡ 4. Bromobenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
‡ 5. Bromochloromethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
6. Bromodichloromethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
7. Bromoform	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
8. Bromomethane	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
9. 2-Butanone	U	V+	mg/L	0.0250	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
‡ 10. n-Butylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
‡ 11. sec-Butylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
‡ 12. tert-Butylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
‡ 13. Carbon Disulfide	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
14. Carbon Tetrachloride	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
15. Chlorobenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
16. Chloroethane	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
17. Chloroform	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
18. Chloromethane	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
‡ 19. 2-Chlorotoluene	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
‡ 20. 1,2-Dibromo-3-chloropropane (SIM)	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
21. Dibromochloromethane	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
‡ 22. Dibromomethane	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
23. 1,2-Dichlorobenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
24. 1,3-Dichlorobenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
25. 1,4-Dichlorobenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
‡ 26. Dichlorodifluoromethane	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
27. 1,1-Dichloroethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
28. 1,2-Dichloroethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
29. 1,1-Dichloroethene	U	V+	mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
30. cis-1,2-Dichloroethene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
31. trans-1,2-Dichloroethene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
32. 1,2-Dichloropropane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
33. cis-1,3-Dichloropropene	U		mg/L	0.000500	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
34. trans-1,3-Dichloropropene	U		mg/L	0.000500	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
35. Ethylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
36. Ethylene Dibromide	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
‡ 37. 2-Hexanone	U		mg/L	0.0500	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location D	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Surface Water	Collect Time:	09:23

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Volatile Organic Compounds (VOCs) by GC/MS
Method: EPA 0624.1

Aliquot ID: A08843-007B **Matrix: Surface Water**
Description: Location D

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
‡ 38. Isopropylbenzene	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
‡ 39. 4-Methyl-2-pentanone	U		mg/L	0.0500	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
40. Methylene Chloride	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
‡ 41. 2-Methylnaphthalene	U	L-*	mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
42. MTBE	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
43. Naphthalene	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
‡ 44. n-Propylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
‡ 45. Styrene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
‡ 46. 1,1,1,2-Tetrachloroethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
47. 1,1,2,2-Tetrachloroethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
48. Tetrachloroethene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
49. Toluene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
‡ 50. 1,2,4-Trichlorobenzene	U		mg/L	0.00500	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
51. 1,1,1-Trichloroethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
52. 1,1,2-Trichloroethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
53. Trichloroethene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
54. Trichlorofluoromethane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
‡ 55. 1,2,3-Trichloropropane	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
‡ 56. 1,2,3-Trimethylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
‡ 57. 1,2,4-Trimethylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
‡ 58. 1,3,5-Trimethylbenzene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
59. Vinyl Chloride	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
60. m&p-Xylene	U		mg/L	0.00200	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
61. o-Xylene	U		mg/L	0.00100	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM
62. Xylenes	U		mg/L	0.00300	1.0	06/13/22	VI22F13A	06/13/22 15:42	VI22F13A	KCM

Base/Neutral/Acid Semivolatiles by GC/MS
Method: EPA 0625.1

Aliquot ID: A08843-007 **Matrix: Surface Water**
Description: Location D

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Acenaphthene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
2. Acenaphthylene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
‡ 3. Aniline	U	V-	µg/L	4.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
4. Anthracene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
‡ 5. Azobenzene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location D	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Surface Water	Collect Time:	09:23

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Base/Neutral/Acid Semivolatiles by GC/MS
Method: EPA 0625.1

Aliquot ID: A08843-007
Description: Location D
Matrix: Surface Water

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
6. Benzo(a)anthracene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
7. Benzo(a)pyrene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
8. Benzo(b)fluoranthene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
9. Benzo(ghi)perylene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
10. Benzo(k)fluoranthene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
‡ 11. Benzyl Alcohol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
12. Bis(2-chloroethoxy)methane	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
13. Bis(2-chloroethyl)ether	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
14. Bis(2-ethylhexyl)phthalate	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
15. 4-Bromophenyl Phenylether	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
16. Butyl Benzyl Phthalate	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
17. Di-n-butyl Phthalate	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
‡ 18. Carbazole	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
19. 4-Chloro-3-methylphenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
20. 2-Chloronaphthalene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
21. 2-Chlorophenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
22. 4-Chlorophenyl Phenylether	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
23. Chrysene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
24. Dibenzo(a,h)anthracene	U		µg/L	2.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
‡ 25. Dibenzofuran	U		µg/L	4.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
26. 2,4-Dichlorophenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
27. Diethyl Phthalate	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
28. 2,4-Dimethylphenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
29. Dimethyl Phthalate	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
30. 2,4-Dinitrophenol	U	*	µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
‡ 31. 2,4-Dinitrotoluene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
‡ 32. 2,6-Dinitrotoluene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
33. Fluoranthene	U		µg/L	1.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
34. Fluorene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
35. Hexachlorobenzene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
36. Hexachlorobutadiene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
37. Hexachlorocyclopentadiene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
38. Hexachloroethane	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
39. Indeno(1,2,3-cd)pyrene	U		µg/L	2.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
‡ 40. Isophorone	U	L+	µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
41. 2-Methyl-4,6-dinitrophenol	U	L+	µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
‡ 42. 2-Methylnaphthalene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location D	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Surface Water	Collect Time:	09:23

Sample Comments:

Definitions: Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.

Base/Neutral/Acid Semivolatiles by GC/MS
Method: EPA 0625.1

Aliquot ID: A08843-007
Description: Location D
Matrix: Surface Water

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
43. 2-Methylphenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
‡ 44. 3&4-Methylphenol	U		µg/L	10	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
45. Naphthalene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
‡ 46. 2-Nitroaniline	U		µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
‡ 47. 3-Nitroaniline	U		µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
‡ 48. 4-Nitroaniline	U		µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
49. Nitrobenzene	U		µg/L	3.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
50. 2-Nitrophenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
51. 4-Nitrophenol	U		µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
52. N-Nitrosodimethylamine	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
53. N-Nitrosodi-n-propylamine	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
54. N-Nitrosodiphenylamine	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
55. Di-n-octyl Phthalate	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
56. 2,2'-Oxybis(1-chloropropane)	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
57. Pentachlorophenol	U		µg/L	20	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
58. Phenanthrene	U		µg/L	2.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
59. Phenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
60. Pyrene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
61. Pyridine	U	*	µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
62. 1,2,4-Trichlorobenzene	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
63. 2,4,5-Trichlorophenol	U		µg/L	5.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD
64. 2,4,6-Trichlorophenol	U		µg/L	4.0	1.0	06/06/22	PS22F06F	06/06/22 18:33	PS22F06A	SJD

Chromium, Hexavalent, Dissolved
Method: SM 3500-Cr B-2011

Aliquot ID: A08843-007A
Description: Location D
Matrix: Surface Water

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Chromium VI	U		mg/L	0.0050	1.0	NA	NA	06/02/22 16:45	2022 4:45:00	MJS

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location D	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	09:30
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Water (Moisture) Content Dried at 105 ± 5°C						Aliquot ID: A08843-008	Matrix: Soil/Solid				
Method: ASTM D2216-10						Description: Location D					
						Preparation		Analysis			
Parameter(s)		Result	Q	Units	Reporting Limit	Dilution	P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. Percent Moisture (Water Content)		21		%	1	1.0	06/03/22	MC220603	06/06/22	MC220603	LJK

Michigan 10 Elements by ICP/MS					Aliquot ID: A08843-008	Matrix: Soil/Solid				
Method: EPA 0200.2/EPA 6020A					Description: Location D					
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
1. Arsenic	3400		µg/kg	100	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
2. Barium	11000		µg/kg	1000	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
3. Cadmium	U		µg/kg	50	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
4. Chromium	4700		µg/kg	500	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
5. Copper	4000		µg/kg	1000	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
6. Lead	2300		µg/kg	1000	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
7. Selenium	U		µg/kg	200	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
8. Silver	U		µg/kg	100	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA
9. Zinc	16000		µg/kg	1000	20	06/08/22	PT22F08C	06/08/22	T422F08A	CJA

Chromium, Hexavalent						Aliquot ID: A08843-008	Matrix: Soil/Solid			
Method: EPA 3060A/EPA 7196A						Description: Location D				
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Chromium VI	U		µg/kg	510	1.0	06/06/22	W322F06A	06/07/22	W322F06A	JLS

Mercury by CVAAS						Aliquot ID: A08843-008	Matrix: Soil/Solid			
Method: EPA 7471B						Description: Location D				
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Mercury	U		µg/kg	50	10	06/07/22	PM22F07D	06/08/22	M722F08A	JLH

Organochlorine Pesticides					Aliquot ID: A08843-008	Matrix: Soil/Solid				
Method: EPA 3546/EPA 8081B					Description: Location D					
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
1. Aldrin	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:40	SO22F08B	TKT
2. alpha-BHC	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:40	SO22F08B	TKT

