

Analytical Results Summary

 21-23 Wayne
 8070171-01 (Soil)

SP-1

 Collected
 07/03/2018 09:30

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
VO+15 Volatile Organics - GC/MS								
Vinyl chloride	SW 846 8260C	07/11/18 15:37	07/11/18 15:37	ND	U	0.000435	0.00229	mg/kg dry
VO+15 Volatile Organics - GC/MS TIC								
Naphthalene, 1,3-dimethyl-	SW 846 8260C	07/11/18 15:37	07/11/18 15:37	0.00637	J			mg/kg dry
Naphthalene, 1,5-dimethyl-	SW 846 8260C	07/11/18 15:37	07/11/18 15:37	0.00688	J			mg/kg dry
				TIC Total: 0.0133				

FootNotes

 RL - Reporting limit
 MDL - Minimum detection limit
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 E - Concentration exceeds highest calibration standard
 D - Indicates result is based on a dilution
 P - Greater than 25% diff. between 2 GC columns.
 H - Indicates a Hold Time violation

Analytical Results Summary

 21-23 Wayne
 8070171-02 (Soil)

SP-2

 Collected
 07/03/2018 09:50

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Cyanide	SW 846 9014	07/16/18 10:40	07/16/18 14:00	ND			0.268	mg/kg dry
Percent Solids	Gravimetric	07/05/18 17:45	07/06/18 10:47	88.8				%
Phenols	SW 846 9085	07/17/18 09:00	07/17/18 16:00	ND			5.76	mg/kg dry
Total Metals								
Antimony	SW 846 6010D	07/19/18 12:28	07/22/18 10:44	11.2			1.44	mg/kg dry
Arsenic	SW 846 6010D	07/19/18 12:26	07/22/18 10:44	6.13			1.44	mg/kg dry
Beryllium	SW 846 6010D	07/19/18 12:25	07/22/18 10:44	0.403			0.0268	mg/kg dry
Cadmium	SW 846 6010D	07/19/18 12:28	07/22/18 10:44	28.4			0.288	mg/kg dry
Chromium	SW 846 6010D	07/19/18 12:26	07/22/18 10:44	57.6			0.288	mg/kg dry
Copper	SW 846 6010D	07/19/18 12:28	07/22/18 10:44	743			0.288	mg/kg dry
Lead	SW 846 6010D	07/19/18 12:26	07/23/18 11:33	14800			144	mg/kg dry
Mercury	SW 846 7471B	07/17/18 09:00	07/17/18 12:46	0.289			0.0564	mg/kg dry
Nickel	SW 846 6010D	07/19/18 12:26	07/22/18 10:44	191			0.144	mg/kg dry
Selenium	SW 846 6010D	07/19/18 12:26	07/22/18 10:44	ND			1.44	mg/kg dry
Silver	SW 846 6010D	07/19/18 12:26	07/22/18 10:44	ND			0.576	mg/kg dry
Thallium	SW 846 6010D	07/19/18 12:26	07/22/18 10:44	ND			1.44	mg/kg dry
Zinc	SW 846 6010D	07/19/18 12:26	07/23/18 11:33	13200			88.4	mg/kg dry
BNA+25 Semivolatile Organics - GC/MS								
1,2,4-Trichlorobenzene	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.0789	0.768	mg/kg dry
1,2-Diphenylhydrazine	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.0835	0.768	mg/kg dry
2,4,6-Trichlorophenol	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.0480	0.768	mg/kg dry
2,4-Dichlorophenol	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.0771	0.768	mg/kg dry
2,4-Dimethylphenol	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.0754	0.768	mg/kg dry
2,4-Dinitrophenol	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.111	3.84	mg/kg dry
2,4-Dinitrotoluene	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.0818	0.768	mg/kg dry
2,6-Dinitrotoluene	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.183	0.768	mg/kg dry
2-Chloronaphthalene	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.0881	0.768	mg/kg dry
2-Chlorophenol	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.101	0.768	mg/kg dry
2-Nitrophenol	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.0852	0.768	mg/kg dry
3,3'-Dichlorobenzidine	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.0806	0.768	mg/kg dry
4,6-Dinitro-2-methylphenol	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.145	1.92	mg/kg dry
4-Bromophenyl-phenyl ether	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.109	0.768	mg/kg dry
4-Chloro-3-methylphenol	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.121	0.768	mg/kg dry
4-Chlorophenyl phenyl ether	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.0414	0.768	mg/kg dry
4-Nitrophenol	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.0491	0.768	mg/kg dry

Footnotes

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Analytical Results Summary

 21-23 Wayne
 8070171-02 (Soil)
 SP-2

 Collected
 07/03/2018 09:50

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
BNA+25 Semivolatile Organics - GC/MS								
Acenaphthene	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.0437	0.766	mg/kg dry
Acenaphthylene	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	0.691	D, J	0.0267	0.766	mg/kg dry
Anthracene	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	1.09	D	0.111	0.766	mg/kg dry
Benzidine	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	1.75	1.92	mg/kg dry
Benzo(a)anthracene	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	2.12	D	0.0771	0.766	mg/kg dry
Benzo(a)pyrene	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	2.22	D	0.134	0.766	mg/kg dry
Benzo(b)fluoranthene	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	3.70	D	0.108	0.766	mg/kg dry
Benzo(g,h,i)perylene	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	1.04	D	0.0622	0.766	mg/kg dry
Benzo(k)fluoranthene	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	1.21	D	0.0881	0.766	mg/kg dry
bis(2-chloroethoxy)methane	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.106	0.766	mg/kg dry
bis(2-chloroethoxy)ether	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.0841	0.766	mg/kg dry
bis(2-chloroisopropoxy)ether	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.276	0.766	mg/kg dry
bis(2-ethoxy)phthalate	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	1.46	D	0.153	0.766	mg/kg dry
Butylbenzylphthalate	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	1.37	D	0.0697	0.766	mg/kg dry
Chrysene	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	2.31	D	0.0525	0.766	mg/kg dry
Di-benzo(a,h)anthracene	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	0.320	D, J	0.0760	0.766	mg/kg dry
Diethylphthalate	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.149	0.766	mg/kg dry
Dimethylphthalate	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	0.194	J, D	0.0476	0.766	mg/kg dry
Di-n-butylphthalate	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	0.659	D, J	0.313	0.766	mg/kg dry
Di-n-octylphthalate	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.157	0.766	mg/kg dry
Fluoranthene	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	4.27	D	0.0720	0.766	mg/kg dry
Fluorene	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.0639	0.766	mg/kg dry
Hexachlorobenzene	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.100	0.766	mg/kg dry
Hexachlorobutadiene	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.368	0.766	mg/kg dry
Hexachlorocyclopentadiene	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.320	1.92	mg/kg dry
Hexachloroethane	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.0841	0.766	mg/kg dry
Indeno(1,2,3-cd)pyrene	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	0.991	D	0.0823	0.766	mg/kg dry
Isophorone	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.0502	0.766	mg/kg dry
Naphthalene	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	0.274	J, D	0.0566	0.766	mg/kg dry
Nitrobenzene	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.130	0.766	mg/kg dry
n-Nitroso-dimethylamine	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.273	0.766	mg/kg dry
n-Nitroso-di-n-propylamine	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.0410	0.766	mg/kg dry
n-Nitrosodiphenylamine	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.164	0.766	mg/kg dry
Pentachlorophenol	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.105	1.92	mg/kg dry
Phenanthrene	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	2.57	D	0.101	0.766	mg/kg dry
Phenol	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	ND	U	0.0522	0.766	mg/kg dry

FootNotes

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Analytical Results Summary

 21-23 Wayne
 8070171-02 (Soil)

SP-2

 Collected
 07/03/2018 09:50

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/								
Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
BNA+25 Semivolatile Organics - GC/MS								
Pyrene	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	3.48	D	0.0584	0.768	mg/kg dry
BNA+25 Semivolatile Organics - GC/MS TIC								
Cyclohexasiloxane, dodecamethyl-isomer	SW 846 8270D	07/11/18 08:47	07/12/18 01:58	1.62	D, J			mg/kg dry
				TIC Total: 1.62				
Pesticides								
4,4'-DDD	SW 846 8081B	07/12/18 09:00	07/13/18 23:45	ND	U	0.000906	0.00150	mg/kg dry
4,4'-DDE	SW 846 8081B	07/12/18 09:00	07/13/18 23:45	ND	U	0.00106	0.00150	mg/kg dry
4,4'-DDT	SW 846 8081B	07/12/18 09:00	07/13/18 23:45	ND	U	0.000718	0.00150	mg/kg dry
Aldrin	SW 846 8081B	07/12/18 09:00	07/13/18 23:45	ND	U	0.000829	0.00150	mg/kg dry
alpha-BHC	SW 846 8081B	07/12/18 09:00	07/13/18 23:45	ND	U	0.000579	0.00150	mg/kg dry
beta-BHC	SW 846 8081B	07/12/18 09:00	07/13/18 23:45	ND	U	0.00147	0.00150	mg/kg dry
Chlordane	SW 846 8081B	07/12/18 09:00	07/13/18 23:45	ND	U	0.00101	0.00150	mg/kg dry
gamma-BHC	SW 846 8081B	07/12/18 09:00	07/13/18 23:45	ND	U	0.00116	0.00150	mg/kg dry
Endosulfan I	SW 846 8081B	07/12/18 09:00	07/13/18 23:45	ND	U	0.000806	0.00150	mg/kg dry
Endosulfan II	SW 846 8081B	07/12/18 09:00	07/13/18 23:45	ND	U	0.00104	0.00150	mg/kg dry
Endosulfan sulfate	SW 846 8081B	07/12/18 09:00	07/13/18 23:45	ND	U	0.000814	0.00150	mg/kg dry
Endrin	SW 846 8081B	07/12/18 09:00	07/13/18 23:45	ND	U	0.000768	0.00150	mg/kg dry
Endrin aldehyde	SW 846 8081B	07/12/18 09:00	07/13/18 23:45	ND	U	0.000639	0.00150	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	07/12/18 09:00	07/13/18 23:45	ND	U	0.000684	0.00150	mg/kg dry
Heptachlor	SW 846 8081B	07/12/18 09:00	07/13/18 23:45	ND	U	0.000875	0.00150	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	07/12/18 09:00	07/13/18 23:45	ND	U	0.000936	0.00150	mg/kg dry
Methoxychlor	SW 846 8081B	07/12/18 09:00	07/13/18 23:45	ND	U	0.000952	0.00150	mg/kg dry
Toxaphene	SW 846 8081B	07/12/18 09:00	07/13/18 23:45	ND	U	0.0233	0.0760	mg/kg dry
PCBs								
Aroclor-1016	SW 846 8082A	07/12/18 08:54	07/13/18 20:03	ND	U	0.000677	0.0380	mg/kg dry
Aroclor-1221	SW 846 8082A	07/12/18 08:54	07/13/18 20:03	ND	U	0.00117	0.0380	mg/kg dry
Aroclor-1232	SW 846 8082A	07/12/18 08:54	07/13/18 20:03	ND	U	0.000895	0.0380	mg/kg dry
Aroclor-1242	SW 846 8082A	07/12/18 08:54	07/13/18 20:03	ND	U	0.00129	0.0380	mg/kg dry
Aroclor-1248	SW 846 8082A	07/12/18 08:54	07/13/18 20:03	ND	U	0.000891	0.0380	mg/kg dry
Aroclor-1254	SW 846 8082A	07/12/18 08:54	07/13/18 20:03	ND	U	0.00138	0.0380	mg/kg dry
Aroclor-1260	SW 846 8082A	07/12/18 08:54	07/13/18 20:03	1.48		0.00100	0.0380	mg/kg dry
Total PCBs	SW 846 8082A	07/12/18 08:54	07/13/18 20:03	1.48		0.000677	0.0380	mg/kg dry

FootNotes

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Analytical Results Summary

 21-23 Wayne
 8070171-02 (Soil)

SP-2

 Collected
 07/03/2018 09:50

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
VO+15 Volatile Organics - GC/MS								
1,1,1-Trichloroethane	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000336	0.00230	mg/kg dry
1,1,2,2-Tetrachloroethane	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000318	0.00230	mg/kg dry
1,1,2-Trichloroethane	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000368	0.00230	mg/kg dry
1,1-Dichloroethane	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000338	0.00230	mg/kg dry
1,1-Dichloroethene	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000426	0.00230	mg/kg dry
1,2-Dichlorobenzene	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000406	0.00230	mg/kg dry
1,2-Dichloroethane	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000325	0.00230	mg/kg dry
1,2-Dichloropropane	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000378	0.00230	mg/kg dry
1,3-Dichlorobenzene	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000169	0.00230	mg/kg dry
1,4-Dichlorobenzene	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000332	0.00230	mg/kg dry
2-Chloroethylvinyl Ether	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000497	0.00230	mg/kg dry
Acrolein	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.00124	0.00230	mg/kg dry
Acrylonitrile	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000538	0.00230	mg/kg dry
Benzene	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000210	0.00230	mg/kg dry
Bromodichloromethane	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000289	0.00230	mg/kg dry
Bromoform	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000404	0.00230	mg/kg dry
Bromomethane	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000684	0.00230	mg/kg dry
Carbon Tetrachloride	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000347	0.00230	mg/kg dry
Chlorobenzene	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000334	0.00230	mg/kg dry
Chloroethane	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000393	0.00230	mg/kg dry
Chloroform	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000387	0.00230	mg/kg dry
Chloromethane	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000687	0.00230	mg/kg dry
cis-1,2-Dichloroethane	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000111	0.00230	mg/kg dry
cis-1,3-Dichloropropene	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000291	0.00230	mg/kg dry
Dibromochloromethane	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000283	0.00230	mg/kg dry
Dichlorodifluoromethane	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000777	0.00230	mg/kg dry
Ethylbenzene	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000312	0.00230	mg/kg dry
Methylene Chloride	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000692	0.00230	mg/kg dry
Tetrachloroethane	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000228	0.00230	mg/kg dry
Toluene	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000185	0.00230	mg/kg dry
Total Xylenes	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000296	0.00230	mg/kg dry
trans-1,2-Dichloroethane	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000312	0.00230	mg/kg dry
trans-1,3-Dichloropropene	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000440	0.00230	mg/kg dry
Trichloroethane	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000339	0.00230	mg/kg dry
Trichlorofluoromethane	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000285	0.00230	mg/kg dry

FootNotes

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AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

21-23 Wayne
8070171-02 (Soil)

SP-2

Collected
07/03/2018 09:50

Received
07/05/2018 16:45

Contact
Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
VC+15 Volatile Organics - GC/MS								
Vinyl chloride	SW 846 8260C	07/11/18 16:05	07/11/18 16:05	ND	U	0.000438	0.00230	mg/kg dry

FootNotes

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D - Indicates result is based on a dilution
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H - Indicates a Hold Time violation

Analytical Results Summary

 21-23 Wayne
 8070171-03 (Soil)