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Analytical Laboratory Report
Laboratory Project Number: A08843
Laboratory Sample Number: A08843-008

Order: A08843
Date: 06/16/22

Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location D	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	09:30
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Organochlorine Pesticides
Method: EPA 3546/EPA 8081B

Aliquot ID: A08843-008 **Matrix: Soil/Solid**
Description: Location D

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
3. beta-BHC	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:40	SO22F08B	TKT
4. delta-BHC	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:40	SO22F08B	TKT
5. gamma-BHC	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:40	SO22F08B	TKT
6. Chlordane	U		µg/kg	25	5.0	06/08/22	PS22F08B	06/08/22 20:40	SO22F08B	TKT
7. 4,4'-DDD	U	L+	µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:40	SO22F08B	TKT
8. 4,4'-DDE	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:40	SO22F08B	TKT
9. 4,4'-DDT	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:40	SO22F08B	TKT
10. Dieldrin	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:40	SO22F08B	TKT
11. Endosulfan I	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:40	SO22F08B	TKT
12. Endosulfan II	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:40	SO22F08B	TKT
13. Endosulfan Sulfate	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:40	SO22F08B	TKT
14. Endrin	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:40	SO22F08B	TKT
15. Endrin Aldehyde	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:40	SO22F08B	TKT
16. Heptachlor	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:40	SO22F08B	TKT
17. Heptachlor Epoxide	U		µg/kg	20	5.0	06/08/22	PS22F08B	06/08/22 20:40	SO22F08B	TKT
18. Methoxychlor	U		µg/kg	50	5.0	06/08/22	PS22F08B	06/08/22 20:40	SO22F08B	TKT
19. Toxaphene	U		µg/kg	170	5.0	06/08/22	PS22F08B	06/08/22 20:40	SO22F08B	TKT

Polychlorinated Biphenyls (PCBs)
Method: EPA 3546/EPA 8082A

Aliquot ID: A08843-008 **Matrix: Soil/Solid**
Description: Location D

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Aroclor-1016	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 18:04	SF22F08B	TKT
2. Aroclor-1221	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 18:04	SF22F08B	TKT
3. Aroclor-1232	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 18:04	SF22F08B	TKT
4. Aroclor-1242	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 18:04	SF22F08B	TKT
5. Aroclor-1248	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 18:04	SF22F08B	TKT
6. Aroclor-1254	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 18:04	SF22F08B	TKT
7. Aroclor-1260	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 18:04	SF22F08B	TKT
‡ 8. Aroclor-1262	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 18:04	SF22F08B	TKT
‡ 9. Aroclor-1268	U		µg/kg	100	5.0	06/08/22	PS22F08B	06/08/22 18:04	SF22F08B	TKT

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location D	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	09:30
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Organochlorine Herbicides
Method: EPA 8151A

Aliquot ID: A08843-008
Description: Location D
Matrix: Soil/Solid

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
‡ 1. 2,4-D	U		µg/kg	200	10	06/09/22	PS22F08G	06/14/22 04:31	SC22F13A	TKT
‡ 2. Dalapon	U		µg/kg	100	10	06/09/22	PS22F08G	06/14/22 04:31	SC22F13A	TKT
‡ 3. 2,4-DB	U		µg/kg	200	10	06/09/22	PS22F08G	06/14/22 04:31	SC22F13A	TKT
‡ 4. Dicamba	U		µg/kg	100	10	06/09/22	PS22F08G	06/14/22 04:31	SC22F13A	TKT
‡ 5. Dichlorprop	U		µg/kg	200	10	06/09/22	PS22F08G	06/14/22 04:31	SC22F13A	TKT
‡ 6. Dinoseb	U	L-	µg/kg	100	10	06/09/22	PS22F08G	06/14/22 04:31	SC22F13A	TKT
‡ 7. 2,4,5-T	U		µg/kg	200	10	06/09/22	PS22F08G	06/14/22 04:31	SC22F13A	TKT
‡ 8. 2,4,5-TP	U		µg/kg	200	10	06/09/22	PS22F08G	06/14/22 04:31	SC22F13A	TKT

Volatile Organic Compounds (VOCs) by GC/MS, 5035
Method: EPA 5035A/EPA 8260D

Aliquot ID: A08843-008A
Description: Location D
Matrix: Soil/Solid

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
1. Acetone	U	V+	µg/kg	1000	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
‡ 2. Acrylonitrile	U		µg/kg	150	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
3. Benzene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
4. Bromobenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
5. Bromochloromethane	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
6. Bromodichloromethane	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
7. Bromoform	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
8. Bromomethane	U		µg/kg	200	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
9. 2-Butanone	U	V+ L+	µg/kg	750	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
10. n-Butylbenzene	U		µg/kg	77	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
11. sec-Butylbenzene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
12. tert-Butylbenzene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
13. Carbon Disulfide	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
14. Carbon Tetrachloride	U		µg/kg	77	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
15. Chlorobenzene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
16. Chloroethane	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
17. Chloroform	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
18. Chloromethane	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
19. 2-Chlorotoluene	U		µg/kg	77	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
‡ 20. 1,2-Dibromo-3-chloropropane (SIM)	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
21. Dibromochloromethane	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
22. Dibromomethane	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM

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Analytical Laboratory Report
Laboratory Project Number: A08843
Laboratory Sample Number: A08843-008

Order: A08843
Date: 06/16/22

Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location D	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	09:30
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Volatile Organic Compounds (VOCs) by GC/MS, 5035
Method: EPA 5035A/EPA 8260D

Aliquot ID: A08843-008A **Matrix: Soil/Solid**
Description: Location D

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		
						P. Date	P. Batch	A. Date	A. Batch	Init.
23. 1,2-Dichlorobenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
24. 1,3-Dichlorobenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
25. 1,4-Dichlorobenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
26. Dichlorodifluoromethane	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
27. 1,1-Dichloroethane	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
28. 1,2-Dichloroethane	U		µg/kg	77	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
29. 1,1-Dichloroethene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
30. cis-1,2-Dichloroethene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
31. trans-1,2-Dichloroethene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
32. 1,2-Dichloropropane	U		µg/kg	77	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
33. cis-1,3-Dichloropropene	U		µg/kg	77	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
34. trans-1,3-Dichloropropene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
35. Ethylbenzene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
36. Ethylene Dibromide	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
37. 2-Hexanone	U	V+ L+	µg/kg	2500	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
38. Isopropylbenzene	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
39. 4-Methyl-2-pentanone	U		µg/kg	2500	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
40. Methylene Chloride	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
‡ 41. 2-Methylnaphthalene	U		µg/kg	330	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
42. MTBE	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
43. Naphthalene	U		µg/kg	330	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
44. n-Propylbenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
45. Styrene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
46. 1,1,1,2-Tetrachloroethane	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
47. 1,1,2,2-Tetrachloroethane	U		µg/kg	77	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
48. Tetrachloroethene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
49. Toluene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
50. 1,2,4-Trichlorobenzene	U		µg/kg	250	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
51. 1,1,1-Trichloroethane	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
52. 1,1,2-Trichloroethane	U		µg/kg	77	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
53. Trichloroethene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
54. Trichlorofluoromethane	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
55. 1,2,3-Trichloropropane	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
‡ 56. 1,2,3-Trimethylbenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
57. 1,2,4-Trimethylbenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
58. 1,3,5-Trimethylbenzene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM

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F: (231) 775-8584

Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location D	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	09:30
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Volatile Organic Compounds (VOCs) by GC/MS, 5035
Method: EPA 5035A/EPA 8260D

Aliquot ID: A08843-008A **Matrix: Soil/Solid**
Description: Location D

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
59. Vinyl Chloride	U		µg/kg	40	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
60. m&p-Xylene	U		µg/kg	100	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
61. o-Xylene	U		µg/kg	50	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM
‡ 62. Xylenes	U		µg/kg	150	1.0	06/03/22	VP22F03A	06/03/22 19:05	VP22F03A	KCM

Base/Neutral/Acid Semivolatiles by GC/MS
Method: EPA 3550C/EPA 8270E

Aliquot ID: A08843-008 **Matrix: Soil/Solid**
Description: Location D

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
1. Acenaphthene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS
2. Acenaphthylene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS
3. Aniline	U	V-Y1	µg/kg	1100	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS
4. Anthracene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS
‡ 5. Azobenzene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS
6. Benzo(a)anthracene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS
7. Benzo(a)pyrene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS
8. Benzo(b)fluoranthene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS
9. Benzo(ghi)perylene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS
10. Benzo(k)fluoranthene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS
11. Benzyl Alcohol	U		µg/kg	3300	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS
12. Bis(2-chloroethoxy)methane	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS
13. Bis(2-chloroethyl)ether	U		µg/kg	210	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS
14. Bis(2-ethylhexyl)phthalate	U	Y1	µg/kg	1100	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS
15. 4-Bromophenyl Phenylether	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS
16. Butyl Benzyl Phthalate	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS
17. Di-n-butyl Phthalate	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS
‡ 18. Carbazole	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS
19. 4-Chloro-3-methylphenol	U		µg/kg	280	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS
20. 2-Chloronaphthalene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS
21. 2-Chlorophenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS
22. 4-Chlorophenyl Phenylether	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS
23. Chrysene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS
24. Dibenzo(a,h)anthracene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS
25. Dibenzofuran	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS
26. 2,4-Dichlorophenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS

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F: (231) 775-8584

Analytical Laboratory Report
Laboratory Project Number: A08843
Laboratory Sample Number: A08843-008

Order: A08843
Date: 06/16/22

Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location D	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	09:30
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Base/Neutral/Acid Semivolatiles by GC/MS						Aliquot ID:	A08843-008	Matrix: Soil/Solid			
Method: EPA 3550C/EPA 8270E						Description: Location D					
Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis			
						P. Date	P. Batch	A. Date	A. Batch	Init.	
27. Diethyl Phthalate	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
28. 2,4-Dimethylphenol	U	Y1	µg/kg	1100	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
29. Dimethyl Phthalate	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
30. 2,4-Dinitrophenol	U		µg/kg	2100	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
‡ 31. 2,4-Dinitrotoluene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
‡ 32. 2,6-Dinitrotoluene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
33. Fluoranthene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
34. Fluorene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
35. Hexachlorobenzene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
36. Hexachlorobutadiene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
37. Hexachlorocyclopentadiene	U		µg/kg	1100	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
38. Hexachloroethane	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
39. Indeno(1,2,3-cd)pyrene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
‡ 40. Isophorone	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
41. 2-Methyl-4,6-dinitrophenol	U	Y1	µg/kg	4200	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
42. 2-Methylnaphthalene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
43. 2-Methylphenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
‡ 44. 3&4-Methylphenol	U		µg/kg	660	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
45. Naphthalene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
46. 2-Nitroaniline	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
47. 3-Nitroaniline	U		µg/kg	830	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
48. 4-Nitroaniline	U		µg/kg	830	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
49. Nitrobenzene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
50. 2-Nitrophenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
51. 4-Nitrophenol	U	Y1	µg/kg	1100	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
52. N-Nitrosodimethylamine	U	L-Y1	µg/kg	1100	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
53. N-Nitrosodi-n-propylamine	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
54. N-Nitrosodiphenylamine	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
55. Di-n-octyl Phthalate	U	Y1	µg/kg	1100	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
56. 2,2'-Oxybis(1-chloropropane)	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
57. Pentachlorophenol	U	Y1	µg/kg	1100	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
58. Phenanthrene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
59. Phenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
60. Pyrene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	
61. Pyridine	U	L-Y1	µg/kg	1100	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS	

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Client Identification:	AKT Peerless Environ. Svcs, Inc. - Farm. Hills	Sample Description:	Location D	Chain of Custody:	203110
Client Project Name:	Galloway Creek (13038f-3-20)	Sample No:		Collect Date:	06/02/22
Client Project No:	13038f-3-20	Sample Matrix:	Soil/Solid	Collect Time:	09:30
Sample Comments:	Soil results have been calculated and reported on a dry weight basis unless otherwise noted.				
Definitions:	Q: Qualifier (see definitions at end of report) NA: Not Applicable ‡: Parameter not included in NELAC Scope of Analysis.				

Base/Neutral/Acid Semivolatiles by GC/MS
Method: EPA 3550C/EPA 8270E

Aliquot ID: A08843-008 **Matrix: Soil/Solid**
Description: Location D

Parameter(s)	Result	Q	Units	Reporting Limit	Dilution	Preparation		Analysis		Init.
						P. Date	P. Batch	A. Date	A. Batch	
‡ 62. 1,2,4-Trichlorobenzene	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS
63. 2,4,5-Trichlorophenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS
64. 2,4,6-Trichlorophenol	U		µg/kg	330	5.0	06/03/22	PS22F03N	06/04/22 09:07	SN22F03B	ALS

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Definitions/ Qualifiers:

- A:** Spike recovery or precision unusable due to dilution.
B: The analyte was detected in the associated method blank.
E: The analyte was detected at a concentration greater than the calibration range, therefore the result is estimated.
J: The concentration is an estimated value.
M: Modified Method
U: The analyte was not detected at or above the reporting limit.
X: Matrix Interference has resulted in a raised reporting limit or distorted result.
W: Results reported on a wet-weight basis.
***:** Value reported is outside QC limits

Exception Summary:

- *** : Duplicate analysis not within control limits.
F+ : Recovery from the spiked aliquot exceeds the upper control limit (matrix spike or matrix spike duplicate).
L- : Recovery in the associated laboratory sample (LCS) exceeds the lower control limit. Results may be biased low.
L+ : Recovery in the associated laboratory sample (LCS) exceeds the upper control limit. Results may be biased high.
V- : Recovery in the associated continuing calibration verification sample (CCV) exceeds the lower control limit. Results may be biased low.
V+ : Recovery in the associated continuing calibration verification sample (CCV) exceeds the upper control limit. Results may be biased high.
Y1 : Sample was diluted due to a sample matrix issue.

Analysis Locations:

All analyses performed in Holt.



Accreditation Number(s):

T104704518-19-8 (TX)

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Trace Analytical Laboratories, Inc.
2241 Black Creek Road
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April 07, 2022

Mr. Jacob Sutherland
Fibertec Environmental Services
1914 Holloway Drive
Holt, MI 48842

RE: Trace Project 22D0108
Client Project A07646

Dear Mr. Sutherland:

Enclosed are your analytical results. The results of this report relate only to the samples listed in the body of this report.

All reports were examined through Trace's validation process to ensure that requirements for quality and completeness were satisfied. All reported analytical results were obtained in accordance with the methods referenced on the reports. Every practical effort was made to meet the reporting limit specifications for this work, however, some results may have raised reporting limits to correct for percent solids.

For clients that require NELAP Accreditation, Trace certifies that these test results meet all requirements of the NELAP Standard, except for those analytes with a "N" notation. These analytes have not been evaluated by NELAP at Trace's discretion and will not be reported unless requested by client.

If you have questions concerning this report, please contact me at 231.773.5998 or by email at jmink@trace-labs.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Jon Mink".

Jon Mink
Senior Project Manager
Enclosures



NJDEP Accreditation No. MI008

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SAMPLE SUMMARY

Trace Project ID: 22D0108
Client Project ID: A07646

Trace ID	Sample ID	Matrix	Collected By	Date Collected	Date Received
22D0108-01	Location A	Ground Water	Client	03/25/22 13:04	04/05/22 13:12
22D0108-02	Location B	Ground Water	Client	03/25/22 11:33	04/05/22 13:12
22D0108-03	Location C	Ground Water	Client	03/25/22 10:24	04/05/22 13:12
22D0108-04	Location D	Ground Water	Client	03/25/22 09:32	04/05/22 13:12

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AN EXPLANATION OF TERMS AND SYMBOLS WHICH MAY OCCUR IN THIS REPORT

DEFINITIONS

LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
DUP	Matrix Duplicate
RDL	Reporting Detection Limit
MCL	Maximum Contamination Limit
TIC	Tentatively Identified Compound
<, ND or U	Indicates the compound was analyzed for but not detected
*	Indicates a result that exceeds its associated MCL or Surrogate control limits
N	Indicates that the laboratory is not accredited by NELAP for this compound
NA	Indicates that the compound is not available.

NOTE: Samples for volatiles that have been extracted with a water miscible solvent were corrected for the total volume of the solvent/water mixture.
Solid matrices Method Blanks are at 100% solids as such results are the same wet or dry.

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ANALYTICAL RESULTS

Trace Project ID: 22D0108

Client Project ID: A07646

Trace ID: 22D0108-01

Matrix: Ground Water

Date Collected: 03/25/22 13:04

Sample ID: Location A

Date Received: 04/05/22 13:12

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS									
Analysis Method: EPA 8260D									
<i>Batch: T121490</i>									
Dichlorodifluoromethane	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
Chloromethane	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
Vinyl chloride	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Bromomethane	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
Chloroethane	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
Trichlorofluoromethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Acrolein	<20 ug/L	20	1	04/05/22	nw	04/06/22	nw		
Diethyl ether	<10 ug/L	10	1	04/05/22	nw	04/06/22	nw	N	
Tert-butyl alcohol	<50 ug/L	50	1	04/05/22	nw	04/06/22	nw	N	
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,1-Dichloroethene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Acetone	<50 ug/L	50	1	04/05/22	nw	04/06/22	nw		
Iodomethane	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw	N	
Carbon disulfide	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
Methyl-tert-butyl ether	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
Hexane	<10 ug/L	10	1	04/05/22	nw	04/06/22	nw	N	
Methylene chloride	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
Acrylonitrile	<2.0 ug/L	2.0	1	04/05/22	nw	04/06/22	nw		
trans-1,2-Dichloroethene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,1-Dichloroethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Vinyl acetate	<100 ug/L	100	1	04/05/22	nw	04/06/22	nw		
Diisopropyl Ether	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw	N	
2-Butanone	<25 ug/L	25	1	04/05/22	nw	04/06/22	nw		
cis-1,2-Dichloroethene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Acetonitrile	<100 ug/L	100	1	04/05/22	nw	04/06/22	nw	N	
t-Butyl Ethyl Ether	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw	N	
2,2-Dichloropropane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Bromochloromethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Tetrahydrofuran	<90 ug/L	90	1	04/05/22	nw	04/06/22	nw	N	
Chloroform	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,1,1-Trichloroethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,1-Dichloropropene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw	N	