SP-3

 Collected
 07/03/2018 10:10

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Cyanide	SW 846 9014	07/16/18 10:40	07/16/18 14:00	ND			0.280	mg/kg dry
Percent Solids	Gravimetric	07/05/18 17:45	07/08/18 10:47	89.3				%
Phenols	SW 846 9065	07/17/18 09:00	07/17/18 16:00	ND			5.60	mg/kg dry
Total Metals								
Antimony	SW 846 8010D	07/19/18 12:26	07/22/18 10:47	1.63			1.40	mg/kg dry
Arsenic	SW 846 8010D	07/19/18 12:26	07/22/18 10:47	2.26			1.40	mg/kg dry
Beryllium	SW 846 8010D	07/19/18 12:26	07/22/18 10:47	0.392			0.0280	mg/kg dry
Cadmium	SW 846 8010D	07/19/18 12:26	07/22/18 10:47	5.24			0.290	mg/kg dry
Chromium	SW 846 8010D	07/19/18 12:26	07/22/18 10:47	20.0			0.280	mg/kg dry
Copper	SW 846 8010D	07/19/18 12:26	07/22/18 10:47	164			0.280	mg/kg dry
Lead	SW 846 8010D	07/19/18 12:26	07/23/18 10:46	2400			14.0	mg/kg dry
Mercury	SW 846 7471B	07/17/18 09:00	07/17/18 12:59	0.0671			0.0518	mg/kg dry
Nickel	SW 846 8010D	07/19/18 12:26	07/22/18 10:47	46.8			0.140	mg/kg dry
Selenium	SW 846 8010D	07/19/18 12:26	07/22/18 10:47	ND			1.40	mg/kg dry
Silver	SW 846 8010D	07/19/18 12:26	07/22/18 10:47	ND			0.560	mg/kg dry
Thallium	SW 846 8010D	07/19/18 12:26	07/22/18 10:47	ND			1.40	mg/kg dry
Zinc	SW 846 8010D	07/19/18 12:26	07/23/18 10:46	2800			8.40	mg/kg dry
BNA+25 Semivolatile Organics - GC/MS								
1,2,4-Trichlorobenzene	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0307	0.298	mg/kg dry
1,2-Diphenylhydrazine	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0325	0.298	mg/kg dry
2,4,6-Trichlorophenol	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0187	0.298	mg/kg dry
2,4-Dichlorophenol	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0300	0.298	mg/kg dry
2,4-Dimethylphenol	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0294	0.298	mg/kg dry
2,4-Dinitrophenol	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0430	1.40	mg/kg dry
2,4-Dinitrotoluene	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0318	0.298	mg/kg dry
2,6-Dinitrotoluene	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0712	0.298	mg/kg dry
2-Chloronaphthalene	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0343	0.298	mg/kg dry
2-Chlorophenol	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0394	0.298	mg/kg dry
2-Nitrophenol	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0332	0.298	mg/kg dry
3,3'-Dichlorobenzidine	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0314	0.298	mg/kg dry
4,6-Dinitro-2-methylphenol	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0582	0.748	mg/kg dry
4-Bromophenyl-phenyl ether	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0426	0.298	mg/kg dry
4-Chloro-3-methylphenol	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0471	0.298	mg/kg dry
4-Chlorophenyl phenyl ether	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0181	0.298	mg/kg dry
4-Nitrophenol	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0191	0.298	mg/kg dry

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Analytical Results Summary

 21-23 Wayne
 8070171-03 (Soil)

SP-3

 Collected
 07/03/2018 10:10

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
BNA+25 Semivolatile Organics - GC/MS								
Acenaphthene	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	0.107	J, D	0.0170	0.298	mg/kg dry
Acenaphthylene	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	0.174	J, D	0.0104	0.298	mg/kg dry
Anthracene	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	0.474	D	0.0432	0.298	mg/kg dry
Benzidine	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.682	0.746	mg/kg dry
Benzo(a)anthracene	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	0.960	D	0.0300	0.298	mg/kg dry
Benzo(a)pyrene	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	1.03	D	0.0520	0.298	mg/kg dry
Benzo(b)fluoranthene	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	1.46	D	0.0419	0.298	mg/kg dry
Benzo(g,h,i)perylene	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	0.448	D	0.0242	0.298	mg/kg dry
Benzo(k)fluoranthene	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	0.596	D	0.0343	0.298	mg/kg dry
bis(2-chloroethoxy)methane	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0412	0.298	mg/kg dry
bis(2-chloroethyl)ether	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0327	0.298	mg/kg dry
bis(2-chloroisopropyl)ether	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.107	0.298	mg/kg dry
bis(2-ethylhexyl)phthalate	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	1.08	D	0.0596	0.298	mg/kg dry
Butylbenzylphthalate	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	1.57	D	0.0271	0.298	mg/kg dry
rysene	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	0.953	D	0.0204	0.298	mg/kg dry
Benzo(a,h)anthracene	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	0.129	J, D	0.0296	0.298	mg/kg dry
Diethylphthalate	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0576	0.298	mg/kg dry
Dimethylphthalate	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0185	0.298	mg/kg dry
Di-n-butylphthalate	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	0.183	J, D	0.122	0.298	mg/kg dry
Di-n-octylphthalate	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0612	0.298	mg/kg dry
Fluoranthene	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	2.16	D	0.0280	0.298	mg/kg dry
Fluorene	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	0.224	J, D	0.0240	0.298	mg/kg dry
Hexachlorobenzene	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0390	0.298	mg/kg dry
Hexachlorobutadiene	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.143	0.298	mg/kg dry
Hexachlorocyclopentadiene	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.124	0.746	mg/kg dry
Hexachloroethane	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0327	0.298	mg/kg dry
Indeno(1,2,3-cd)pyrene	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	0.424	D	0.0329	0.298	mg/kg dry
Isophorone	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0195	0.298	mg/kg dry
Naphthalene	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0221	0.298	mg/kg dry
Nitrobenzene	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0506	0.298	mg/kg dry
n-Nitroso-dimethylamine	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.106	0.298	mg/kg dry
n-Nitroso-di-n-propylamine	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0160	0.298	mg/kg dry
n-Nitrosodiphenylamine	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0536	0.298	mg/kg dry
Pentachlorophenol	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0410	0.746	mg/kg dry
Phenanthrene	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	1.71	D	0.0352	0.298	mg/kg dry
Phenol	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	ND	U	0.0242	0.298	mg/kg dry

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Analytical Results Summary

 21-23 Wayne
 8070171-03 (Soil)

SP-3

 Collected
 07/03/2018 10:10

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
BNA+25 Semivolatile Organics - GC/MS								
Pyrene	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	1.85	D	0.0219	0.298	mg/kg dry
BNA+25 Semivolatile Organics - GC/MS TIC								
1,2-Benzenedicarboxylic acid, -isomer- (01)	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	1.38	J, D			mg/kg dry
1,2-Benzenedicarboxylic acid, -isomer- (02)	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	1.18	J, D			mg/kg dry
Ethanol, -butoxy-isomer	SW 846 8270D	07/11/18 08:47	07/12/18 02:24	1.09	J, D			mg/kg dry
				TIC Total: 3.65				
Pesticides								
4,4'-DDD	SW 846 8081B	07/12/18 09:00	07/14/18 00:09	ND	U	0.000882	0.00146	mg/kg dry
4,4'-DDE	SW 846 8081B	07/12/18 09:00	07/14/18 00:09	ND	U	0.00103	0.00146	mg/kg dry
4,4'-DDT	SW 846 8081B	07/12/18 09:00	07/14/18 00:09	ND	U	0.000699	0.00146	mg/kg dry
Aldrin	SW 846 8081B	07/12/18 09:00	07/14/18 00:09	ND	U	0.000904	0.00146	mg/kg dry
alpha-BHC	SW 846 8081B	07/12/18 09:00	07/14/18 00:09	ND	U	0.000583	0.00146	mg/kg dry
gamma-BHC	SW 846 8081B	07/12/18 09:00	07/14/18 00:09	ND	U	0.00143	0.00146	mg/kg dry
Chlordane	SW 846 8081B	07/12/18 09:00	07/14/18 00:09	0.0145		0.000978	0.00146	mg/kg dry
delta-BHC	SW 846 8081B	07/12/18 09:00	07/14/18 00:09	ND	U	0.00113	0.00146	mg/kg dry
Dieldrin	SW 846 8081B	07/12/18 09:00	07/14/18 00:09	ND	U	0.000784	0.00146	mg/kg dry
Endosulfen I	SW 846 8081B	07/12/18 09:00	07/14/18 00:09	ND	U	0.00101	0.00146	mg/kg dry
Endosulfen II	SW 846 8081B	07/12/18 09:00	07/14/18 00:09	ND	U	0.000792	0.00146	mg/kg dry
Endosulfen sulfate	SW 846 8081B	07/12/18 09:00	07/14/18 00:09	ND	U	0.000792	0.00146	mg/kg dry
Endrin	SW 846 8081B	07/12/18 09:00	07/14/18 00:09	ND	U	0.000747	0.00146	mg/kg dry
Endrin aldehyde	SW 846 8081B	07/12/18 09:00	07/14/18 00:09	ND	U	0.000822	0.00146	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	07/12/18 09:00	07/14/18 00:09	ND	U	0.000885	0.00146	mg/kg dry
Heptachlor	SW 846 8081B	07/12/18 09:00	07/14/18 00:09	ND	U	0.000851	0.00146	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	07/12/18 09:00	07/14/18 00:09	ND	U	0.000911	0.00146	mg/kg dry
Methoxychlor	SW 846 8081B	07/12/18 09:00	07/14/18 00:09	ND	U	0.000826	0.00146	mg/kg dry
Toxaphene	SW 846 8081B	07/12/18 09:00	07/14/18 00:09	ND	U	0.0225	0.0739	mg/kg dry
PCBs								
Aroclor-1016	SW 846 8082A	07/12/18 08:54	07/13/18 20:28	ND	U	0.000659	0.0370	mg/kg dry
Aroclor-1221	SW 846 8082A	07/12/18 08:54	07/13/18 20:28	ND	U	0.00114	0.0370	mg/kg dry
Aroclor-1232	SW 846 8082A	07/12/18 08:54	07/13/18 20:28	ND	U	0.000670	0.0370	mg/kg dry
Aroclor-1242	SW 846 8082A	07/12/18 08:54	07/13/18 20:28	ND	U	0.00125	0.0370	mg/kg dry
Aroclor-1248	SW 846 8082A	07/12/18 08:54	07/13/18 20:28	ND	U	0.000857	0.0370	mg/kg dry
Aroclor-1254	SW 846 8082A	07/12/18 08:54	07/13/18 20:28	ND	U	0.00132	0.0370	mg/kg dry

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Analytical Results Summary

 21-23 Wayne
 8070171-03 (Soil)

SP-3

 Collected
 07/03/2018 10:10

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
PCBs								
Aroclor-1260	SW 846 8082A	07/12/18 08:54	07/13/18 20:28	0.337		0.000975	0.0370	mg/kg dry
Total PCBs	SW 846 8082A	07/12/18 08:54	07/13/18 20:28	0.337		0.000658	0.0370	mg/kg dry
VO+15 Volatile Organics - GC/MS								
1,1,1-Trichloroethene	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000327	0.00224	mg/kg dry
1,1,2,2-Tetrachloroethene	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000309	0.00224	mg/kg dry
1,1,2-Trichloroethane	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000378	0.00224	mg/kg dry
1,1-Dichloroethane	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000327	0.00224	mg/kg dry
1,1-Dichloroethene	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000414	0.00224	mg/kg dry
1,2-Dichlorobenzene	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000395	0.00224	mg/kg dry
1,2-Dichloroethane	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000316	0.00224	mg/kg dry
1,2-Dichloropropane	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000397	0.00224	mg/kg dry
1,3-Dichlorobenzene	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000165	0.00224	mg/kg dry
1,4-Dichlorobenzene	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000323	0.00224	mg/kg dry
Chloroethylvinyl Ether	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000484	0.00224	mg/kg dry
Acrolein	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.00121	0.00224	mg/kg dry
Acrylonitrile	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000523	0.00224	mg/kg dry
Benzene	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000204	0.00224	mg/kg dry
Bromodichloromethane	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000281	0.00224	mg/kg dry
Bromoform	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000393	0.00224	mg/kg dry
Bromomethane	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000646	0.00224	mg/kg dry
Carbon Tetrachloride	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000337	0.00224	mg/kg dry
Chlorobenzene	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000325	0.00224	mg/kg dry
Chloroethane	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000382	0.00224	mg/kg dry
Chloroform	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000376	0.00224	mg/kg dry
Chloromethane	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000863	0.00224	mg/kg dry
cis-1,2-Dichloroethane	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000108	0.00224	mg/kg dry
cis-1,3-Dichloropropene	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000283	0.00224	mg/kg dry
Dibromochloromethane	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000276	0.00224	mg/kg dry
Dichlorodifluoromethane	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000756	0.00224	mg/kg dry
Ethylbenzene	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000304	0.00224	mg/kg dry
Methylene Chloride	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000673	0.00224	mg/kg dry
Tetrachloroethene	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000222	0.00224	mg/kg dry
Toluene	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000180	0.00224	mg/kg dry
Total Xylenes	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000268	0.00224	mg/kg dry
trans-1,2-Dichloroethene	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000304	0.00224	mg/kg dry

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AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

21-23 Wayne
8070171-03 (Soil)

SP-3

Collected
07/03/2018 10:10

Received
07/05/2018 16:45

Contact
Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
VO+15 Volatile Organics - GC/MS								
trans-1,3-Dichloropropene	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000428	0.00224	mg/kg dry
Trichloroethene	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000329	0.00224	mg/kg dry
Trichlorofluoromethane	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000258	0.00224	mg/kg dry
Vinyl chloride	SW 846 8260C	07/11/18 16:34	07/11/18 16:34	ND	U	0.000428	0.00224	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
H - Indicates a Hold Time violation

Analytical Results Summary

21-23 Wayne
8070171-04 (Soil)