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ANALYTICAL RESULTS

Trace Project ID: 22D0108

Client Project ID: A07646

Trace ID: 22D0108-01

Matrix: Ground Water

Date Collected: 03/25/22 13:04

Sample ID: Location A

Date Received: 04/05/22 13:12

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS									
Carbon tetrachloride	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Benzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
t-Amyl Methyl Ether	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw	N	
1,2-Dichloroethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
n-Heptane	<10 ug/L	10	1	04/05/22	nw	04/06/22	nw	N	
Cyclohexane	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw	N	
Trichloroethene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,2-Dichloropropane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Dibromomethane	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
Bromodichloromethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
2-Chloroethylvinyl ether	<10 ug/L	10	1	04/05/22	nw	04/06/22	nw		
cis-1,3-Dichloropropene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
4-Methyl-2-pentanone	<50 ug/L	50	1	04/05/22	nw	04/06/22	nw		
n-Butyl Acetate	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw	N	
Toluene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
trans-1,3-Dichloropropene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,1,2-Trichloroethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,3-Dichloropropane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw	N	
Tetrachloroethene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
2-Hexanone	<50 ug/L	50	1	04/05/22	nw	04/06/22	nw		
Dibromochloromethane	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
1,2-Dibromoethane (EDB)	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Chlorobenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,1,1,2-Tetrachloroethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Ethylbenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
m,p-Xylene	<2.0 ug/L	2.0	1	04/05/22	nw	04/06/22	nw	N	
o-Xylene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw	N	
Xylenes, total	<3.0 ug/L	3.0	1	04/05/22	nw	04/06/22	nw		
Styrene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Bromoform	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Isopropylbenzene	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
1,1,2,2-Tetrachloroethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,2,3-Trichloropropane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		

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ANALYTICAL RESULTS

Trace Project ID: 22D0108

Client Project ID: A07646

Trace ID: 22D0108-01

Matrix: Ground Water

Date Collected: 03/25/22 13:04

Sample ID: Location A

Date Received: 04/05/22 13:12

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS									
trans-1,4-Dichloro-2-butene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Bromobenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
n-Propylbenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
2-Chlorotoluene	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
1,3,5-Trimethylbenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
4-Chlorotoluene	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
t-Butyl Benzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,2,4-Trimethylbenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
sec-Butylbenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
p-Isopropyltoluene	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
1,3-Dichlorobenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,4-Dichlorobenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
n-Butylbenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,2,3-Trimethylbenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,2-Dichlorobenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,2-Dibromo-3-chloropropane	<2.0 ug/L	2.0	1	04/05/22	nw	04/06/22	nw		
Hexachloroethane	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw	N	
1,2,4-Trichlorobenzene	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
Hexachlorobutadiene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw	N	
Naphthalene	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
1,2,3-Trichlorobenzene	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
2-Methylnaphthalene	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw	N	
Surrogates:									
1,2-Dichloroethane-d4	92 %	68-133	1	04/05/22	nw	04/06/22	nw		
Toluene-d8	107 %	75-120	1	04/05/22	nw	04/06/22	nw		
4-Bromofluorobenzene	104 %	69-119	1	04/05/22	nw	04/06/22	nw		
1,2-Dichlorobenzene-d4	101 %	72-127	1	04/05/22	nw	04/06/22	nw		

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ANALYTICAL RESULTS

Trace Project ID: 22D0108

Client Project ID: A07646

Trace ID: 22D0108-02

Matrix: Ground Water

Date Collected: 03/25/22 11:33

Sample ID: Location B

Date Received: 04/05/22 13:12

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS									
Analysis Method: EPA 8260D									
<i>Batch: T121490</i>									
Dichlorodifluoromethane	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
Chloromethane	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
Vinyl chloride	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Bromomethane	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
Chloroethane	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
Trichlorofluoromethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Acrolein	<20 ug/L	20	1	04/05/22	nw	04/06/22	nw		
Diethyl ether	<10 ug/L	10	1	04/05/22	nw	04/06/22	nw	N	
Tert-butyl alcohol	<50 ug/L	50	1	04/05/22	nw	04/06/22	nw	N	
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,1-Dichloroethene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Acetone	<50 ug/L	50	1	04/05/22	nw	04/06/22	nw		
Iodomethane	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw	N	
Carbon disulfide	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
Methyl-tert-butyl ether	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
Hexane	<10 ug/L	10	1	04/05/22	nw	04/06/22	nw	N	
Methylene chloride	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
Acrylonitrile	<2.0 ug/L	2.0	1	04/05/22	nw	04/06/22	nw		
trans-1,2-Dichloroethene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,1-Dichloroethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Vinyl acetate	<100 ug/L	100	1	04/05/22	nw	04/06/22	nw		
Diisopropyl Ether	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw	N	
2-Butanone	<25 ug/L	25	1	04/05/22	nw	04/06/22	nw		
cis-1,2-Dichloroethene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Acetonitrile	<100 ug/L	100	1	04/05/22	nw	04/06/22	nw	N	
t-Butyl Ethyl Ether	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw	N	
2,2-Dichloropropane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Bromochloromethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Tetrahydrofuran	<90 ug/L	90	1	04/05/22	nw	04/06/22	nw	N	
Chloroform	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,1,1-Trichloroethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,1-Dichloropropene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw	N	

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ANALYTICAL RESULTS

Trace Project ID: 22D0108

Client Project ID: A07646

Trace ID: 22D0108-02

Matrix: Ground Water

Date Collected: 03/25/22 11:33

Sample ID: Location B

Date Received: 04/05/22 13:12

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS									
Carbon tetrachloride	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Benzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
t-Amyl Methyl Ether	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw	N	
1,2-Dichloroethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
n-Heptane	<10 ug/L	10	1	04/05/22	nw	04/06/22	nw	N	
Cyclohexane	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw	N	
Trichloroethene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,2-Dichloropropane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Dibromomethane	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
Bromodichloromethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
2-Chloroethylvinyl ether	<10 ug/L	10	1	04/05/22	nw	04/06/22	nw		
cis-1,3-Dichloropropene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
4-Methyl-2-pentanone	<50 ug/L	50	1	04/05/22	nw	04/06/22	nw		
n-Butyl Acetate	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw	N	
Toluene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
trans-1,3-Dichloropropene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,1,2-Trichloroethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,3-Dichloropropane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw	N	
Tetrachloroethene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
2-Hexanone	<50 ug/L	50	1	04/05/22	nw	04/06/22	nw		
Dibromochloromethane	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
1,2-Dibromoethane (EDB)	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Chlorobenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,1,1,2-Tetrachloroethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Ethylbenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
m,p-Xylene	<2.0 ug/L	2.0	1	04/05/22	nw	04/06/22	nw	N	
o-Xylene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw	N	
Xylenes, total	<3.0 ug/L	3.0	1	04/05/22	nw	04/06/22	nw		
Styrene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Bromoform	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Isopropylbenzene	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
1,1,2,2-Tetrachloroethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,2,3-Trichloropropane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		

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ANALYTICAL RESULTS

Trace Project ID: 22D0108

Client Project ID: A07646

Trace ID: 22D0108-02

Matrix: Ground Water

Date Collected: 03/25/22 11:33

Sample ID: Location B

Date Received: 04/05/22 13:12

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS									
trans-1,4-Dichloro-2-butene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Bromobenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
n-Propylbenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
2-Chlorotoluene	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
1,3,5-Trimethylbenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
4-Chlorotoluene	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
t-Butyl Benzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,2,4-Trimethylbenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
sec-Butylbenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
p-Isopropyltoluene	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
1,3-Dichlorobenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,4-Dichlorobenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
n-Butylbenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,2,3-Trimethylbenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,2-Dichlorobenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,2-Dibromo-3-chloropropane	<2.0 ug/L	2.0	1	04/05/22	nw	04/06/22	nw		
Hexachloroethane	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw	N	
1,2,4-Trichlorobenzene	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
Hexachlorobutadiene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw	N	
Naphthalene	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
1,2,3-Trichlorobenzene	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
2-Methylnaphthalene	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw	N	
Surrogates:									
1,2-Dichloroethane-d4	91 %	68-133	1	04/05/22	nw	04/06/22	nw		
Toluene-d8	106 %	75-120	1	04/05/22	nw	04/06/22	nw		
4-Bromofluorobenzene	103 %	69-119	1	04/05/22	nw	04/06/22	nw		
1,2-Dichlorobenzene-d4	101 %	72-127	1	04/05/22	nw	04/06/22	nw		

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ANALYTICAL RESULTS

Trace Project ID: 22D0108

Client Project ID: A07646

Trace ID: 22D0108-03

Matrix: Ground Water

Date Collected: 03/25/22 10:24

Sample ID: Location C

Date Received: 04/05/22 13:12

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS									
Analysis Method: EPA 8260D									
<i>Batch: T121492</i>									
Dichlorodifluoromethane	<5.0 ug/L	5.0	1	04/06/22	nw	04/07/22	nw		
Chloromethane	<5.0 ug/L	5.0	1	04/06/22	nw	04/07/22	nw		
Vinyl chloride	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
Bromomethane	<5.0 ug/L	5.0	1	04/06/22	nw	04/07/22	nw		
Chloroethane	<5.0 ug/L	5.0	1	04/06/22	nw	04/07/22	nw		
Trichlorofluoromethane	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
Acrolein	<20 ug/L	20	1	04/06/22	nw	04/07/22	nw		
Diethyl ether	<10 ug/L	10	1	04/06/22	nw	04/07/22	nw	N	
Tert-butyl alcohol	<50 ug/L	50	1	04/06/22	nw	04/07/22	nw	N	
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
1,1-Dichloroethene	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
Acetone	<50 ug/L	50	1	04/06/22	nw	04/07/22	nw		
Iodomethane	<5.0 ug/L	5.0	1	04/06/22	nw	04/07/22	nw	N	
Carbon disulfide	<5.0 ug/L	5.0	1	04/06/22	nw	04/07/22	nw		
Methyl-tert-butyl ether	<5.0 ug/L	5.0	1	04/06/22	nw	04/07/22	nw		
Hexane	<10 ug/L	10	1	04/06/22	nw	04/07/22	nw	N	
Methylene chloride	<5.0 ug/L	5.0	1	04/06/22	nw	04/07/22	nw		
Acrylonitrile	<2.0 ug/L	2.0	1	04/06/22	nw	04/07/22	nw		
trans-1,2-Dichloroethene	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
1,1-Dichloroethane	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
Vinyl acetate	<100 ug/L	100	1	04/06/22	nw	04/07/22	nw		
Diisopropyl Ether	<5.0 ug/L	5.0	1	04/06/22	nw	04/07/22	nw	N	
2-Butanone	<25 ug/L	25	1	04/06/22	nw	04/07/22	nw		
cis-1,2-Dichloroethene	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
Acetonitrile	<100 ug/L	100	1	04/06/22	nw	04/07/22	nw	N	
t-Butyl Ethyl Ether	<5.0 ug/L	5.0	1	04/06/22	nw	04/07/22	nw	N	
2,2-Dichloropropane	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
Bromochloromethane	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
Tetrahydrofuran	<90 ug/L	90	1	04/06/22	nw	04/07/22	nw	N	
Chloroform	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
1,1,1-Trichloroethane	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
1,1-Dichloropropene	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw	N	

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ANALYTICAL RESULTS

Trace Project ID: 22D0108

Client Project ID: A07646

Trace ID: 22D0108-03

Matrix: Ground Water

Date Collected: 03/25/22 10:24

Sample ID: Location C

Date Received: 04/05/22 13:12

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS									
Carbon tetrachloride	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
Benzene	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
t-Amyl Methyl Ether	<5.0 ug/L	5.0	1	04/06/22	nw	04/07/22	nw	N	
1,2-Dichloroethane	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
n-Heptane	<10 ug/L	10	1	04/06/22	nw	04/07/22	nw	N	
Cyclohexane	<5.0 ug/L	5.0	1	04/06/22	nw	04/07/22	nw	N	
Trichloroethene	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
1,2-Dichloropropane	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
Dibromomethane	<5.0 ug/L	5.0	1	04/06/22	nw	04/07/22	nw		
Bromodichloromethane	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
2-Chloroethylvinyl ether	<10 ug/L	10	1	04/06/22	nw	04/07/22	nw		
cis-1,3-Dichloropropene	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
4-Methyl-2-pentanone	<50 ug/L	50	1	04/06/22	nw	04/07/22	nw		
n-Butyl Acetate	<5.0 ug/L	5.0	1	04/06/22	nw	04/07/22	nw	N	
Toluene	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
trans-1,3-Dichloropropene	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
1,1,2-Trichloroethane	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
1,3-Dichloropropane	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw	N	
Tetrachloroethene	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
2-Hexanone	<50 ug/L	50	1	04/06/22	nw	04/07/22	nw		
Dibromochloromethane	<5.0 ug/L	5.0	1	04/06/22	nw	04/07/22	nw		
1,2-Dibromoethane (EDB)	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
Chlorobenzene	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
1,1,1,2-Tetrachloroethane	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
Ethylbenzene	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
m,p-Xylene	<2.0 ug/L	2.0	1	04/06/22	nw	04/07/22	nw	N	
o-Xylene	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw	N	
Xylenes, total	<3.0 ug/L	3.0	1	04/06/22	nw	04/07/22	nw		
Styrene	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
Bromoform	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
Isopropylbenzene	<5.0 ug/L	5.0	1	04/06/22	nw	04/07/22	nw		
1,1,2,2-Tetrachloroethane	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
1,2,3-Trichloropropane	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		

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ANALYTICAL RESULTS

Trace Project ID: 22D0108

Client Project ID: A07646

Trace ID: 22D0108-03

Matrix: Ground Water

Date Collected: 03/25/22 10:24

Sample ID: Location C

Date Received: 04/05/22 13:12

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS									
trans-1,4-Dichloro-2-butene	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
Bromobenzene	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
n-Propylbenzene	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
2-Chlorotoluene	<5.0 ug/L	5.0	1	04/06/22	nw	04/07/22	nw		
1,3,5-Trimethylbenzene	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
4-Chlorotoluene	<5.0 ug/L	5.0	1	04/06/22	nw	04/07/22	nw		
t-Butyl Benzene	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
1,2,4-Trimethylbenzene	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
sec-Butylbenzene	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
p-Isopropyltoluene	<5.0 ug/L	5.0	1	04/06/22	nw	04/07/22	nw		
1,3-Dichlorobenzene	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
1,4-Dichlorobenzene	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
n-Butylbenzene	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
1,2,3-Trimethylbenzene	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
1,2-Dichlorobenzene	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw		
1,2-Dibromo-3-chloropropane	<2.0 ug/L	2.0	1	04/06/22	nw	04/07/22	nw		
Hexachloroethane	<5.0 ug/L	5.0	1	04/06/22	nw	04/07/22	nw	N	
1,2,4-Trichlorobenzene	<5.0 ug/L	5.0	1	04/06/22	nw	04/07/22	nw		
Hexachlorobutadiene	<1.0 ug/L	1.0	1	04/06/22	nw	04/07/22	nw	N	
Naphthalene	<5.0 ug/L	5.0	1	04/06/22	nw	04/07/22	nw		
1,2,3-Trichlorobenzene	<5.0 ug/L	5.0	1	04/06/22	nw	04/07/22	nw		
2-Methylnaphthalene	<5.0 ug/L	5.0	1	04/06/22	nw	04/07/22	nw	N	
Surrogates:									
1,2-Dichloroethane-d4	91 %	68-133	1	04/06/22	nw	04/07/22	nw		
Toluene-d8	106 %	75-120	1	04/06/22	nw	04/07/22	nw		
4-Bromofluorobenzene	103 %	69-119	1	04/06/22	nw	04/07/22	nw		
1,2-Dichlorobenzene-d4	102 %	72-127	1	04/06/22	nw	04/07/22	nw		

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ANALYTICAL RESULTS

Trace Project ID: 22D0108

Client Project ID: A07646

Trace ID: 22D0108-04

Matrix: Ground Water

Date Collected: 03/25/22 09:32

Sample ID: Location D

Date Received: 04/05/22 13:12

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS									
Analysis Method: EPA 8260D									
<i>Batch: T121490</i>									
Dichlorodifluoromethane	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
Chloromethane	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
Vinyl chloride	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Bromomethane	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
Chloroethane	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
Trichlorofluoromethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Acrolein	<20 ug/L	20	1	04/05/22	nw	04/06/22	nw		
Diethyl ether	<10 ug/L	10	1	04/05/22	nw	04/06/22	nw	N	
Tert-butyl alcohol	<50 ug/L	50	1	04/05/22	nw	04/06/22	nw	N	
1,1,2-Trichloro-1,2,2-trifluoroethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,1-Dichloroethene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Acetone	<50 ug/L	50	1	04/05/22	nw	04/06/22	nw		
Iodomethane	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw	N	
Carbon disulfide	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
Methyl-tert-butyl ether	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
Hexane	<10 ug/L	10	1	04/05/22	nw	04/06/22	nw	N	
Methylene chloride	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
Acrylonitrile	<2.0 ug/L	2.0	1	04/05/22	nw	04/06/22	nw		
trans-1,2-Dichloroethene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,1-Dichloroethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Vinyl acetate	<100 ug/L	100	1	04/05/22	nw	04/06/22	nw		
Diisopropyl Ether	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw	N	
2-Butanone	<25 ug/L	25	1	04/05/22	nw	04/06/22	nw		
cis-1,2-Dichloroethene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Acetonitrile	<100 ug/L	100	1	04/05/22	nw	04/06/22	nw	N	
t-Butyl Ethyl Ether	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw	N	
2,2-Dichloropropane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Bromochloromethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Tetrahydrofuran	<90 ug/L	90	1	04/05/22	nw	04/06/22	nw	N	
Chloroform	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,1,1-Trichloroethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,1-Dichloropropene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw	N	