SP-4

Collected
07/03/2018 10:25Received
07/05/2018 16:45Contact
Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Cyanide	SW 846 9014	07/13/18 10:30	07/13/18 15:00	ND			0.273	mg/kg dry
Percent Solids	Gravimetric	07/05/18 17:45	07/08/18 10:47	91.5				%
Phenols	SW 846 9066	07/17/18 09:00	07/17/18 16:00	ND			5.47	mg/kg dry
Total Metals								
Antimony	SW 846 6010D	07/19/18 12:26	07/22/18 10:50	2.38			1.37	mg/kg dry
Arsenic	SW 846 6010D	07/19/18 12:26	07/22/18 10:50	4.59			1.37	mg/kg dry
Beryllium	SW 846 6010D	07/19/18 12:26	07/22/18 10:50	0.355			0.0273	mg/kg dry
Cadmium	SW 846 6010D	07/19/18 12:26	07/22/18 10:50	10.4			0.273	mg/kg dry
Chromium	SW 846 6010D	07/19/18 12:26	07/22/18 10:50	29.2			0.273	mg/kg dry
Copper	SW 846 6010D	07/19/18 12:26	07/22/18 10:50	361			0.273	mg/kg dry
Lead	SW 846 6010D	07/19/18 12:26	07/23/18 10:48	2900			13.7	mg/kg dry
Mercury	SW 846 7471B	07/17/18 09:00	07/17/18 13:02	0.240			0.0515	mg/kg dry
Nickel	SW 846 6010D	07/19/18 12:26	07/22/18 10:50	88.8			0.137	mg/kg dry
Selenium	SW 846 6010D	07/19/18 12:26	07/22/18 10:50	ND			1.37	mg/kg dry
Silver	SW 846 6010D	07/19/18 12:26	07/22/18 10:50	ND			0.547	mg/kg dry
Thallium	SW 846 6010D	07/19/18 12:26	07/22/18 10:50	ND			1.37	mg/kg dry
Zinc	SW 846 6010D	07/19/18 12:26	07/23/18 10:48	4480			8.20	mg/kg dry
BNA+25 Semivolatile Organics - GC/MS								
1,2,4-Trichlorobenzene	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.0749	0.727	mg/kg dry
1,2-Diphenylhydrazine	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.0792	0.727	mg/kg dry
2,4,6-Trichlorophenol	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.0455	0.727	mg/kg dry
2,4-Dichlorophenol	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.0732	0.727	mg/kg dry
2,4-Dimethylphenol	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.0716	0.727	mg/kg dry
2,4-Dinitrophenol	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.105	3.65	mg/kg dry
2,4-Dinitrotoluene	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.0776	0.727	mg/kg dry
2,6-Dinitrotoluene	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.174	0.727	mg/kg dry
2-Chloronaphthalene	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.0836	0.727	mg/kg dry
2-Chlorophenol	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.0962	0.727	mg/kg dry
2-Nitrophenol	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.0809	0.727	mg/kg dry
3,3'-Dichlorobenzidine	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.0765	0.727	mg/kg dry
4,6-Dinitro-2-methylphenol	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.137	1.82	mg/kg dry
4-Bromophenyl-phenyl ether	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.104	0.727	mg/kg dry
4-Chloro-3-methylphenol	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.115	0.727	mg/kg dry
4-Chlorophenyl phenyl ether	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.0393	0.727	mg/kg dry
4-Nitrophenol	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.0466	0.727	mg/kg dry

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Analytical Results Summary

21-23 Wayne

8070171-04 (Soil)

SP-4

Collected
07/03/2018 10:25Received
07/05/2018 16:45Contact
Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
BNA+25 Semivolatile Organics - GC/MS								
Acenaphthene	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.0415	0.727	mg/kg dry
Acenaphthylene	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	0.536	J, D	0.0253	0.727	mg/kg dry
Anthracene	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	0.963	D	0.105	0.727	mg/kg dry
Benzidine	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	1.65	1.82	mg/kg dry
Benzo(a)anthracene	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	2.46	D	0.0732	0.727	mg/kg dry
Benzo(a)pyrene	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	3.04	D	0.127	0.727	mg/kg dry
Benzo(b)fluoranthene	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	5.23	D	0.102	0.727	mg/kg dry
Benzo(g,h,i)perylene	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	1.43	D	0.0590	0.727	mg/kg dry
Benzo(k)fluoranthene	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	1.85	D	0.0836	0.727	mg/kg dry
bis(2-chloroethoxy)methane	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.101	0.727	mg/kg dry
bis(2-chloroethyl)ether	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.0795	0.727	mg/kg dry
bis(2-chloroisopropyl)ether	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.262	0.727	mg/kg dry
bis(2-ethylhexyl)phthalate	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	1.23	D	0.145	0.727	mg/kg dry
Butylbenzylphthalate	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	2.59	D	0.0661	0.727	mg/kg dry
Chrysene	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	2.83	D	0.0498	0.727	mg/kg dry
Di-benzo(a,h)anthracene	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	0.450	J, D	0.0721	0.727	mg/kg dry
Diethylphthalate	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.141	0.727	mg/kg dry
Dimethylphthalate	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.0451	0.727	mg/kg dry
Di-n-butylphthalate	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	0.799	D	0.297	0.727	mg/kg dry
Di-n-octylphthalate	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.149	0.727	mg/kg dry
Fluoranthene	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	5.66	D	0.0683	0.727	mg/kg dry
Fluorene	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.0627	0.727	mg/kg dry
Hexachlorobenzene	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.0951	0.727	mg/kg dry
Hexachlorobutadiene	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.349	0.727	mg/kg dry
Hexachlorocyclopentadiene	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.303	1.82	mg/kg dry
Hexachloroethane	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.0798	0.727	mg/kg dry
Indeno(1,2,3-cd)pyrene	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	1.43	D	0.0782	0.727	mg/kg dry
Isophorone	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.0477	0.727	mg/kg dry
Naphthalene	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.0539	0.727	mg/kg dry
Nitrobenzene	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.124	0.727	mg/kg dry
n-Nitroso-dimethylamine	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.259	0.727	mg/kg dry
n-Nitroso-di-n-propylamine	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.0390	0.727	mg/kg dry
n-Nitrosodiphenylamine	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.155	0.727	mg/kg dry
Pentachlorophenol	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.100	1.82	mg/kg dry
Phenanthrene	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	2.44	D	0.0956	0.727	mg/kg dry
Phenol	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	ND	U	0.0590	0.727	mg/kg dry

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Analytical Results Summary

21-23 Wayne
8070171-04 (Soil)

SP-4

Collected
07/03/2018 10:25Received
07/05/2018 16:45Contact
Rich Uberti

Lab Section/								
Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
BNA+25 Semivolatile Organics - GC/MS								
Pyrene	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	4.23	D	0.0535	0.727	mg/kg dry
BNA+25 Semivolatile Organics - GC/MS TIC								
Benz[e]acephenanthrylene	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	2.27	J, D			mg/kg dry
				TIC Total: 2.27				
Pesticides								
4,4'-DDD	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000860	0.00142	mg/kg dry
4,4'-DDE	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.00101	0.00142	mg/kg dry
4,4'-DDT	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000882	0.00142	mg/kg dry
Aldrin	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000882	0.00142	mg/kg dry
alpha-BHC	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000550	0.00142	mg/kg dry
beta-BHC	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.00140	0.00142	mg/kg dry
Chlordane	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	0.0373		0.00103	0.00142	mg/kg dry
delta-BHC	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.00110	0.00142	mg/kg dry
aldrin	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000785	0.00142	mg/kg dry
Endosulfan I	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000984	0.00142	mg/kg dry
Endosulfan II	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000773	0.00142	mg/kg dry
Endosulfan sulfate	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000773	0.00142	mg/kg dry
Endrin	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000729	0.00142	mg/kg dry
Endrin aldehyde	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000607	0.00142	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000549	0.00142	mg/kg dry
Heptachlor	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000831	0.00142	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000989	0.00142	mg/kg dry
Methoxychlor	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000904	0.00142	mg/kg dry
Toxaphene	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.0221	0.0721	mg/kg dry
PCBs								
Aroclor-1016	SW 846 8082A	07/12/18 08:54	07/13/18 20:54	ND	U	0.000643	0.0361	mg/kg dry
Aroclor-1221	SW 846 8082A	07/12/18 08:54	07/13/18 20:54	ND	U	0.00111	0.0361	mg/kg dry
Aroclor-1232	SW 846 8082A	07/12/18 08:54	07/13/18 20:54	ND	U	0.000849	0.0361	mg/kg dry
Aroclor-1242	SW 846 8082A	07/12/18 08:54	07/13/18 20:54	ND	U	0.00122	0.0361	mg/kg dry
Aroclor-1248	SW 846 8082A	07/12/18 08:54	07/13/18 20:54	ND	U	0.000846	0.0361	mg/kg dry
Aroclor-1254	SW 846 8082A	07/12/18 08:54	07/13/18 20:54	ND	U	0.00129	0.0361	mg/kg dry
Aroclor-1260	SW 846 8082A	07/12/18 08:54	07/13/18 20:54	1.21		0.00137	0.0361	mg/kg dry
Total PCBs	SW 846 8082A	07/12/18 08:54	07/13/18 20:54	1.21		0.000643	0.0361	mg/kg dry

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Analytical Results Summary

 21-23 Wayne
 8070171-04 (Soil)

SP-4

 Collected
 07/03/2018 10:25

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/								
Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
BNA+25 Semivolatile Organics - GC/MS								
Pyrene	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	4.23	D	0.0535	0.727	mg/kg dry
BNA+25 Semivolatile Organics - GC/MS TIC								
Benz[a]acephenanthrylene	SW 846 8270D	07/11/18 08:47	07/12/18 02:50	2.27	J, D			mg/kg dry
				TIC Total: 2.27				
Pesticides								
4,4'-DDD	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000880	0.00142	mg/kg dry
4,4'-DDE	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.00101	0.00142	mg/kg dry
4,4'-DDT	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000882	0.00142	mg/kg dry
Aldrin	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000882	0.00142	mg/kg dry
alpha-BHC	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000550	0.00142	mg/kg dry
beta-BHC	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.00140	0.00142	mg/kg dry
Chlordane	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	8.8373		0.00103	0.00142	mg/kg dry
delta-BHC	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.00110	0.00142	mg/kg dry
Endrin	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000765	0.00142	mg/kg dry
Endosulfan I	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000884	0.00142	mg/kg dry
Endosulfan II	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000773	0.00142	mg/kg dry
Endosulfan sulfate	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000773	0.00142	mg/kg dry
Endrin	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000729	0.00142	mg/kg dry
Endrin aldehyde	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000507	0.00142	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000649	0.00142	mg/kg dry
Heptachlor	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000831	0.00142	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000889	0.00142	mg/kg dry
Methoxychlor	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.000904	0.00142	mg/kg dry
Toxaphene	SW 846 8081B	07/12/18 09:00	07/14/18 00:32	ND	U	0.0221	0.0721	mg/kg dry
PCBs								
Aroclor-1016	SW 846 8082A	07/12/18 08:54	07/13/18 20:54	ND	U	0.000843	0.0361	mg/kg dry
Aroclor-1221	SW 846 8082A	07/12/18 08:54	07/13/18 20:54	ND	U	0.00111	0.0361	mg/kg dry
Aroclor-1232	SW 846 8082A	07/12/18 08:54	07/13/18 20:54	ND	U	0.000649	0.0361	mg/kg dry
Aroclor-1242	SW 846 8082A	07/12/18 08:54	07/13/18 20:54	ND	U	0.00122	0.0361	mg/kg dry
Aroclor-1248	SW 846 8082A	07/12/18 08:54	07/13/18 20:54	ND	U	0.000846	0.0361	mg/kg dry
Aroclor-1254	SW 846 8082A	07/12/18 08:54	07/13/18 20:54	ND	U	0.00129	0.0361	mg/kg dry
Aroclor-1260	SW 846 8082A	07/12/18 08:54	07/13/18 20:54	1.21		0.00137	0.0361	mg/kg dry
Total PCBs	SW 846 8082A	07/12/18 08:54	07/13/18 20:54	1.21		0.000643	0.0361	mg/kg dry

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Analytical Results Summary

 21-23 Wayne
 8070171-04 (Soil)

SP-4

 Collected
 07/03/2018 10:25

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
VO+15 Volatile Organics - GC/MS								
1,1,1-Trichloroethane	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000319	0.00219	mg/kg dry
1,1,2,2-Tetrachloroethane	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000302	0.00219	mg/kg dry
1,1,2-Trichloroethane	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000368	0.00219	mg/kg dry
1,1-Dichloroethane	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000319	0.00219	mg/kg dry
1,1-Dichloroethene	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000404	0.00219	mg/kg dry
1,2-Dichlorobenzene	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000386	0.00219	mg/kg dry
1,2-Dichloroethane	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000306	0.00219	mg/kg dry
1,2-Dichloropropene	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000359	0.00219	mg/kg dry
1,3-Dichlorobenzene	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000181	0.00219	mg/kg dry
1,4-Dichlorobenzene	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000316	0.00219	mg/kg dry
2-Chloroethylvinyl Ether	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000472	0.00219	mg/kg dry
Acrolein	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.00118	0.00219	mg/kg dry
Acrylonitrile	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000510	0.00219	mg/kg dry
Aroclene	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000199	0.00219	mg/kg dry
Bromodichloromethane	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000274	0.00219	mg/kg dry
Bromoform	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000384	0.00219	mg/kg dry
Bromomethane	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000631	0.00219	mg/kg dry
Carbon Tetrachloride	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000329	0.00219	mg/kg dry
Chlorobenzene	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000317	0.00219	mg/kg dry
Chloroethane	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000373	0.00219	mg/kg dry
Chloroform	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000387	0.00219	mg/kg dry
Chloromethane	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000842	0.00219	mg/kg dry
cis-1,2-Dichloroethane	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000106	0.00219	mg/kg dry
cis-1,3-Dichloropropene	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000277	0.00219	mg/kg dry
Dibromochloromethane	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000269	0.00219	mg/kg dry
Dichlorodifluoromethane	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000738	0.00219	mg/kg dry
Ethylbenzene	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000296	0.00219	mg/kg dry
Methylene Chloride	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000657	0.00219	mg/kg dry
Tetrachloroethane	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000216	0.00219	mg/kg dry
Toluene	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000176	0.00219	mg/kg dry
Total Xylenes	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000281	0.00219	mg/kg dry
trans-1,2-Dichloroethene	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000296	0.00219	mg/kg dry
trans-1,3-Dichloropropene	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000418	0.00219	mg/kg dry
Trichloroethane	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000321	0.00219	mg/kg dry
Trichlorodifluoromethane	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000251	0.00219	mg/kg dry

FootNotes

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 MDL - Minimum detection limit
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 D - Indicates result is based on a dilution
 P - Greater than 25% diff. between 2 GC columns.
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AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

21-23 Wayne
8070171-04 (Soil)

SP-4

Collected
07/03/2018 10:25

Received
07/05/2018 16:45

Contact
Rich Uberti

Lab Section/ Analysis									
Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units		
VO+15 Volatile Organics - GC/MS									
Vinyl chloride	SW 846 8260C	07/11/18 17:02	07/11/18 17:02	ND	U	0.000415	0.00219	mg/kg dry	

Footnotes

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Analytical Results Summary

 21-23 Wayne
 8070171-05 (Soil)