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ANALYTICAL RESULTS

Trace Project ID: 22D0108

Client Project ID: A07646

Trace ID: 22D0108-04

Matrix: Ground Water

Date Collected: 03/25/22 09:32

Sample ID: Location D

Date Received: 04/05/22 13:12

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS									
Carbon tetrachloride	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Benzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
t-Amyl Methyl Ether	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw	N	
1,2-Dichloroethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
n-Heptane	<10 ug/L	10	1	04/05/22	nw	04/06/22	nw	N	
Cyclohexane	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw	N	
Trichloroethene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,2-Dichloropropane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Dibromomethane	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
Bromodichloromethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
2-Chloroethylvinyl ether	<10 ug/L	10	1	04/05/22	nw	04/06/22	nw		
cis-1,3-Dichloropropene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
4-Methyl-2-pentanone	<50 ug/L	50	1	04/05/22	nw	04/06/22	nw		
n-Butyl Acetate	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw	N	
Toluene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
trans-1,3-Dichloropropene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,1,2-Trichloroethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,3-Dichloropropane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw	N	
Tetrachloroethene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
2-Hexanone	<50 ug/L	50	1	04/05/22	nw	04/06/22	nw		
Dibromochloromethane	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
1,2-Dibromoethane (EDB)	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Chlorobenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,1,1,2-Tetrachloroethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Ethylbenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
m,p-Xylene	<2.0 ug/L	2.0	1	04/05/22	nw	04/06/22	nw	N	
o-Xylene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw	N	
Xylenes, total	<3.0 ug/L	3.0	1	04/05/22	nw	04/06/22	nw		
Styrene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Bromoform	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Isopropylbenzene	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
1,1,2,2-Tetrachloroethane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,2,3-Trichloropropane	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		

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ANALYTICAL RESULTS

Trace Project ID: 22D0108

Client Project ID: A07646

Trace ID: 22D0108-04

Matrix: Ground Water

Date Collected: 03/25/22 09:32

Sample ID: Location D

Date Received: 04/05/22 13:12

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
VOLATILE ORGANIC COMPOUNDS BY GC-MS									
trans-1,4-Dichloro-2-butene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
Bromobenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
n-Propylbenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
2-Chlorotoluene	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
1,3,5-Trimethylbenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
4-Chlorotoluene	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
t-Butyl Benzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,2,4-Trimethylbenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
sec-Butylbenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
p-Isopropyltoluene	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
1,3-Dichlorobenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,4-Dichlorobenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
n-Butylbenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,2,3-Trimethylbenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,2-Dichlorobenzene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw		
1,2-Dibromo-3-chloropropane	<2.0 ug/L	2.0	1	04/05/22	nw	04/06/22	nw		
Hexachloroethane	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw	N	
1,2,4-Trichlorobenzene	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
Hexachlorobutadiene	<1.0 ug/L	1.0	1	04/05/22	nw	04/06/22	nw	N	
Naphthalene	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
1,2,3-Trichlorobenzene	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw		
2-Methylnaphthalene	<5.0 ug/L	5.0	1	04/05/22	nw	04/06/22	nw	N	
Surrogates:									
1,2-Dichloroethane-d4	92 %	68-133	1	04/05/22	nw	04/06/22	nw		
Toluene-d8	105 %	75-120	1	04/05/22	nw	04/06/22	nw		
4-Bromofluorobenzene	103 %	69-119	1	04/05/22	nw	04/06/22	nw		
1,2-Dichlorobenzene-d4	101 %	72-127	1	04/05/22	nw	04/06/22	nw		

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QUALITY CONTROL RESULTS

Trace Project ID: 22D0108

Client Project ID: A07646

QC Batch: T121490

Analysis Description: Volatiles, Full Scan

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous
Samples

Analysis Method: EPA 8260D

METHOD BLANK: T121490-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Dichlorodifluoromethane	ug/L	<5.0	5.0	
Chloromethane	ug/L	<5.0	5.0	
Vinyl chloride	ug/L	<1.0	1.0	
Bromomethane	ug/L	<5.0	5.0	
Chloroethane	ug/L	<5.0	5.0	
Trichlorofluoromethane	ug/L	<1.0	1.0	
Acrolein	ug/L	<20	20	
Diethyl ether	ug/L	<10	10	
Tert-butyl alcohol	ug/L	<50	50	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	<1.0	1.0	
1,1-Dichloroethene	ug/L	<1.0	1.0	
Acetone	ug/L	<50	50	
Iodomethane	ug/L	<5.0	5.0	
Carbon disulfide	ug/L	<5.0	5.0	
Methyl-tert-butyl ether	ug/L	<5.0	5.0	
Hexane	ug/L	<10	10	
Methylene chloride	ug/L	<5.0	5.0	
Acrylonitrile	ug/L	<2.0	2.0	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	
1,1-Dichloroethane	ug/L	<1.0	1.0	
Vinyl acetate	ug/L	<100	100	
Diisopropyl Ether	ug/L	<5.0	5.0	
2-Butanone	ug/L	<25	25	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	
Acetonitrile	ug/L	<100	100	
t-Butyl Ethyl Ether	ug/L	<5.0	5.0	
2,2-Dichloropropane	ug/L	<1.0	1.0	
Bromochloromethane	ug/L	<1.0	1.0	
Tetrahydrofuran	ug/L	<90	90	
Chloroform	ug/L	<1.0	1.0	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	
1,1-Dichloropropene	ug/L	<1.0	1.0	
Carbon tetrachloride	ug/L	<1.0	1.0	
Benzene	ug/L	<1.0	1.0	
t-Amyl Methyl Ether	ug/L	<5.0	5.0	
1,2-Dichloroethane	ug/L	<1.0	1.0	
n-Heptane	ug/L	<10	10	

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METHOD BLANK: T121490-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Cyclohexane	ug/L	<5.0	5.0	
Trichloroethene	ug/L	<1.0	1.0	
1,2-Dichloropropane	ug/L	<1.0	1.0	
Dibromomethane	ug/L	<5.0	5.0	
Bromodichloromethane	ug/L	<1.0	1.0	
2-Chloroethylvinyl ether	ug/L	<10	10	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	
4-Methyl-2-pentanone	ug/L	<50	50	
n-Butyl Acetate	ug/L	<5.0	5.0	
Toluene	ug/L	<1.0	1.0	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	
1,3-Dichloropropane	ug/L	<1.0	1.0	
Tetrachloroethene	ug/L	<1.0	1.0	
2-Hexanone	ug/L	<50	50	
Dibromochloromethane	ug/L	<5.0	5.0	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	
Chlorobenzene	ug/L	<1.0	1.0	
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
Styrene	ug/L	<1.0	1.0	
Bromoform	ug/L	<1.0	1.0	
Isopropylbenzene	ug/L	<5.0	5.0	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	1.0	
Bromobenzene	ug/L	<1.0	1.0	
n-Propylbenzene	ug/L	<1.0	1.0	
2-Chlorotoluene	ug/L	<5.0	5.0	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	
4-Chlorotoluene	ug/L	<5.0	5.0	
t-Butyl Benzene	ug/L	<1.0	1.0	
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	
sec-Butylbenzene	ug/L	<1.0	1.0	
p-Isopropyltoluene	ug/L	<5.0	5.0	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	
1,4-Dichlorobenzene	ug/L	<1.0	1.0	
n-Butylbenzene	ug/L	<1.0	1.0	
1,2,3-Trimethylbenzene	ug/L	<1.0	1.0	
1,2-Dichlorobenzene	ug/L	<1.0	1.0	
1,2-Dibromo-3-chloropropane	ug/L	<2.0	2.0	

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METHOD BLANK: T121490-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Hexachloroethane	ug/L	<5.0	5.0	
1,2,4-Trichlorobenzene	ug/L	<5.0	5.0	
Hexachlorobutadiene	ug/L	<1.0	1.0	
Naphthalene	ug/L	<5.0	5.0	
1,2,3-Trichlorobenzene	ug/L	<5.0	5.0	
2-Methylnaphthalene	ug/L	<5.0	5.0	
1,2-Dichloroethane-d4 (S)	%	92	68-133	
Toluene-d8 (S)	%	105	75-120	
4-Bromofluorobenzene (S)	%	103	69-119	
1,2-Dichlorobenzene-d4 (S)	%	101	72-127	

LABORATORY CONTROL SAMPLE: T121490-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
1,1-Dichloroethene	ug/L	50.0	47.7	95	64-156	
Benzene	ug/L	50.0	51.1	102	80-120	
Trichloroethene	ug/L	50.0	51.4	103	69-133	
Toluene	ug/L	50.0	50.8	102	80-120	
Chlorobenzene	ug/L	50.0	50.4	101	80-120	
1,2-Dichloroethane-d4 (S)	%	30.0	27.1	90	68-133	
Toluene-d8 (S)	%	30.0	31.2	104	75-120	
4-Bromofluorobenzene (S)	%	30.0	29.5	98	69-119	
1,2-Dichlorobenzene-d4 (S)	%	30.0	28.5	95	72-127	

SAMPLE DUPLICATE: T121490-DUP1

Original: 22D0108-01

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
Dichlorodifluoromethane	ug/L	0	<5.0		200	
Chloromethane	ug/L	0	<5.0		200	
Vinyl chloride	ug/L	0	<1.0		200	
Bromomethane	ug/L	0	<5.0		200	
Chloroethane	ug/L	0	<5.0		200	
Trichlorofluoromethane	ug/L	0	<1.0		200	
Acrolein	ug/L	0	<20		200	
Diethyl ether	ug/L	0	<10		200	
Tert-butyl alcohol	ug/L	0	<50		200	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	0	<1.0		200	
1,1-Dichloroethene	ug/L	0	<1.0		200	
Acetone	ug/L	0	<50		200	
Iodomethane	ug/L	0	<5.0		200	
Carbon disulfide	ug/L	0	<5.0		200	

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SAMPLE DUPLICATE: T121490-DUP1

Original: 22D0108-01

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
Methyl-tert-butyl ether	ug/L	0	<5.0		200	
Hexane	ug/L	0	<10		200	
Methylene chloride	ug/L	0	<5.0		200	
Acrylonitrile	ug/L	0	<2.0		200	
trans-1,2-Dichloroethene	ug/L	0	<1.0		200	
1,1-Dichloroethane	ug/L	0	<1.0		200	
Vinyl acetate	ug/L	0	<100		200	
Diisopropyl Ether	ug/L	0	<5.0		200	
2-Butanone	ug/L	0	<25		200	
cis-1,2-Dichloroethene	ug/L	0	<1.0		200	
Acetonitrile	ug/L	0	<100		200	
t-Butyl Ethyl Ether	ug/L	0	<5.0		200	
2,2-Dichloropropane	ug/L	0	<1.0		200	
Bromochloromethane	ug/L	0	<1.0		200	
Tetrahydrofuran	ug/L	0	<90		200	
Chloroform	ug/L	0	<1.0		200	
1,1,1-Trichloroethane	ug/L	0	<1.0		200	
1,1-Dichloropropene	ug/L	0	<1.0		200	
Carbon tetrachloride	ug/L	0	<1.0		200	
Benzene	ug/L	0	<1.0		200	
t-Amyl Methyl Ether	ug/L	0	<5.0		200	
1,2-Dichloroethane	ug/L	0	<1.0		200	
n-Heptane	ug/L	0	<10		200	
Cyclohexane	ug/L	0	<5.0		200	
Trichloroethene	ug/L	0	<1.0		200	
1,2-Dichloropropane	ug/L	0	<1.0		200	
Dibromomethane	ug/L	0	<5.0		200	
Bromodichloromethane	ug/L	0	<1.0		200	
2-Chloroethylvinyl ether	ug/L	0	<10		200	
cis-1,3-Dichloropropene	ug/L	0	<1.0		200	
4-Methyl-2-pentanone	ug/L	0	<50		200	
n-Butyl Acetate	ug/L	0	<5.0		200	
Toluene	ug/L	0	<1.0		200	
trans-1,3-Dichloropropene	ug/L	0	<1.0		200	
1,1,2-Trichloroethane	ug/L	0	<1.0		200	
1,3-Dichloropropane	ug/L	0	<1.0		200	
Tetrachloroethene	ug/L	0	<1.0		200	
2-Hexanone	ug/L	0	<50		200	
Dibromochloromethane	ug/L	0	<5.0		200	
1,2-Dibromoethane (EDB)	ug/L	0	<1.0		200	
Chlorobenzene	ug/L	0	<1.0		200	

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SAMPLE DUPLICATE: T121490-DUP1

Original: 22D0108-01

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
1,1,1,2-Tetrachloroethane	ug/L	0	<1.0		200	
Ethylbenzene	ug/L	0	<1.0		200	
m,p-Xylene	ug/L	0	<2.0		200	
o-Xylene	ug/L	0	<1.0		200	
Xylenes, total	ug/L	0	<3.0		200	
Styrene	ug/L	0	<1.0		200	
Bromoform	ug/L	0	<1.0		200	
Isopropylbenzene	ug/L	0	<5.0		200	
1,1,2,2-Tetrachloroethane	ug/L	0	<1.0		200	
1,2,3-Trichloropropane	ug/L	0	<1.0		200	
trans-1,4-Dichloro-2-butene	ug/L	0	<1.0		200	
Bromobenzene	ug/L	0	<1.0		200	
n-Propylbenzene	ug/L	0	<1.0		200	
2-Chlorotoluene	ug/L	0	<5.0		200	
1,3,5-Trimethylbenzene	ug/L	0	<1.0		200	
4-Chlorotoluene	ug/L	0	<5.0		200	
t-Butyl Benzene	ug/L	0	<1.0		200	
1,2,4-Trimethylbenzene	ug/L	0	<1.0		200	
sec-Butylbenzene	ug/L	0	<1.0		200	
p-Isopropyltoluene	ug/L	0	<5.0		200	
1,3-Dichlorobenzene	ug/L	0	<1.0		200	
1,4-Dichlorobenzene	ug/L	0	<1.0		200	
n-Butylbenzene	ug/L	0	<1.0		200	
1,2,3-Trimethylbenzene	ug/L	0	<1.0		200	
1,2-Dichlorobenzene	ug/L	0	<1.0		200	
1,2-Dibromo-3-chloropropane	ug/L	0	<2.0		200	
Hexachloroethane	ug/L	0	<5.0		200	
1,2,4-Trichlorobenzene	ug/L	0	<5.0		200	
Hexachlorobutadiene	ug/L	0	<1.0		200	
Naphthalene	ug/L	0	<5.0		200	
1,2,3-Trichlorobenzene	ug/L	0	<5.0		200	
2-Methylnaphthalene	ug/L	0	<5.0		200	
1,2-Dichloroethane-d4 (S)	%		92			
Toluene-d8 (S)	%		105			
4-Bromofluorobenzene (S)	%		103			
1,2-Dichlorobenzene-d4 (S)	%		102			

MATRIX SPIKE: T121490-MS1

Original: 22D0108-02

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Unit	Notes
1,1-Dichloroethene	ug/L	0	50.0	53.5	107	60-146	

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MATRIX SPIKE: T121490-MS1

Original: **22D0108-02**

Parameter	Units	Original Result	Spike Conc.	MS Result	MS % Rec	% Rec Unit	Notes
Benzene	ug/L	0	50.0	55.4	111	78-114	
Trichloroethene	ug/L	0	50.0	54.1	108	70-117	
Toluene	ug/L	0	50.0	53.7	107	77-118	
Chlorobenzene	ug/L	0	50.0	52.8	106	75-116	
1,2-Dichloroethane-d4 (S)	%		30.0	27.0	90	68-133	
Toluene-d8 (S)	%		30.0	31.2	104	75-120	
4-Bromofluorobenzene (S)	%		30.0	29.1	97	69-119	
1,2-Dichlorobenzene-d4 (S)	%		30.0	28.2	94	72-127	

Trace Project ID: 22D0108

Client Project ID: A07646

QC Batch: T121492

Analysis Description: Volatiles, Full Scan

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous Samples

Analysis Method: EPA 8260D

METHOD BLANK: T121492-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Dichlorodifluoromethane	ug/L	<5.0	5.0	
Chloromethane	ug/L	<5.0	5.0	
Vinyl chloride	ug/L	<1.0	1.0	
Bromomethane	ug/L	<5.0	5.0	
Chloroethane	ug/L	<5.0	5.0	
Trichlorofluoromethane	ug/L	<1.0	1.0	
Acrolein	ug/L	<20	20	
Diethyl ether	ug/L	<10	10	
Tert-butyl alcohol	ug/L	<50	50	
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	<1.0	1.0	
1,1-Dichloroethene	ug/L	<1.0	1.0	
Acetone	ug/L	<50	50	
Iodomethane	ug/L	<5.0	5.0	
Carbon disulfide	ug/L	<5.0	5.0	
Methyl-tert-butyl ether	ug/L	<5.0	5.0	
Hexane	ug/L	<10	10	
Methylene chloride	ug/L	<5.0	5.0	
Acrylonitrile	ug/L	<2.0	2.0	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	
1,1-Dichloroethane	ug/L	<1.0	1.0	
Vinyl acetate	ug/L	<100	100	
Diisopropyl Ether	ug/L	<5.0	5.0	
2-Butanone	ug/L	<25	25	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	
Acetonitrile	ug/L	<100	100	