VC-1

 Collected
 07/03/2018 12:30

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Cyanide	SW 846 9014	07/13/18 10:30	07/13/18 15:00	ND			0.271	mg/kg dry
Percent Solids	Gravimetric	07/05/18 17:45	07/06/18 10:47	92.4				%
Phenols	SW 846 9065	07/17/18 09:00	07/17/18 16:00	ND			5.41	mg/kg dry
Total Metals								
Antimony	SW 846 6010D	07/19/18 12:26	07/22/18 10:52	ND			1.35	mg/kg dry
Arsenic	SW 846 6010D	07/19/18 12:26	07/22/18 10:52	1.44			1.35	mg/kg dry
Beryllium	SW 846 6010D	07/19/18 12:26	07/22/18 10:52	0.401			0.0271	mg/kg dry
Cadmium	SW 846 6010D	07/19/18 12:26	07/22/18 10:52	0.428			0.271	mg/kg dry
Chromium	SW 846 6010D	07/19/18 12:26	07/22/18 10:52	13.6			0.271	mg/kg dry
Copper	SW 846 6010D	07/19/18 12:26	07/22/18 10:52	56.6			0.271	mg/kg dry
Lead	SW 846 6010D	07/19/18 12:26	07/22/18 10:52	284			1.35	mg/kg dry
Mercury	SW 846 74718	07/17/18 09:00	07/17/18 13:06	ND			0.0482	mg/kg dry
Nickel	SW 846 6010D	07/19/18 12:26	07/22/18 10:52	21.9			0.135	mg/kg dry
Selenium	SW 846 6010D	07/19/18 12:26	07/22/18 10:52	ND			1.35	mg/kg dry
Silver	SW 846 6010D	07/19/18 12:26	07/22/18 10:52	ND			0.541	mg/kg dry
Thallium	SW 846 6010D	07/19/18 12:26	07/22/18 10:52	ND			1.35	mg/kg dry
Zinc	SW 846 6010D	07/19/18 12:26	07/22/18 10:52	392			0.812	mg/kg dry
BNA+25 Semivolatile Organics - GC/MS								
1,2,4-Trichlorobenzene	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0148	0.144	mg/kg dry
1,2-Diphenylhydrazine	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0157	0.144	mg/kg dry
2,4,6-Trichlorophenol	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.00902	0.144	mg/kg dry
2,4-Dichlorophenol	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0145	0.144	mg/kg dry
2,4-Dimethylphenol	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0142	0.144	mg/kg dry
2,4-Dinitrophenol	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0208	0.722	mg/kg dry
2,4-Dinitrotoluene	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0154	0.144	mg/kg dry
2,6-Dinitrotoluene	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0344	0.144	mg/kg dry
2-Chloronaphthalene	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0166	0.144	mg/kg dry
2-Chlorophenol	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0191	0.144	mg/kg dry
2-Nitrophenol	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0160	0.144	mg/kg dry
3,3'-Dichlorobenzidine	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0152	0.144	mg/kg dry
4,6-Dinitro-2-methylphenol	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0272	0.350	mg/kg dry
4-Bromophenyl-phenyl ether	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0208	0.144	mg/kg dry
4-Chloro-3-methylphenol	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0227	0.144	mg/kg dry
4-Chlorophenyl phenyl ether	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.00778	0.144	mg/kg dry

FootNotes

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Analytical Results Summary

 21-23 Wayne
 8070171-05 (Soil)

VC-1

 Collected
 07/03/2018 12:30

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
BNA+25 Semivolatile Organics - GC/MS								
4-Nitrophenol	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.00922	0.144	mg/kg dry
Acenaphthene	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.00822	0.144	mg/kg dry
Acenaphthylene	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.00501	0.144	mg/kg dry
Anthracene	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	0.0371	J	0.0209	0.144	mg/kg dry
Benzidine	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.330	0.360	mg/kg dry
Benzo(a)anthracene	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	0.122	J	0.0145	0.144	mg/kg dry
Benzo(a)pyrene	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	0.141	J	0.0251	0.144	mg/kg dry
Benzo(b)fluoranthene	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	0.214		0.0202	0.144	mg/kg dry
Benzo(g,h,i)perylene	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	0.0610	J	0.0117	0.144	mg/kg dry
Benzo(k)fluoranthene	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	0.0762	J	0.0166	0.144	mg/kg dry
bis(2-chloroethoxy)methane	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0199	0.144	mg/kg dry
bis(2-chloroethyl)ether	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0158	0.144	mg/kg dry
bis(2-chloroisopropyl)ether	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0519	0.144	mg/kg dry
bis(2-ethylhexyl)phthalate	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	0.189		0.0288	0.144	mg/kg dry
diethylphthalate	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0131	0.144	mg/kg dry
Diethylsebacate	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	0.125	J	0.00887	0.144	mg/kg dry
Dibenz(a,h)anthracene	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0143	0.144	mg/kg dry
Diethylphthalate	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0279	0.144	mg/kg dry
Dimethylphthalate	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.00894	0.144	mg/kg dry
Di-n-butylphthalate	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0569	0.144	mg/kg dry
Di-n-octylphthalate	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0296	0.144	mg/kg dry
Fluoranthene	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	0.310		0.0135	0.144	mg/kg dry
Fluorene	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0120	0.144	mg/kg dry
Hexachlorobenzene	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0186	0.144	mg/kg dry
Hexachlorobutadiene	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0692	0.144	mg/kg dry
Hexachlorocyclopentadiene	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0601	0.360	mg/kg dry
Hexachloroethane	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0158	0.144	mg/kg dry
Indeno(1,2,3-cd)pyrene	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	0.0607	J	0.0155	0.144	mg/kg dry
Isophorone	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.00944	0.144	mg/kg dry
Naphthalene	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0107	0.144	mg/kg dry
Nitrobenzene	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0245	0.144	mg/kg dry
n-Nitroso-dimethylamine	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0513	0.144	mg/kg dry
n-Nitroso-di-n-propylamine	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.00772	0.144	mg/kg dry
n-Nitrosodiphenylamine	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0307	0.144	mg/kg dry
Pentachlorophenol	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0198	0.360	mg/kg dry
Phenanthrene	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	0.127	J	0.0189	0.144	mg/kg dry

FootNotes

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 P - Greater than 25% diff. between 2 GC columns.
 H - Indicates a Hold Time violation

Analytical Results Summary

 21-23 Wayne
 8070171-05 (Soil)

VC-1

 Collected
 07/03/2018 12:30

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
BNA+25 Semivolatile Organics - GC/MS								
Phenol	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	ND	U	0.0117	0.144	mg/kg dry
Pyrene	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	0.213		0.0106	0.144	mg/kg dry
BNA+25 Semivolatile Organics - GC/MS TIC								
Cyclotetrasiloxane	SW 846 8270D	07/11/18 08:47	07/11/18 23:49	0.440	J			mg/kg dry
				TIC Total: 0.440				
Pesticides								
4,4'-DDD	SW 846 8081B	07/12/18 09:00	07/14/18 00:55	ND	U	0.000852	0.00141	mg/kg dry
4,4'-DDE	SW 846 8081B	07/12/18 09:00	07/14/18 00:55	ND	U	0.000996	0.00141	mg/kg dry
4,4'-DDT	SW 846 8081B	07/12/18 09:00	07/14/18 00:55	ND	U	0.000875	0.00141	mg/kg dry
Aldrin	SW 846 8081B	07/12/18 09:00	07/14/18 00:55	ND	U	0.000874	0.00141	mg/kg dry
alpha-BHC	SW 846 8081B	07/12/18 09:00	07/14/18 00:55	ND	U	0.000544	0.00141	mg/kg dry
beta-BHC	SW 846 8081B	07/12/18 09:00	07/14/18 00:55	ND	U	0.00139	0.00141	mg/kg dry
Chlordane	SW 846 8081B	07/12/18 09:00	07/14/18 00:55	ND	U	0.000945	0.00141	mg/kg dry
gamma-BHC	SW 846 8081B	07/12/18 09:00	07/14/18 00:55	ND	U	0.00109	0.00141	mg/kg dry
Dieldrin	SW 846 8081B	07/12/18 09:00	07/14/18 00:55	ND	U	0.000758	0.00141	mg/kg dry
Endosulfan I	SW 846 8081B	07/12/18 09:00	07/14/18 00:55	ND	U	0.000974	0.00141	mg/kg dry
Endosulfan II	SW 846 8081B	07/12/18 09:00	07/14/18 00:55	ND	U	0.000765	0.00141	mg/kg dry
Endosulfan sulfate	SW 846 8081B	07/12/18 09:00	07/14/18 00:55	ND	U	0.000765	0.00141	mg/kg dry
Endrin	SW 846 8081B	07/12/18 09:00	07/14/18 00:55	ND	U	0.000722	0.00141	mg/kg dry
Endrin aldehyde	SW 846 8081B	07/12/18 09:00	07/14/18 00:55	ND	U	0.000601	0.00141	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	07/12/18 09:00	07/14/18 00:55	ND	U	0.000843	0.00141	mg/kg dry
Heptachlor	SW 846 8081B	07/12/18 09:00	07/14/18 00:55	ND	U	0.000823	0.00141	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	07/12/18 09:00	07/14/18 00:55	ND	U	0.000880	0.00141	mg/kg dry
Methoxychlor	SW 846 8081B	07/12/18 09:00	07/14/18 00:55	ND	U	0.000895	0.00141	mg/kg dry
Toxaphene	SW 846 8081B	07/12/18 09:00	07/14/18 00:55	ND	U	0.0219	0.0714	mg/kg dry
PCBs								
Aroclor-1016	SW 846 8082A	07/12/18 08:54	07/13/18 21:19	ND	U	0.000837	0.0357	mg/kg dry
Aroclor-1221	SW 846 8082A	07/12/18 08:54	07/13/18 21:19	ND	U	0.00110	0.0357	mg/kg dry
Aroclor-1232	SW 846 8082A	07/12/18 08:54	07/13/18 21:19	ND	U	0.000841	0.0357	mg/kg dry
Aroclor-1242	SW 846 8082A	07/12/18 08:54	07/13/18 21:19	ND	U	0.00121	0.0357	mg/kg dry
Aroclor-1248	SW 846 8082A	07/12/18 08:54	07/13/18 21:19	ND	U	0.000838	0.0357	mg/kg dry
Aroclor-1254	SW 846 8082A	07/12/18 08:54	07/13/18 21:19	ND	U	0.00127	0.0357	mg/kg dry
Aroclor-1260	SW 846 8082A	07/12/18 08:54	07/13/18 21:19	ND	U	0.000942	0.0357	mg/kg dry

FootNotes

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AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

21-23 Wayne
8070171-05 (Soil)

VC-1

Collected
07/03/2018 12:30

Received
07/05/2018 16:45

Contact
Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
PCBs								
Total PCBs	SW 846 8082A	07/12/18 08:54	07/13/18 21:19	ND	U	0.000837	0.0357	mg/kg dry
VO+15 Volatile Organics - GC/MS								
1,1,1-Trichloroethane	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000316	0.00216	mg/kg dry
1,1,2,2-Tetrachloroethane	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000299	0.00216	mg/kg dry
1,1,2-Trichloroethane	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000365	0.00216	mg/kg dry
1,1-Dichloroethane	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000316	0.00216	mg/kg dry
1,1-Dichloroethene	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000401	0.00216	mg/kg dry
1,2-Dichlorobenzene	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000382	0.00216	mg/kg dry
1,2-Dichloroethane	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000305	0.00216	mg/kg dry
1,2-Dichloropropane	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000355	0.00216	mg/kg dry
1,3-Dichlorobenzene	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000159	0.00216	mg/kg dry
1,4-Dichlorobenzene	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000312	0.00216	mg/kg dry
2-Chloroethylvinyl Ether	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000465	0.00216	mg/kg dry
Acrylonitrile	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.00117	0.00216	mg/kg dry
Benzene	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000197	0.00216	mg/kg dry
Bromodichloromethane	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000272	0.00216	mg/kg dry
Bromoform	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000380	0.00216	mg/kg dry
Bromomethane	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000825	0.00216	mg/kg dry
Carbon Tetrachloride	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000326	0.00216	mg/kg dry
Chlorobenzene	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000314	0.00216	mg/kg dry
Chloroethane	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000389	0.00216	mg/kg dry
Chloroform	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000364	0.00216	mg/kg dry
Chloromethane	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000834	0.00216	mg/kg dry
cis-1,2-Dichloroethane	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000105	0.00216	mg/kg dry
cis-1,3-Dichloropropene	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000274	0.00216	mg/kg dry
Dibromochloromethane	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000266	0.00216	mg/kg dry
Dichlorodifluoromethane	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000731	0.00216	mg/kg dry
Ethylbenzene	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000293	0.00216	mg/kg dry
Methylene Chloride	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000851	0.00216	mg/kg dry
Tetrachloroethane	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000214	0.00216	mg/kg dry
Toluene	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000174	0.00216	mg/kg dry
Total Xylenes	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000278	0.00216	mg/kg dry
trans-1,2-Dichloroethane	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000293	0.00216	mg/kg dry
trans-1,3-Dichloropropene	SW 846 8260C	07/11/18 17:30	07/11/18 17:30	ND	U	0.000414	0.00216	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND - Indicates compound analyzed for but not detected
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P - Greater than 25% diff. between 2 GC columns.
H - Indicates a Hold Time violation

Analytical Results Summary21-23 Wayne
8070171-05 (Soil)

VC-1

Collected
07/03/2018 12:30Received
07/05/2018 16:45Contact
Rich Uberti

Lab Section/ Analysis								
Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units	
VO-15 Volatile Organics - GC/MS								
Trichloroethane	SW 846 8260C	07/11/18 17:30 07/11/18 17:30	ND	U	0.000318	0.00216	mg/kg dry	
Trichlorofluoromethane	SW 846 8260C	07/11/18 17:30 07/11/18 17:30	ND	U	0.000249	0.00216	mg/kg dry	
Vinyl chloride	SW 846 8260C	07/11/18 17:30 07/11/18 17:30	ND	U	0.000411	0.00216	mg/kg dry	

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
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H - Indicates a Hold Time violation

Analytical Results Summary

21-23 Wayne
8070171-06 (Soil)

VC-2

Collected
07/03/2018 12:50

Received
07/05/2018 16:45

Contact
Rich Uberti

Lab Section/								
Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Cyanide	SW 846 9014	07/17/18 10:00	07/17/18 14:00	ND			0.303	mg/kg dry
Percent Solids	Gravimetric	07/05/18 17:45	07/06/18 10:47	82.5				%
Phenols	SW 846 9065	07/17/18 09:00	07/17/18 16:00	ND			6.06	mg/kg dry
Total Metals								
Antimony	SW 846 8010D	07/19/18 12:26	07/22/18 10:55	3.58			1.52	mg/kg dry
Arsenic	SW 846 8010D	07/19/18 12:26	07/22/18 10:55	6.24			1.52	mg/kg dry
Beryllium	SW 846 8010D	07/19/18 12:26	07/22/18 10:55	0.124			0.0303	mg/kg dry
Cadmium	SW 846 8010D	07/19/18 12:26	07/22/18 10:55	2.43			0.303	mg/kg dry
Chromium	SW 846 8010D	07/19/18 12:26	07/22/18 10:55	16.9			0.303	mg/kg dry
Copper	SW 846 8010D	07/19/18 12:26	07/22/18 10:55	111			0.303	mg/kg dry
Lead	SW 846 8010D	07/19/18 12:26	07/22/18 10:55	503			1.52	mg/kg dry
Mercury	SW 846 7471B	07/17/18 09:00	07/17/18 13:09	0.276			0.0550	mg/kg dry
Nickel	SW 846 8010D	07/19/18 12:26	07/22/18 10:55	73.6			0.152	mg/kg dry
Selenium	SW 846 8010D	07/19/18 12:26	07/22/18 10:55	ND			1.52	mg/kg dry
Silver	SW 846 8010D	07/19/18 12:26	07/22/18 10:55	ND			0.606	mg/kg dry
Thallium	SW 846 8010D	07/19/18 12:26	07/22/18 10:55	ND			1.52	mg/kg dry
Zinc	SW 846 8010D	07/19/18 12:26	07/22/18 10:55	608			0.606	mg/kg dry
BNA+25 Semivolatile Organics - GC/MS								
1,2,4-Trichlorobenzene	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0332	0.322	mg/kg dry
1,2-Diphenylhydrazine	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0352	0.322	mg/kg dry
2,4,6-Trichlorophenol	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0202	0.322	mg/kg dry
2,4-Dichlorophenol	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0325	0.322	mg/kg dry
2,4-Dimethylphenol	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0318	0.322	mg/kg dry
2,4-Dinitrophenol	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0485	1.62	mg/kg dry
2,4-Dinitrotoluene	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0344	0.322	mg/kg dry
2,6-Dinitrotoluene	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0771	0.322	mg/kg dry
2-Chloronaphthalene	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0371	0.322	mg/kg dry
2-Chlorophenol	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0427	0.322	mg/kg dry
2-Nitrophenol	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0359	0.322	mg/kg dry
3,3'-Dichlorobenzidine	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0339	0.322	mg/kg dry
4,6-Dinitro-2-methylphenol	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0808	0.607	mg/kg dry
4-Bromophenyl-phenyl ether	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0481	0.322	mg/kg dry
4-Chloro-3-methylphenol	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0509	0.322	mg/kg dry
4-Chlorophenyl phenyl ether	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0174	0.322	mg/kg dry

FootNotes

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Analytical Results Summary

 21-23 Wayne
 8070171-06 (Soil)

VC-2

 Collected
 07/03/2018 12:50

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
BNA+25 Semivolatile Organics - GC/MS								
4-Nitrophenol	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0207	0.322	mg/kg dry
Acenaphthene	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	0.122	J, D	0.0184	0.322	mg/kg dry
Acenaphthylene	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	0.0028	J, D	0.0112	0.322	mg/kg dry
Anthracene	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	0.332	D	0.0488	0.322	mg/kg dry
Benzidine	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.738	0.807	mg/kg dry
Benzo(a)anthracene	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	0.707	D	0.0326	0.322	mg/kg dry
Benzo(a)pyrene	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	0.805	D	0.0582	0.322	mg/kg dry
Benzo(b)fluoranthene	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	1.32	D	0.0463	0.322	mg/kg dry
Benzo(g,h,i)perylene	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	0.334	D	0.0262	0.322	mg/kg dry
Benzo(k)fluoranthene	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	0.571	D	0.0371	0.322	mg/kg dry
bis(2-chloroethoxy)methane	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0446	0.322	mg/kg dry
bis(2-chloroethyl)ether	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0354	0.322	mg/kg dry
bis(2-chloroisopropyl)ether	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.116	0.322	mg/kg dry
bis(2-ethylhexyl)phthalate	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	0.453	D	0.0845	0.322	mg/kg dry
di-tert-butylphthalate	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	1.76	D	0.0293	0.322	mg/kg dry
dibenzofurans	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	0.740	D	0.0221	0.322	mg/kg dry
Dibenzo(a,h)anthracene	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	0.104	J, D	0.0320	0.322	mg/kg dry
Diethylphthalate	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0825	0.322	mg/kg dry
Dimethylphthalate	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0200	0.322	mg/kg dry
Di-n-butylphthalate	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	0.366	D	0.132	0.322	mg/kg dry
Di-n-octylphthalate	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0682	0.322	mg/kg dry
Fluoranthene	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	1.81	D	0.0303	0.322	mg/kg dry
Fluorene	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	0.0942	D, J	0.0289	0.322	mg/kg dry
Hexachlorobenzene	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0422	0.322	mg/kg dry
Hexachlorobutadiene	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.155	0.322	mg/kg dry
Hexachlorocyclopentadiene	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.135	0.807	mg/kg dry
Hexachloroethane	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0354	0.322	mg/kg dry
Indeno(1,2,3-cd)pyrene	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	0.315	D, J	0.0347	0.322	mg/kg dry
Isophorone	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0211	0.322	mg/kg dry
Naphthalene	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0239	0.322	mg/kg dry
Nitrobenzene	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0548	0.322	mg/kg dry
n-Nitroso-dimethylamine	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.115	0.322	mg/kg dry
n-Nitroso-di-n-propylamine	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0173	0.322	mg/kg dry
n-Nitrosodiphenylamine	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0688	0.322	mg/kg dry
Pentachlorophenol	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0444	0.807	mg/kg dry
Phenanthrene	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	0.847	D	0.0424	0.322	mg/kg dry

FootNotes

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Analytical Results Summary

 21-23 Wayne
 8070171-06 (Soil)

VC-2

 Collected
 07/03/2018 12:50

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
BNA+25 Semivolatile Organics - GC/MS								
Phenol	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	ND	U	0.0262	0.322	mg/kg dry
Pyrene	SW 846 8270D	07/11/18 08:47	07/12/18 03:15	1.19	D	0.0237	0.322	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	07/12/18 09:00	07/14/18 01:19	ND	U	0.000954	0.00158	mg/kg dry
4,4'-DDE	SW 846 8081B	07/12/18 09:00	07/14/18 01:19	ND	U	0.00112	0.00158	mg/kg dry
4,4'-DDT	SW 846 8081B	07/12/18 09:00	07/14/18 01:19	ND	U	0.000758	0.00158	mg/kg dry
Aldrin	SW 846 8081B	07/12/18 09:00	07/14/18 01:19	ND	U	0.000978	0.00158	mg/kg dry
alpha-BHC	SW 846 8081B	07/12/18 09:00	07/14/18 01:19	ND	U	0.000610	0.00158	mg/kg dry
beta-BHC	SW 846 8081B	07/12/18 09:00	07/14/18 01:19	ND	U	0.00155	0.00158	mg/kg dry
Chlordane	SW 846 8081B	07/12/18 09:00	07/14/18 01:19	0.0112		0.00114	0.00158	mg/kg dry
delta-BHC	SW 846 8081B	07/12/18 09:00	07/14/18 01:19	ND	U	0.00122	0.00158	mg/kg dry
Dieldrin	SW 846 8081B	07/12/18 09:00	07/14/18 01:19	ND	U	0.000848	0.00158	mg/kg dry
Endosulfan I	SW 846 8081B	07/12/18 09:00	07/14/18 01:19	ND	U	0.00109	0.00158	mg/kg dry
Endosulfan II	SW 846 8081B	07/12/18 09:00	07/14/18 01:19	ND	U	0.000857	0.00158	mg/kg dry
Endosulfan sulfate	SW 846 8081B	07/12/18 09:00	07/14/18 01:19	ND	U	0.000857	0.00158	mg/kg dry
Endrin	SW 846 8081B	07/12/18 09:00	07/14/18 01:19	ND	U	0.000808	0.00158	mg/kg dry
Endrin aldehyde	SW 846 8081B	07/12/18 09:00	07/14/18 01:19	ND	U	0.000673	0.00158	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	07/12/18 09:00	07/14/18 01:19	ND	U	0.000720	0.00158	mg/kg dry
Heptachlor	SW 846 8081B	07/12/18 09:00	07/14/18 01:19	ND	U	0.000921	0.00158	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	07/12/18 09:00	07/14/18 01:19	ND	U	0.000885	0.00158	mg/kg dry
Methoxychlor	SW 846 8081B	07/12/18 09:00	07/14/18 01:19	ND	U	0.00100	0.00158	mg/kg dry
Toxaphene	SW 846 8081B	07/12/18 09:00	07/14/18 01:19	ND	U	0.0245	0.0800	mg/kg dry
PCBs								
Aroclor-1016	SW 846 8082A	07/12/18 08:54	07/13/18 22:10	ND	U	0.000713	0.0400	mg/kg dry
Aroclor-1221	SW 846 8082A	07/12/18 08:54	07/13/18 22:10	ND	U	0.00123	0.0400	mg/kg dry
Aroclor-1232	SW 846 8082A	07/12/18 08:54	07/13/18 22:10	ND	U	0.000942	0.0400	mg/kg dry
Aroclor-1242	SW 846 8082A	07/12/18 08:54	07/13/18 22:10	ND	U	0.00136	0.0400	mg/kg dry
Aroclor-1248	SW 846 8082A	07/12/18 08:54	07/13/18 22:10	ND	U	0.000938	0.0400	mg/kg dry
Aroclor-1254	SW 846 8082A	07/12/18 08:54	07/13/18 22:10	ND	U	0.00143	0.0400	mg/kg dry
Aroclor-1260	SW 846 8082A	07/12/18 08:54	07/13/18 22:10	0.282		0.00152	0.0400	mg/kg dry
Total PCBs	SW 846 8082A	07/12/18 08:54	07/13/18 22:10	0.282		0.000713	0.0400	mg/kg dry
VO+15 Volatile Organics - GC/MS								

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Analytical Results Summary

 21-23 Wayne
 8070171-06 (Soil)

VC-2

 Collected
 07/03/2018 12:50

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
VO+16 Volatile Organics - GC/MS								
1,1,1-Trichloroethane	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000354	0.00242	mg/kg dry
1,1,2,2-Tetrachloroethane	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000335	0.00242	mg/kg dry
1,1,2-Trichloroethane	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000408	0.00242	mg/kg dry
1,1-Dichloroethane	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000354	0.00242	mg/kg dry
1,1-Dichloroethene	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000448	0.00242	mg/kg dry
1,2-Dichlorobenzene	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000428	0.00242	mg/kg dry
1,2-Dichloroethane	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000342	0.00242	mg/kg dry
1,2-Dichloropropane	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000398	0.00242	mg/kg dry
1,3-Dichlorobenzene	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000176	0.00242	mg/kg dry
1,4-Dichlorobenzene	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000349	0.00242	mg/kg dry
2-Chloroethyl Vinyl Ether	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000524	0.00242	mg/kg dry
Acrolein	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.00131	0.00242	mg/kg dry
Acrylonitrile	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000566	0.00242	mg/kg dry
Benzene	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000221	0.00242	mg/kg dry
1,1-Dibromochloromethane	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000304	0.00242	mg/kg dry
Bromoform	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000425	0.00242	mg/kg dry
Bromomethane	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000699	0.00242	mg/kg dry
Carbon Tetrachloride	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000355	0.00242	mg/kg dry
Chlorobenzene	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000352	0.00242	mg/kg dry
Chloroethane	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000413	0.00242	mg/kg dry
Chloroform	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000407	0.00242	mg/kg dry
Chloromethane	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000933	0.00242	mg/kg dry
cis-1,2-Dichloroethane	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000117	0.00242	mg/kg dry
cis-1,3-Dichloropropene	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000307	0.00242	mg/kg dry
Dibromochloromethane	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000298	0.00242	mg/kg dry
Dichlorodifluoromethane	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000818	0.00242	mg/kg dry
Ethylbenzene	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000328	0.00242	mg/kg dry
Methylene Chloride	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000728	0.00242	mg/kg dry
Tetrachloroethene	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000240	0.00242	mg/kg dry
Toluene	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000195	0.00242	mg/kg dry
Total Xylenes	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000312	0.00242	mg/kg dry
trans-1,2-Dichloroethane	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000328	0.00242	mg/kg dry
trans-1,3-Dichloropropene	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000483	0.00242	mg/kg dry
Trichloroethene	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000356	0.00242	mg/kg dry
Trichlorofluoromethane	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000279	0.00242	mg/kg dry
Vinyl chloride	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	ND	U	0.000461	0.00242	mg/kg dry

FootNotes

 RL - Reporting limit
 MDL - Minimum detection limit
 ND - Indicates compound analyzed for but not detected
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 E - Concentration exceeds highest calibration standard
 D - Indicates result is based on a dilution
 P - Greater than 25% diff. between 2 GC columns.
 H - Indicates a Hold Time violation

Analytical Results Summary

21-23 Wayne
 8070171-06 (Soil)

VC-2

Collected
 07/03/2018 12:50

Received
 07/05/2018 16:45

Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
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VO+15 Volatile Organics - GC/MS TIC

unknown	SW 846 8260C	07/11/18 17:59	07/11/18 17:59	0.0110	J			mg/kg dry
				TIC Total: 0.0110				

FootNotes

RL - Reporting limit
 MDL - Minimum detection limit
 ND - Indicates compound analyzed for but not detected
 J - Indicates estimated value

B - Indicates compound found in associated blank
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 D - Indicates result is based on a dilution
 P - Greater than 25% diff. between 2 GC columns.
 H - Indicates a Hold Time violation

Analytical Results Summary

 21-23 Wayne
 8070171-07 (Soil)

VC-3

 Collected
 07/03/2018 13:40

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Cyanide	SW 846 9014	07/17/18 10:00	07/17/18 14:00	ND			0.270	mg/kg dry
Percent Solids	Gravimetric	07/05/18 17:45	07/06/18 10:47	92.5				%
Phenols	SW 846 9065	07/17/18 09:00	07/17/18 16:00	ND			5.41	mg/kg dry
Total Metals								
Antimony	SW 846 8010D	07/19/18 12:26	07/22/18 10:58	1.50			1.35	mg/kg dry
Arsenic	SW 846 8010D	07/19/18 12:26	07/22/18 10:58	2.32			1.35	mg/kg dry
Beryllium	SW 846 8010D	07/19/18 12:26	07/22/18 10:58	0.288			0.0270	mg/kg dry
Cadmium	SW 846 8010D	07/19/18 12:26	07/22/18 10:58	2.56			0.270	mg/kg dry
Chromium	SW 846 8010D	07/19/18 12:26	07/22/18 10:58	32.7			0.270	mg/kg dry
Copper	SW 846 8010D	07/19/18 12:26	07/22/18 10:58	204			0.270	mg/kg dry
Lead	SW 846 8010D	07/19/18 12:26	07/22/18 10:58	616			1.35	mg/kg dry
Mercury	SW 846 7471B	07/17/18 09:00	07/17/18 13:12	0.0630			0.0458	mg/kg dry
Nickel	SW 846 8010D	07/19/18 12:26	07/22/18 10:58	159			0.135	mg/kg dry
Selenium	SW 846 8010D	07/19/18 12:26	07/22/18 10:58	ND			1.35	mg/kg dry
Silver	SW 846 8010D	07/19/18 12:26	07/22/18 10:58	ND			0.541	mg/kg dry
Thallium	SW 846 8010D	07/19/18 12:26	07/22/18 10:58	ND			1.35	mg/kg dry
Zinc	SW 846 8010D	07/19/18 12:26	07/23/18 10:51	2430			8.11	mg/kg dry
BNA+25 Semivolatile Organics - GC/MS								
1,2,4-Trichlorobenzene	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.0741	0.719	mg/kg dry
1,2-Diphenylhydrazine	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.0784	0.719	mg/kg dry
2,4,6-Trichlorophenol	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.0450	0.719	mg/kg dry
2,4-Dichlorophenol	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.0725	0.719	mg/kg dry
2,4-Dimethylphenol	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.0708	0.719	mg/kg dry
2,4-Dinitrophenol	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.104	3.61	mg/kg dry
2,4-Dinitrotoluene	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.0768	0.719	mg/kg dry
2,6-Dinitrotoluene	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.172	0.719	mg/kg dry
2-Chloronaphthalene	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.0827	0.719	mg/kg dry
2-Chlorophenol	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.0952	0.719	mg/kg dry
2-Nitrophenol	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.0800	0.719	mg/kg dry
3,3'-Dichlorobenzidine	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.0757	0.719	mg/kg dry
4,6-Dinitro-2-methylphenol	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.136	1.80	mg/kg dry
4-Bromophenyl-phenyl ether	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.103	0.719	mg/kg dry
4-Chloro-3-methylphenol	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.114	0.719	mg/kg dry
4-Chlorophenyl phenyl ether	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.0389	0.719	mg/kg dry
4-Nitrophenol	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.0481	0.719	mg/kg dry