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METHOD BLANK: T121492-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
t-Butyl Ethyl Ether	ug/L	<5.0	5.0	
2,2-Dichloropropane	ug/L	<1.0	1.0	
Bromochloromethane	ug/L	<1.0	1.0	
Tetrahydrofuran	ug/L	<90	90	
Chloroform	ug/L	<1.0	1.0	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	
1,1-Dichloropropene	ug/L	<1.0	1.0	
Carbon tetrachloride	ug/L	<1.0	1.0	
Benzene	ug/L	<1.0	1.0	
t-Amyl Methyl Ether	ug/L	<5.0	5.0	
1,2-Dichloroethane	ug/L	<1.0	1.0	
n-Heptane	ug/L	<10	10	
Cyclohexane	ug/L	<5.0	5.0	
Trichloroethene	ug/L	<1.0	1.0	
1,2-Dichloropropane	ug/L	<1.0	1.0	
Dibromomethane	ug/L	<5.0	5.0	
Bromodichloromethane	ug/L	<1.0	1.0	
2-Chloroethylvinyl ether	ug/L	<10	10	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	
4-Methyl-2-pentanone	ug/L	<50	50	
n-Butyl Acetate	ug/L	<5.0	5.0	
Toluene	ug/L	<1.0	1.0	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	
1,3-Dichloropropane	ug/L	<1.0	1.0	
Tetrachloroethene	ug/L	<1.0	1.0	
2-Hexanone	ug/L	<50	50	
Dibromochloromethane	ug/L	<5.0	5.0	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	
Chlorobenzene	ug/L	<1.0	1.0	
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	
Ethylbenzene	ug/L	<1.0	1.0	
m,p-Xylene	ug/L	<2.0	2.0	
o-Xylene	ug/L	<1.0	1.0	
Xylenes, total	ug/L	<3.0	3.0	
Styrene	ug/L	<1.0	1.0	
Bromoform	ug/L	<1.0	1.0	
Isopropylbenzene	ug/L	<5.0	5.0	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	1.0	
Bromobenzene	ug/L	<1.0	1.0	
n-Propylbenzene	ug/L	<1.0	1.0	
2-Chlorotoluene	ug/L	<5.0	5.0	

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METHOD BLANK: T121492-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	
4-Chlorotoluene	ug/L	<5.0	5.0	
t-Butyl Benzene	ug/L	<1.0	1.0	
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	
sec-Butylbenzene	ug/L	<1.0	1.0	
p-Isopropyltoluene	ug/L	<5.0	5.0	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	
1,4-Dichlorobenzene	ug/L	<1.0	1.0	
n-Butylbenzene	ug/L	<1.0	1.0	
1,2,3-Trimethylbenzene	ug/L	<1.0	1.0	
1,2-Dichlorobenzene	ug/L	<1.0	1.0	
1,2-Dibromo-3-chloropropane	ug/L	<2.0	2.0	
Hexachloroethane	ug/L	<5.0	5.0	
1,2,4-Trichlorobenzene	ug/L	<5.0	5.0	
Hexachlorobutadiene	ug/L	<1.0	1.0	
Naphthalene	ug/L	<5.0	5.0	
1,2,3-Trichlorobenzene	ug/L	<5.0	5.0	
2-Methylnaphthalene	ug/L	<5.0	5.0	
1,2-Dichloroethane-d4 (S)	%	91	68-133	
Toluene-d8 (S)	%	106	75-120	
4-Bromofluorobenzene (S)	%	102	69-119	
1,2-Dichlorobenzene-d4 (S)	%	100	72-127	

LABORATORY CONTROL SAMPLE: T121492-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
1,1-Dichloroethene	ug/L	50.0	50.4	101	64-156	
Benzene	ug/L	50.0	54.0	108	80-120	
Trichloroethene	ug/L	50.0	52.8	106	69-133	
Toluene	ug/L	50.0	53.2	106	80-120	
Chlorobenzene	ug/L	50.0	52.4	105	80-120	
1,2-Dichloroethane-d4 (S)	%	30.0	27.2	90	68-133	
Toluene-d8 (S)	%	30.0	31.4	105	75-120	
4-Bromofluorobenzene (S)	%	30.0	28.7	96	69-119	
1,2-Dichlorobenzene-d4 (S)	%	30.0	27.9	93	72-127	

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22D0108
Chain of Custody #
116206979
PAGE 1 of 1

Client Name: Fibertec		Contact Person: Jacob Sutherland		Project Name/ Number: A07046		Email distribution list: Lab@fibertec.us		Quote#		Purchase Order#	
Date		Time		Sample #		Client Sample Descriptor		MATRIX (SEE RIGHT CORNER FOR CODE)		# OF CONTAINERS	
3/25	13:04	1		Location A		GW	3	X	VOC - Full list		
	11:33	2		Location B			3				
	10:24	3		Location C			3				
	4:32	4		Location D			3				
Comments:											
Sampled/Relinquished By: Paul S. Sauer				Date/Time: 4/5/12 15:12		Received By: MS					
Relinquished By:				Date/Time:		Received By:					
Relinquished By:				Date/Time:		Received By Laboratory:					
Turnaround Time ALL RESULTS WILL BE SENT BY THE END OF THE BUSINESS DAY				1 bus. day		2 bus. days		3 bus. days		4 bus. days	
Other (specify time/date requirement): Within Hold time				Fibertec project number:		LAB USE ONLY		Temperature upon receipt at lab:			
Please see back for terms and conditions											

CERTIFICATE OF ANALYSIS

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Trace Analytical Laboratories, Inc.
2241 Black Creek Road
Muskegon, MI 49444-2673



231-773-5998 Phone
888-979-4469 Fax
www.trace-labs.com

22D0108
Fibertec Environmental Ser
Project Manager: Jon Mink

Sample Log In Checklist

Date: 4/5/22	Original Observation	Corrected Temperature	IR-9 (CF: +0.4°C)	IR-10 (CF: +0.4°C)	20B12743 (CF: -0.2°C)	Temp Blank	Client Sample
Time: 13:12							
Logged by: NC							
Package Description: Cooler							
Package Temp °C	-1.1	-0.7					
Representative Sample Temp °C	4.0	4.4					

Sample Receipt

Yes No

☒ Received on ice or other coolant

☒ Ice still present upon receipt

☐ Custody seals present

☐ Trace Courier ☒ Client Drop-off

☐ Yes ☐ No Custody seals intact (if applicable)

☐ UPS

☐ Fed Ex

☐ US Mail

☐ Other

Sample Condition

Yes No N/A

☒ All sample containers arrived unbroken and labeled

☒ Sufficient sample to run requested analyses

☒ Correct chemical preservative added to samples

☐ Samples preserved at Trace

☐ Chemical preservation verified, check EMD pH test strip used (if applicable)

☐ pH 0-2.5 (Lot: HC046681)

☐ pH 11.0-13.0 (Lot: HC022540)

☐ Other

☒ Air bubbles absent from VOAs

Chain of Custody (COC)

Yes No

☒ All bottle labels agree with COC

☒ COC filled out properly

☒ COC signed by client

Notes:

Form 70-A.41
Effective 1/7/22

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Client Name: Akt Peerless				PARAMETERS												Matrix Code				Deliverables																			
Contact Person: Brian Westhoff				MATRIX (SEE RIGHT CORNER FOR CODE) # OF CONTAINERS VOCs SVOCs PCBs herbicides pesticides Michigan to not Hex. Chromium HOLD SAMPLE												S Soil A Air O Oil P Wipe GW Ground Water SW Surface Water WW Wastewater X Other: Specify				Level 2 Level 3 Level 4 EDD																			
Project Name/ Number: Galloway Creek 13038F-3-20																																							
Email distribution list: westhoffba@aktpeerless.com																																							
Quote#																																							
Purchase Order#				Received By Lab JUN 02 2022 Initials: BP																																			
<table border="1"> <thead> <tr> <th>Date</th> <th>Time</th> <th>Sample #</th> <th>Client Sample Descriptor</th> </tr> </thead> <tbody> <tr> <td>6/2/22</td> <td>10:15</td> <td></td> <td>Location A</td> </tr> <tr> <td></td> <td>1056</td> <td></td> <td>Location A</td> </tr> <tr> <td></td> <td>1007</td> <td></td> <td>Location B</td> </tr> <tr> <td></td> <td>1018</td> <td></td> <td>Location B</td> </tr> <tr> <td></td> <td>1126</td> <td></td> <td>Location C</td> </tr> <tr> <td></td> <td>1142</td> <td></td> <td>Location C</td> </tr> <tr> <td></td> <td>0923</td> <td></td> <td>Location D</td> </tr> <tr> <td></td> <td>0930</td> <td></td> <td>Location D</td> </tr> </tbody> </table>																		Date	Time	Sample #	Client Sample Descriptor	6/2/22	10:15		Location A		1056		Location A		1007		Location B		1018		Location B		1126
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