FootNotes

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Analytical Results Summary

 21-23 Wayne
 8070171-07 (Soil)

VC-3

 Collected
 07/03/2018 13:40

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
BNA+25 Semivolatile Organics - GC/MS								
Acenaphthene	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.0410	0.719	mg/kg dry
Acenaphthylene	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.0250	0.719	mg/kg dry
Anthracene	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	0.224	D, J	0.104	0.719	mg/kg dry
Benidine	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	1.65	1.80	mg/kg dry
Benzo(a)anthracene	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	0.511	D, J	0.0725	0.719	mg/kg dry
Benzo(a)pyrene	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	0.586	D, J	0.125	0.719	mg/kg dry
Benzo(b)fluoranthene	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	1.03	D	0.101	0.719	mg/kg dry
Benzo(g,h,i)perylene	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	0.279	D, J	0.0584	0.719	mg/kg dry
Benzo(k)fluoranthene	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	0.339	D, J	0.0827	0.719	mg/kg dry
bis(2-chloroethoxy)methane	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.0995	0.719	mg/kg dry
bis(2-chloroethyl)ether	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.0790	0.719	mg/kg dry
bis(2-chloroisopropyl)ether	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.259	0.719	mg/kg dry
bis(2-ethylhexyl)phthalate	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	2.94	D	0.144	0.719	mg/kg dry
Butylbenzylphthalate	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	4.22	D	0.0654	0.719	mg/kg dry
rysene	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	0.575	D, J	0.0493	0.719	mg/kg dry
benzo(a,h)anthracene	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.0714	0.719	mg/kg dry
Diethylphthalate	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.140	0.719	mg/kg dry
Dimethylphthalate	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.0447	0.719	mg/kg dry
Di-n-butylphthalate	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	0.697	J, D	0.294	0.719	mg/kg dry
Di-n-octylphthalate	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	1.68	D	0.148	0.719	mg/kg dry
Fluoranthene	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	1.16	D	0.0676	0.719	mg/kg dry
Fluorene	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.0800	0.719	mg/kg dry
Hexachlorobenzene	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.0941	0.719	mg/kg dry
Hexachlorobutadiene	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.346	0.719	mg/kg dry
Hexachlorocyclopentadiene	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.300	1.80	mg/kg dry
Hexachloroethane	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.0790	0.719	mg/kg dry
Indeno(1,2,3-cd)pyrene	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	0.267	D, J	0.0773	0.719	mg/kg dry
Isophorone	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.0472	0.719	mg/kg dry
Naphthalene	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.0533	0.719	mg/kg dry
Nitrobenzene	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.122	0.719	mg/kg dry
n-Nitroso-dimethylamine	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.256	0.719	mg/kg dry
n-Nitroso-di-n-propylamine	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.0386	0.719	mg/kg dry
n-Nitrosodiphenylamine	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.154	0.719	mg/kg dry
Pentachlorophenol	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.0990	1.80	mg/kg dry
Phenanthrene	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	0.737	D	0.0946	0.719	mg/kg dry
Phenol	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	ND	U	0.0584	0.719	mg/kg dry

FootNotes

 RL - Reporting limit
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 E - Concentration exceeds highest calibration standard
 D - Indicates result is based on a dilution
 P - Greater than 25% diff. between 2 GC columns.
 H - Indicates a Hold Time violation

Analytical Results Summary

 21-23 Wayne
 8070171-07 (Soil)

VC-3

 Collected
 07/03/2018 13:40

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
BNA+25 Semivolatile Organics - GC/MS								
Pyrene	SW 846 8270D	07/11/18 08:47	07/12/18 03:41	0.930	D	0.0028	0.718	mg/kg dry
Pesticides								
4,4'-DDD	SW 846 8081B	07/12/18 09:00	07/14/18 01:42	ND	U	0.000851	0.00141	mg/kg dry
4,4'-DDE	SW 846 8081B	07/12/18 09:00	07/14/18 01:42	ND	U	0.000995	0.00141	mg/kg dry
4,4'-DDT	SW 846 8081B	07/12/18 09:00	07/14/18 01:42	ND	U	0.000675	0.00141	mg/kg dry
Aldrin	SW 846 8081B	07/12/18 09:00	07/14/18 01:42	ND	U	0.000873	0.00141	mg/kg dry
alpha-BHC	SW 846 8081B	07/12/18 09:00	07/14/18 01:42	ND	U	0.000544	0.00141	mg/kg dry
beta-BHC	SW 846 8081B	07/12/18 09:00	07/14/18 01:42	ND	U	0.00138	0.00141	mg/kg dry
Chlordane	SW 846 8081B	07/12/18 09:00	07/14/18 01:42	ND	U	0.000944	0.00141	mg/kg dry
delta-BHC	SW 846 8081B	07/12/18 09:00	07/14/18 01:42	ND	U	0.00109	0.00141	mg/kg dry
Dieldrin	SW 846 8081B	07/12/18 09:00	07/14/18 01:42	ND	U	0.000757	0.00141	mg/kg dry
Endosulfan I	SW 846 8081B	07/12/18 09:00	07/14/18 01:42	ND	U	0.000973	0.00141	mg/kg dry
Endosulfan II	SW 846 8081B	07/12/18 09:00	07/14/18 01:42	ND	U	0.000765	0.00141	mg/kg dry
Endosulfan sulfate	SW 846 8081B	07/12/18 09:00	07/14/18 01:42	ND	U	0.000765	0.00141	mg/kg dry
Endrin	SW 846 8081B	07/12/18 09:00	07/14/18 01:42	ND	U	0.000721	0.00141	mg/kg dry
Endrin aldehyde	SW 846 8081B	07/12/18 09:00	07/14/18 01:42	ND	U	0.000600	0.00141	mg/kg dry
gamma-BHC (Lindane)	SW 846 8081B	07/12/18 09:00	07/14/18 01:42	ND	U	0.000642	0.00141	mg/kg dry
Heptachlor	SW 846 8081B	07/12/18 09:00	07/14/18 01:42	ND	U	0.000822	0.00141	mg/kg dry
Heptachlor Epoxide	SW 846 8081B	07/12/18 09:00	07/14/18 01:42	ND	U	0.000879	0.00141	mg/kg dry
Methoxychlor	SW 846 8081B	07/12/18 09:00	07/14/18 01:42	ND	U	0.000894	0.00141	mg/kg dry
Toxaphene	SW 846 8081B	07/12/18 09:00	07/14/18 01:42	ND	U	0.0218	0.0714	mg/kg dry
PCBs								
Aroclor-1016	SW 846 8082A	07/12/18 08:54	07/13/18 22:36	ND	U	0.000636	0.0357	mg/kg dry
Aroclor-1221	SW 846 8082A	07/12/18 08:54	07/13/18 22:36	ND	U	0.00110	0.0357	mg/kg dry
Aroclor-1232	SW 846 8082A	07/12/18 08:54	07/13/18 22:36	ND	U	0.000840	0.0357	mg/kg dry
Aroclor-1242	SW 846 8082A	07/12/18 08:54	07/13/18 22:36	ND	U	0.00121	0.0357	mg/kg dry
Aroclor-1248	SW 846 8082A	07/12/18 08:54	07/13/18 22:36	ND	U	0.000837	0.0357	mg/kg dry
Aroclor-1254	SW 846 8082A	07/12/18 08:54	07/13/18 22:36	ND	U	0.00127	0.0357	mg/kg dry
Aroclor-1260	SW 846 8082A	07/12/18 08:54	07/13/18 22:36	0.488		0.000841	0.0357	mg/kg dry
Total PCBs	SW 846 8082A	07/12/18 08:54	07/13/18 22:36	0.488		0.000836	0.0357	mg/kg dry
VO+15 Volatile Organics - GC/MS								
1,1,1-Trichloroethane	SW 846 8280C	07/12/18 18:34	07/12/18 18:34	ND	U	0.000316	0.00216	mg/kg dry

FootNotes

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 MDL - Minimum detection limit
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 P - Greater than 25% diff. between 2 GC columns.
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Analytical Results Summary

 21-23 Wayne
 8070171-07 (Soil)

VC-3

 Collected
 07/03/2018 13:40

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
VO+15 Volatile Organics - GC/MS								
1,1,2,2-Tetrachloroethane	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000299	0.00216	mg/kg dry
1,1,2-Trichloroethane	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000384	0.00216	mg/kg dry
1,1-Dichloroethane	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000316	0.00216	mg/kg dry
1,1-Dichloroethene	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000400	0.00216	mg/kg dry
1,2-Dichlorobenzene	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000382	0.00216	mg/kg dry
1,2-Dichloroethane	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000305	0.00216	mg/kg dry
1,2-Dichloropropane	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000355	0.00216	mg/kg dry
1,3-Dichlorobenzene	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000159	0.00216	mg/kg dry
1,4-Dichlorobenzene	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000311	0.00216	mg/kg dry
2-Chloroethyl Vinyl Ether	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000457	0.00216	mg/kg dry
Acrolein	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.00117	0.00216	mg/kg dry
Acrylonitrile	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000505	0.00216	mg/kg dry
Benzene	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000197	0.00216	mg/kg dry
Bromodichloromethane	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000271	0.00216	mg/kg dry
Bromoform	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000380	0.00216	mg/kg dry
Bromomethane	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000624	0.00216	mg/kg dry
Carbon Tetrachloride	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000326	0.00216	mg/kg dry
Chlorobenzene	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000314	0.00216	mg/kg dry
Chloroethane	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000389	0.00216	mg/kg dry
Chloroform	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000383	0.00216	mg/kg dry
Chloromethane	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000833	0.00216	mg/kg dry
cis-1,2-Dichloroethane	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000105	0.00216	mg/kg dry
cis-1,3-Dichloropropane	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000274	0.00216	mg/kg dry
Dibromochloromethane	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000286	0.00216	mg/kg dry
Dichlorodifluoromethane	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000730	0.00216	mg/kg dry
Ethylbenzene	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000293	0.00216	mg/kg dry
Methylene Chloride	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000650	0.00216	mg/kg dry
Tetrachloroethene	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000214	0.00216	mg/kg dry
Toluene	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000174	0.00216	mg/kg dry
Total Xylenes	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000278	0.00216	mg/kg dry
trans-1,2-Dichloroethane	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000293	0.00216	mg/kg dry
trans-1,3-Dichloropropane	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000413	0.00216	mg/kg dry
Trichloroethane	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000318	0.00216	mg/kg dry
Trichlorofluoromethane	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000249	0.00216	mg/kg dry
Vinyl chloride	SW 846 8260C	07/12/18 16:34	07/12/18 16:34	ND	U	0.000411	0.00216	mg/kg dry

FootNotes

 RL - Reporting limit
 MDL - Minimum detection limit
 ND - Indicates compound analyzed for but not detected
 J - Indicates estimated value

 B - Indicates compound found in associated blank
 E - Concentration exceeds highest calibration standard
 D - Indicates result is based on a dilution
 P - Greater than 25% diff. between 2 GC columns.
 H - Indicates a Hold Time violation

Analytical Results Summary

 21-23 Wayne
 8070171-08 (Soil)

SP-5

 Collected
 07/05/2018 08:45

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	07/05/18 17:45	07/06/18 10:47	82.7				%
Total Metals								
Aluminum	SW 848 6010D	07/19/18 12:28	07/22/18 11:01	16700			3.02	mg/kg dry
Antimony	SW 848 6010D	07/19/18 12:28	07/22/18 11:01	ND			1.51	mg/kg dry
Arsenic	SW 848 6010D	07/19/18 12:28	07/22/18 11:01	3.68			1.81	mg/kg dry
Barium	SW 848 6010D	07/19/18 12:28	07/22/18 11:01	253			0.805	mg/kg dry
Beryllium	SW 848 6010D	07/19/18 12:28	07/22/18 11:01	0.585			0.0302	mg/kg dry
Cadmium	SW 848 6010D	07/19/18 12:28	07/22/18 11:01	4.50			0.302	mg/kg dry
Calcium	SW 848 6010D	07/19/18 12:28	07/22/18 11:01	8820			38.2	mg/kg dry
Chromium	SW 848 6010D	07/19/18 12:28	07/22/18 11:01	21.8			0.302	mg/kg dry
Cobalt	SW 848 6010D	07/19/18 12:28	07/22/18 11:01	4.66			0.242	mg/kg dry
Copper	SW 848 6010D	07/19/18 12:28	07/22/18 11:01	90.7			0.302	mg/kg dry
Iron	SW 848 6010D	07/19/18 12:28	07/23/18 10:54	80700			60.5	mg/kg dry
Lead	SW 848 6010D	07/19/18 12:28	07/22/18 11:01	438			1.51	mg/kg dry
Magnesium	SW 848 6010D	07/19/18 12:28	07/22/18 11:01	3380			60.5	mg/kg dry
Manganese	SW 848 6010D	07/19/18 12:28	07/22/18 11:01	292			0.302	mg/kg dry
Mercury	SW 848 7471B	07/17/18 09:00	07/17/18 13:15	0.189			0.0580	mg/kg dry
Nickel	SW 848 6010D	07/19/18 12:28	07/22/18 11:01	336			0.151	mg/kg dry
Potassium	SW 848 6010D	07/19/18 12:28	07/22/18 11:01	514			121	mg/kg dry
Selenium	SW 848 6010D	07/19/18 12:28	07/22/18 11:01	ND			1.51	mg/kg dry
Silver	SW 848 6010D	07/19/18 12:28	07/22/18 11:01	ND			0.805	mg/kg dry
Sodium	SW 848 6010D	07/19/18 12:28	07/22/18 11:01	907			60.5	mg/kg dry
Thallium	SW 848 6010D	07/19/18 12:28	07/22/18 11:01	ND			1.51	mg/kg dry
Vanadium	SW 848 6010D	07/19/18 12:28	07/22/18 11:01	18.8			0.605	mg/kg dry
Zinc	SW 848 6010D	07/19/18 12:28	07/23/18 11:35	4720			90.7	mg/kg dry
TPHC (DRO) Diesel Range Organics								
TPHC (DRO)	SW 848 8015B	07/08/18 15:19	07/08/18 16:39	412		14.5	60.5	mg/kg dry
TPHC (GRO) Gasoline Range Organics								
Gasoline Range Organics	SW 848 8015B	07/08/18 15:57	07/08/18 15:57	ND	U	60.5	60.5	mg/kg dry

FootNotes

 RL - Reporting limit
 MDL - Minimum detection limit
 ND - Indicates compound analyzed for but not detected
 J - Indicates estimated value

 B - Indicates compound found in associated blank
 E - Concentration exceeds highest calibration standard
 D - Indicates result is based on a dilution
 P - Greater than 25% diff. between 2 GC columns.
 H - Indicates a Hold Time violation

Analytical Results Summary

 21-23 Wayne
 8070171-09 (Soil)

SP-6

 Collected
 07/05/2018 09:00

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	07/05/18 17:45	07/06/18 10:47	92.0				%
Total Metals								
Aluminum	SW 846 6010D	07/19/18 12:26	07/22/18 11:04	8370			2.72	mg/kg dry
Antimony	SW 846 6010D	07/19/18 12:26	07/22/18 11:04	ND			1.36	mg/kg dry
Arsenic	SW 846 6010D	07/19/18 12:26	07/22/18 11:04	ND			1.36	mg/kg dry
Barium	SW 846 6010D	07/19/18 12:26	07/22/18 11:04	56.8			0.544	mg/kg dry
Beryllium	SW 846 6010D	07/19/18 12:26	07/22/18 11:04	0.329			0.0272	mg/kg dry
Cadmium	SW 846 6010D	07/19/18 12:26	07/22/18 11:04	ND			0.272	mg/kg dry
Calcium	SW 846 6010D	07/19/18 12:26	07/22/18 11:04	4620			27.2	mg/kg dry
Chromium	SW 846 6010D	07/19/18 12:26	07/22/18 11:04	9.65			0.272	mg/kg dry
Cobalt	SW 846 6010D	07/19/18 12:26	07/22/18 11:04	4.46			0.217	mg/kg dry
Copper	SW 846 6010D	07/19/18 12:26	07/22/18 11:04	51.1			0.272	mg/kg dry
Iron	SW 846 6010D	07/19/18 12:26	07/22/18 11:04	13900			5.44	mg/kg dry
Lead	SW 846 6010D	07/19/18 12:26	07/22/18 11:04	90.2			1.36	mg/kg dry
Magnesium	SW 846 6010D	07/19/18 12:26	07/22/18 11:04	2580			54.4	mg/kg dry
Manganese	SW 846 6010D	07/19/18 12:26	07/22/18 11:04	288			0.272	mg/kg dry
Mercury	SW 846 7471B	07/17/18 09:00	07/17/18 13:18	ND			0.0460	mg/kg dry
Nickel	SW 846 6010D	07/19/18 12:26	07/22/18 11:04	36.1			0.136	mg/kg dry
Potassium	SW 846 6010D	07/19/18 12:26	07/22/18 11:04	516			109	mg/kg dry
Selenium	SW 846 6010D	07/19/18 12:26	07/22/18 11:04	ND			1.36	mg/kg dry
Silver	SW 846 6010D	07/19/18 12:26	07/22/18 11:04	ND			0.544	mg/kg dry
Sodium	SW 846 6010D	07/19/18 12:26	07/22/18 11:04	245			54.4	mg/kg dry
Thallium	SW 846 6010D	07/19/18 12:26	07/22/18 11:04	ND			1.36	mg/kg dry
Vanadium	SW 846 6010D	07/19/18 12:26	07/22/18 11:04	16.5			0.544	mg/kg dry
Zinc	SW 846 6010D	07/19/18 12:26	07/22/18 11:04	536			0.816	mg/kg dry
TPHC (DRO) Diesel Range Organics								
TPHC (DRO)	SW 846 8015B	07/08/18 15:19	07/09/18 16:55	ND	U	13.0	54.4	mg/kg dry
TPHC (GRO) Gasoline Range Organics								
Gasoline Range Organics	SW 846 8015B	07/08/18 16:30	07/08/18 16:30	ND	U	54.4	54.4	mg/kg dry

FootNotes

 RL - Reporting limit
 MDL - Minimum detection limit
 ND - Indicates compound analyzed for but not detected
 J - Indicates estimated value

 B - Indicates compound found in associated blank
 E - Concentration exceeds highest calibration standard
 D - Indicates result is based on a dilution
 P - Greater than 25% diff. between 2 GC columns.
 H - Indicates a Hold Time violation

Analytical Results Summary

 21-23 Wayne
 8070171-10 (Soil)

SP-7

 Collected
 07/05/2018 09:15

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	07/05/18 17:45	07/06/18 10:47	70.8				%
Total Metals								
Aluminum	SW 846 8010D	07/19/18 12:26	07/22/18 11:22	10800			3.53	mg/kg dry
Antimony	SW 846 8010D	07/19/18 12:26	07/22/18 11:22	ND			1.77	mg/kg dry
Arsenic	SW 846 8010D	07/19/18 12:26	07/22/18 11:22	4.49			1.77	mg/kg dry
Barium	SW 846 8010D	07/19/18 12:26	07/22/18 11:22	97.8			0.706	mg/kg dry
Beryllium	SW 846 8010D	07/19/18 12:26	07/22/18 11:22	0.427			0.0353	mg/kg dry
Cadmium	SW 846 8010D	07/19/18 12:26	07/22/18 11:22	ND			0.353	mg/kg dry
Calcium	SW 846 8010D	07/19/18 12:26	07/22/18 11:22	2830			35.3	mg/kg dry
Chromium	SW 846 8010D	07/19/18 12:26	07/22/18 11:22	12.9			0.353	mg/kg dry
Cobalt	SW 846 8010D	07/19/18 12:26	07/22/18 11:22	4.59			0.283	mg/kg dry
Copper	SW 846 8010D	07/19/18 12:26	07/22/18 11:22	62.5			0.353	mg/kg dry
Iron	SW 846 8010D	07/19/18 12:26	07/22/18 11:22	17500			7.06	mg/kg dry
Lead	SW 846 8010D	07/19/18 12:26	07/22/18 11:22	210			1.77	mg/kg dry
Magnesium	SW 846 8010D	07/19/18 12:26	07/22/18 11:22	2120			70.6	mg/kg dry
Manganese	SW 846 8010D	07/19/18 12:26	07/22/18 11:22	228			0.353	mg/kg dry
Mercury	SW 846 7471B	07/17/18 09:00	07/17/18 13:22	0.193			0.0569	mg/kg dry
Nickel	SW 846 8010D	07/19/18 12:26	07/22/18 11:22	28.9			0.177	mg/kg dry
Potassium	SW 846 8010D	07/19/18 12:26	07/22/18 11:22	530			141	mg/kg dry
Selenium	SW 846 8010D	07/19/18 12:26	07/22/18 11:22	ND			1.77	mg/kg dry
Silver	SW 846 8010D	07/19/18 12:26	07/22/18 11:22	ND			0.706	mg/kg dry
Sodium	SW 846 8010D	07/19/18 12:26	07/22/18 11:22	389			70.6	mg/kg dry
Thallium	SW 846 8010D	07/19/18 12:26	07/22/18 11:22	ND			1.77	mg/kg dry
Vanadium	SW 846 8010D	07/19/18 12:26	07/22/18 11:22	29.6			0.706	mg/kg dry
Zinc	SW 846 8010D	07/19/18 12:26	07/22/18 11:22	434			1.06	mg/kg dry

TPHC (DRO) Diesel Range Organics

TPHC (DRO)	SW 846 8015B	07/06/18 15:19	07/12/18 15:34	27600	D	84.6	353	mg/kg dry
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TPHC (GRO) Gasoline Range Organics

Gasoline Range Organics	SW 846 8015B	07/06/18 17:03	07/06/18 17:03	ND	U	70.6	70.6	mg/kg dry
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FootNotes

 RL - Reporting limit
 MDL - Minimum detection limit
 ND - Indicates compound analyzed for but not detected
 J - Indicates estimated value

 B - Indicates compound found in associated blank
 E - Concentration exceeds highest calibration standard
 D - Indicates result is based on a dilution
 P - Greater than 25% diff. between 2 GC columns.
 H - Indicates a Hold Time violation

Analytical Results Summary

 21-23 Wayne
 8070171-11 (Soil)

SP-8

 Collected
 07/05/2018 09:30

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	07/05/18 17:45	07/05/18 10:47	78.6				%
Total Metals								
Aluminum	SW 846 6010D	07/19/18 12:26	07/22/18 11:25	13000			3.18	mg/kg dry
Antimony	SW 846 6010D	07/19/18 12:26	07/22/18 11:25	3.85			1.59	mg/kg dry
Arsenic	SW 846 6010D	07/19/18 12:26	07/22/18 11:25	6.05			1.59	mg/kg dry
Barium	SW 846 6010D	07/19/18 12:26	07/22/18 11:25	215			0.636	mg/kg dry
Beryllium	SW 846 6010D	07/19/18 12:26	07/22/18 11:25	0.576			0.0318	mg/kg dry
Cadmium	SW 846 6010D	07/19/18 12:26	07/22/18 11:25	8.53			0.318	mg/kg dry
Calcium	SW 846 6010D	07/19/18 12:26	07/22/18 11:25	2260			31.8	mg/kg dry
Chromium	SW 846 6010D	07/19/18 12:26	07/22/18 11:25	37.6			0.318	mg/kg dry
Cobalt	SW 846 6010D	07/19/18 12:26	07/22/18 11:25	6.47			0.255	mg/kg dry
Copper	SW 846 6010D	07/19/18 12:26	07/22/18 11:25	80.8			0.318	mg/kg dry
Iron	SW 846 6010D	07/19/18 12:26	07/23/18 10:57	56000			63.6	mg/kg dry
Lead	SW 846 6010D	07/19/18 12:26	07/22/18 11:25	458			1.59	mg/kg dry
Magnesium	SW 846 6010D	07/19/18 12:26	07/22/18 11:25	2260			63.6	mg/kg dry
Manganese	SW 846 6010D	07/19/18 12:26	07/22/18 11:25	388			0.318	mg/kg dry
Mercury	SW 846 7471B	07/18/18 08:00	07/18/18 12:35	0.141			0.0548	mg/kg dry
Nickel	SW 846 6010D	07/19/18 12:26	07/22/18 11:25	24.2			0.159	mg/kg dry
Potassium	SW 846 6010D	07/19/18 12:26	07/22/18 11:25	665			127	mg/kg dry
Selenium	SW 846 6010D	07/19/18 12:26	07/22/18 11:25	ND			1.59	mg/kg dry
Silver	SW 846 6010D	07/19/18 12:26	07/22/18 11:25	ND			0.636	mg/kg dry
Sodium	SW 846 6010D	07/19/18 12:26	07/22/18 11:25	732			63.6	mg/kg dry
Thallium	SW 846 6010D	07/19/18 12:26	07/22/18 11:25	ND			1.59	mg/kg dry
Vanadium	SW 846 6010D	07/19/18 12:26	07/22/18 11:25	50.3			0.636	mg/kg dry
Zinc	SW 846 6010D	07/19/18 12:26	07/22/18 11:25	808			0.955	mg/kg dry

TPHC (DRO) Diesel Range Organics

TPHC (DRO)	SW 846 8015B	07/06/18 15:19	07/09/18 17:28	1540		15.3	63.6	mg/kg dry
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TPHC (GRO) Gasoline Range Organics

Gasoline Range Organics	SW 846 8015B	07/06/18 17:36	07/09/18 17:35	ND	U	63.6	63.6	mg/kg dry
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FootNotes

 RL - Reporting limit
 MDL - Minimum detection limit
 ND - Indicates compound analyzed for but not detected
 J - Indicates estimated value

 B - Indicates compound found in associated blank
 E - Concentration exceeds highest calibration standard
 D - Indicates result is based on a dilution
 P - Greater than 25% diff. between 2 GC columns.
 H - Indicates a Hold Time violation

Analytical Results Summary

 21-23 Wayne
 8070171-12 (Soil)

SP-9

 Collected
 07/05/2018 09:45

 Received
 07/06/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	07/05/18 17:45	07/06/18 10:47	97.3				%
Total Metals								
Aluminum	SW 846 6010D	07/19/18 12:26	07/22/18 11:26	5320			2.57	mg/kg dry
Antimony	SW 846 6010D	07/19/18 12:26	07/22/18 11:26	ND			1.28	mg/kg dry
Arsenic	SW 846 6010D	07/19/18 12:26	07/22/18 11:26	1.48			1.28	mg/kg dry
Barium	SW 846 6010D	07/19/18 12:26	07/22/18 11:26	41.9			0.514	mg/kg dry
Beryllium	SW 846 6010D	07/19/18 12:26	07/22/18 11:26	0.193			0.0257	mg/kg dry
Cadmium	SW 846 6010D	07/19/18 12:26	07/22/18 11:26	ND			0.257	mg/kg dry
Calcium	SW 846 6010D	07/19/18 12:26	07/22/18 11:26	7450			25.7	mg/kg dry
Chromium	SW 846 6010D	07/19/18 12:26	07/22/18 11:26	8.29			0.257	mg/kg dry
Cobalt	SW 846 6010D	07/19/18 12:26	07/22/18 11:26	4.06			0.206	mg/kg dry
Copper	SW 846 6010D	07/19/18 12:26	07/22/18 11:26	18.4			0.257	mg/kg dry
Iron	SW 846 6010D	07/19/18 12:26	07/22/18 11:26	13100			5.14	mg/kg dry
Lead	SW 846 6010D	07/19/18 12:26	07/22/18 11:26	66.3			1.28	mg/kg dry
Magnesium	SW 846 6010D	07/19/18 12:26	07/22/18 11:26	3210			51.4	mg/kg dry
Manganese	SW 846 6010D	07/19/18 12:26	07/22/18 11:26	235			0.257	mg/kg dry
Mercury	SW 846 7471B	07/18/18 08:00	07/18/18 11:50	ND			0.0442	mg/kg dry
Nickel	SW 846 6010D	07/19/18 12:26	07/22/18 11:26	10.0			0.128	mg/kg dry
Potassium	SW 846 6010D	07/19/18 12:26	07/22/18 11:26	719			103	mg/kg dry
Selenium	SW 846 6010D	07/19/18 12:26	07/22/18 11:26	ND			1.28	mg/kg dry
Silver	SW 846 6010D	07/19/18 12:26	07/22/18 11:26	ND			0.514	mg/kg dry
Sodium	SW 846 6010D	07/19/18 12:26	07/22/18 11:26	205			51.4	mg/kg dry
Thallium	SW 846 6010D	07/19/18 12:26	07/22/18 11:26	ND			1.28	mg/kg dry
Vanadium	SW 846 6010D	07/19/18 12:26	07/22/18 11:26	11.4			0.514	mg/kg dry
Zinc	SW 846 6010D	07/19/18 12:26	07/22/18 11:26	112			0.770	mg/kg dry

TPHC (DRO) Diesel Range Organics

TPHC (DRO)	SW 846 8015B	07/10/18 15:16	07/12/18 15:16	ND	U	12.3	51.4	mg/kg dry
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TPHC (GRO) Gasoline Range Organics

Gasoline Range Organics	SW 846 8015B	07/06/18 18:09	07/06/18 18:09	ND	U	51.4	51.4	mg/kg dry
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FootNotes

 RL - Reporting limit
 MDL - Minimum detection limit
 ND - Indicates compound analyzed for but not detected
 J - Indicates estimated value

 B - Indicates compound found in associated blank
 E - Concentration exceeds highest calibration standard
 D - Indicates result is based on a dilution
 P - Greater than 25% diff. between 2 GC columns.
 H - Indicates a Hold Time violation

Analytical Results Summary

 21-23 Wayne
 8070171-13 (Soil)

SP-10

 Collected
 07/05/2018 10:00

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	07/05/18 17:45	07/06/18 10:47	83.3				%
Total Metals								
Aluminum	SW 846 6010D	07/19/18 12:26	07/22/18 11:30	12500			3.00	mg/kg dry
Antimony	SW 846 6010D	07/19/18 12:26	07/22/18 11:30	ND			1.50	mg/kg dry
Arsenic	SW 846 6010D	07/19/18 12:26	07/22/18 11:30	2.58			1.50	mg/kg dry
Barium	SW 846 6010D	07/19/18 12:26	07/22/18 11:30	60.3			0.600	mg/kg dry
Beryllium	SW 846 6010D	07/19/18 12:26	07/22/18 11:30	0.482			0.0300	mg/kg dry
Cadmium	SW 846 6010D	07/19/18 12:26	07/22/18 11:30	ND			0.300	mg/kg dry
Calcium	SW 846 6010D	07/19/18 12:26	07/22/18 11:30	1320			30.0	mg/kg dry
Chromium	SW 846 6010D	07/19/18 12:26	07/22/18 11:30	9.83			0.300	mg/kg dry
Cobalt	SW 846 6010D	07/19/18 12:26	07/22/18 11:30	3.83			0.240	mg/kg dry
Copper	SW 846 6010D	07/19/18 12:26	07/22/18 11:30	16.1			0.300	mg/kg dry
Iron	SW 846 6010D	07/19/18 12:26	07/22/18 11:30	15600			6.00	mg/kg dry
Lead	SW 846 6010D	07/19/18 12:26	07/22/18 11:30	65.1			1.50	mg/kg dry
Magnesium	SW 846 6010D	07/19/18 12:26	07/22/18 11:30	1950			60.0	mg/kg dry
Manganese	SW 846 6010D	07/19/18 12:26	07/22/18 11:30	339			0.300	mg/kg dry
Mercury	SW 846 7471B	07/18/18 08:00	07/18/18 12:46	ND			0.0481	mg/kg dry
Nickel	SW 846 6010D	07/19/18 12:26	07/22/18 11:30	13.3			0.150	mg/kg dry
Potassium	SW 846 6010D	07/19/18 12:26	07/22/18 11:30	480			120	mg/kg dry
Selenium	SW 846 6010D	07/19/18 12:26	07/22/18 11:30	ND			1.50	mg/kg dry
Silver	SW 846 6010D	07/19/18 12:26	07/22/18 11:30	ND			0.600	mg/kg dry
Sodium	SW 846 6010D	07/19/18 12:26	07/22/18 11:30	210			60.0	mg/kg dry
Thallium	SW 846 6010D	07/19/18 12:26	07/22/18 11:30	ND			1.50	mg/kg dry
Vanadium	SW 846 6010D	07/19/18 12:26	07/22/18 11:30	15.8			0.600	mg/kg dry
Zinc	SW 846 6010D	07/19/18 12:26	07/22/18 11:30	61.6			0.900	mg/kg dry
TPHC (DRO) Diesel Range Organics								
TPHC (DRO)	SW 846 8015B	07/16/18 16:16	07/18/18 12:34	ND	U	14.4	60.0	mg/kg dry
TPHC (GRO) Gasoline Range Organics								
Gasoline Range Organics	SW 846 8015B	07/06/18 18:42	07/06/18 18:42	ND	U	60.0	60.0	mg/kg dry

FootNotes

 RL - Reporting limit
 MDL - Minimum detection limit
 ND - Indicates compound analyzed for but not detected
 J - Indicates estimated value

 B - Indicates compound found in associated blank
 E - Concentration exceeds highest calibration standard
 D - Indicates result is based on a dilution
 P - Greater than 25% diff. between 2 GC columns.
 H - Indicates a Hold Time violation



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

21-23 Wayne
8070171-14 (Soil)

SP-11

Collected
07/05/2018 10:30

Received
07/05/2018 16:45

Contact
Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	07/05/18 17:45	07/06/18 10:47	93.0				%
Total Metals								
Aluminum	SW 846 6010D	07/19/18 12:26	07/22/18 11:33	10500			2.69	mg/kg dry
Antimony	SW 846 6010D	07/19/18 12:26	07/22/18 11:33	ND			1.34	mg/kg dry
Arsenic	SW 846 6010D	07/19/18 12:26	07/22/18 11:33	ND			1.34	mg/kg dry
Barium	SW 846 6010D	07/19/18 12:26	07/22/18 11:33	44.4			0.538	mg/kg dry
Beryllium	SW 846 6010D	07/19/18 12:26	07/22/18 11:33	0.409			0.0269	mg/kg dry
Cadmium	SW 846 6010D	07/19/18 12:26	07/22/18 11:33	ND			0.269	mg/kg dry
Calcium	SW 846 6010D	07/19/18 12:26	07/22/18 11:33	484			26.9	mg/kg dry
Chromium	SW 846 6010D	07/19/18 12:26	07/22/18 11:33	9.79			0.269	mg/kg dry
Cobalt	SW 846 6010D	07/19/18 12:26	07/22/18 11:33	5.03			0.215	mg/kg dry
Copper	SW 846 6010D	07/19/18 12:26	07/22/18 11:33	13.9			0.269	mg/kg dry
Iron	SW 846 6010D	07/19/18 12:26	07/22/18 11:33	15900			5.38	mg/kg dry
Lithium	SW 846 6010D	07/19/18 12:26	07/22/18 11:33	22.4			1.34	mg/kg dry
Magnesium	SW 846 6010D	07/19/18 12:26	07/22/18 11:33	2880			53.8	mg/kg dry
Manganese	SW 846 6010D	07/19/18 12:26	07/22/18 11:33	352			0.269	mg/kg dry
Mercury	SW 846 7471B	07/18/18 08:00	07/18/18 12:51	ND			0.0488	mg/kg dry
Nickel	SW 846 6010D	07/19/18 12:26	07/22/18 11:33	12.7			0.134	mg/kg dry
Potassium	SW 846 6010D	07/19/18 12:26	07/22/18 11:33	645			198	mg/kg dry
Selenium	SW 846 6010D	07/19/18 12:26	07/22/18 11:33	ND			1.34	mg/kg dry
Silver	SW 846 6010D	07/19/18 12:26	07/22/18 11:33	ND			0.538	mg/kg dry
Sodium	SW 846 6010D	07/19/18 12:26	07/22/18 11:33	161			53.8	mg/kg dry
Thallium	SW 846 6010D	07/19/18 12:26	07/22/18 11:33	ND			1.34	mg/kg dry
Vanadium	SW 846 6010D	07/19/18 12:26	07/22/18 11:33	13.5			0.538	mg/kg dry
Zinc	SW 846 6010D	07/19/18 12:26	07/22/18 11:33	47.8			0.807	mg/kg dry
TPHC (DRO) Diesel Range Organics								
TPHC (DRO)	SW 846 8015B	07/16/18 15:16	07/18/18 12:50	ND	U	12.9	53.8	mg/kg dry
TPHC (GRO) Gasoline Range Organics								
Gasoline Range Organics	SW 846 8015B	07/06/18 19:15	07/06/18 19:15	ND	U	53.8	53.8	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
H - Indicates a Hold Time violation

Analytical Results Summary

 21-23 Wayne
 8070171-15 (Soil)

SP-12

 Collected
 07/05/2018 11:30

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	07/05/18 17:45	07/08/18 10:47	98.0				%
Total Metals								
Aluminum	SW 848 8010D	07/19/18 12:26	07/22/18 11:36	8250		2.60		mg/kg dry
Antimony	SW 848 8010D	07/19/18 12:26	07/22/18 11:36	ND		1.30		mg/kg dry
Arsenic	SW 848 8010D	07/19/18 12:26	07/22/18 11:36	3.67		1.30		mg/kg dry
Barium	SW 848 8010D	07/19/18 12:26	07/22/18 11:36	58.8		0.521		mg/kg dry
Beryllium	SW 848 8010D	07/19/18 12:26	07/22/18 11:36	0.172		0.0260		mg/kg dry
Cadmium	SW 848 8010D	07/19/18 12:26	07/22/18 11:36	ND		0.260		mg/kg dry
Celcium	SW 848 8010D	07/19/18 12:26	07/22/18 11:36	29900		260		mg/kg dry
Chromium	SW 848 8010D	07/19/18 12:26	07/22/18 11:36	16.6		0.260		mg/kg dry
Cobalt	SW 848 8010D	07/19/18 12:26	07/22/18 11:36	5.31		0.260		mg/kg dry
Copper	SW 848 8010D	07/19/18 12:26	07/22/18 11:36	31.6		0.260		mg/kg dry
Iron	SW 848 8010D	07/19/18 12:26	07/22/18 11:36	13500		5.21		mg/kg dry
Lead	SW 848 8010D	07/19/18 12:26	07/22/18 11:36	113		1.30		mg/kg dry
Magnesium	SW 848 8010D	07/19/18 12:26	07/22/18 11:36	5420		52.1		mg/kg dry
Manganese	SW 848 8010D	07/19/18 12:26	07/22/18 11:36	181		0.260		mg/kg dry
Mercury	SW 848 7471B	07/18/18 08:00	07/18/18 12:54	0.0497		0.0490		mg/kg dry
Nickel	SW 848 8010D	07/19/18 12:26	07/22/18 11:36	13.1		0.130		mg/kg dry
Potassium	SW 848 8010D	07/19/18 12:26	07/22/18 11:36	1220		104		mg/kg dry
Selenium	SW 848 8010D	07/19/18 12:26	07/22/18 11:36	ND		1.30		mg/kg dry
Silver	SW 848 8010D	07/19/18 12:26	07/22/18 11:36	ND		0.521		mg/kg dry
Sodium	SW 848 8010D	07/19/18 12:26	07/22/18 11:36	390		52.1		mg/kg dry
Thallium	SW 848 8010D	07/19/18 12:26	07/22/18 11:36	ND		1.30		mg/kg dry
Vanadium	SW 848 8010D	07/19/18 12:26	07/22/18 11:36	24.9		0.521		mg/kg dry
Zinc	SW 848 8010D	07/19/18 12:26	07/22/18 11:36	68.2		0.781		mg/kg dry
TPHC (DRO) Diesel Range Organics								
TPHC (DRO)	SW 848 8015B	07/16/18 15:16	07/18/18 13:06	ND	U	12.5	52.1	mg/kg dry
TPHC (GRO) Gasoline Range Organics								
Gasoline Range Organics	SW 848 8015B	07/08/18 18:45	07/08/18 18:48	ND	U	52.1	52.1	mg/kg dry

FootNotes

 RL - Reporting limit
 MDL - Minimum detection limit
 ND - Indicates compound analyzed for but not detected
 J - Indicates estimated value

 B - Indicates compound found in associated blank
 E - Concentration exceeds highest calibration standard
 D - Indicates result is based on a dilution
 P - Greater than 25% diff. between 2 GC columns.
 H - Indicates a Hold Time violation

Analytical Results Summary

 21-23 Wayne
 8070171-16 (Soil)

SP-13

 Collected
 07/05/2018 11:50

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/										
Analysis	Method	Prepared		Analyzed		Result	Qual	MDL	RL	Units
General Chemistry										
Percent Solids	Gravimetric	07/05/18 17:45	07/06/18 10:47			94.0				%
Total Metals										
Aluminum	SW 846 6010D	07/19/18 12:26	07/22/18 11:39			11700			2.66	mg/kg dry
Antimony	SW 846 6010D	07/19/18 12:26	07/22/18 11:39			ND			1.33	mg/kg dry
Arsenic	SW 846 6010D	07/19/18 12:26	07/22/18 11:39			1.73			1.33	mg/kg dry
Barium	SW 846 6010D	07/19/18 12:26	07/22/18 11:39			51.1			0.532	mg/kg dry
Beryllium	SW 846 6010D	07/19/18 12:26	07/22/18 11:39			0.439			0.0266	mg/kg dry
Cadmium	SW 846 6010D	07/19/18 12:26	07/22/18 11:39			ND			0.266	mg/kg dry
Calcium	SW 846 6010D	07/19/18 12:26	07/22/18 11:39			2890			26.6	mg/kg dry
Chromium	SW 846 6010D	07/19/18 12:26	07/22/18 11:39			11.0			0.266	mg/kg dry
Cobalt	SW 846 6010D	07/19/18 12:26	07/22/18 11:39			5.93			0.213	mg/kg dry
Copper	SW 846 6010D	07/19/18 12:26	07/22/18 11:39			22.0			0.266	mg/kg dry
Iron	SW 846 6010D	07/19/18 12:26	07/22/18 11:39			19700			5.32	mg/kg dry
Lithium	SW 846 6010D	07/19/18 12:26	07/22/18 11:39			79.0			1.33	mg/kg dry
Magnesium	SW 846 6010D	07/19/18 12:26	07/22/18 11:39			5030			53.2	mg/kg dry
Manganese	SW 846 6010D	07/19/18 12:26	07/22/18 11:39			431			0.266	mg/kg dry
Mercury	SW 846 7471B	07/18/18 08:00	07/18/18 12:57			0.129			0.0443	mg/kg dry
Nickel	SW 846 6010D	07/19/18 12:26	07/22/18 11:39			15.9			0.133	mg/kg dry
Potassium	SW 846 6010D	07/19/18 12:26	07/22/18 11:39			812			106	mg/kg dry
Selenium	SW 846 6010D	07/19/18 12:26	07/22/18 11:39			ND			1.33	mg/kg dry
Silver	SW 846 6010D	07/19/18 12:26	07/22/18 11:39			ND			0.532	mg/kg dry
Sodium	SW 846 6010D	07/19/18 12:26	07/22/18 11:39			213			53.2	mg/kg dry
Thallium	SW 846 6010D	07/19/18 12:26	07/22/18 11:39			ND			1.33	mg/kg dry
Vanadium	SW 846 6010D	07/19/18 12:26	07/22/18 11:39			12.1			0.532	mg/kg dry
Zinc	SW 846 6010D	07/19/18 12:26	07/22/18 11:39			92.9			0.766	mg/kg dry
TPHC (DRO) Diesel Range Organics										
TPHC (DRO)	SW 846 8015B	07/18/18 15:16	07/18/18 13:22			ND	U	12.8	53.2	mg/kg dry
TPHC (GRO) Gasoline Range Organics										
Gasoline Range Organics	SW 846 8015B	07/08/18 20:20	07/08/18 20:20			ND	U	53.2	53.2	mg/kg dry

FootNotes

 RL - Reporting limit
 MDL - Minimum detection limit
 ND - Indicates compound analyzed for but not detected
 J - Indicates estimated value

 B - Indicates compound found in associated blank
 E - Concentration exceeds highest calibration standard
 D - Indicates result is based on a dilution
 P - Greater than 25% diff. between 2 GC columns.
 H - Indicates a Hold Time violation

Analytical Results Summary

 21-23 Wayne
 8070171-17 (Soil)

SP-14

 Collected
 07/05/2018 12:15

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	07/05/18 17:45	07/05/18 10:47	92.6				%
Total Metals								
Aluminum	SW 846 8010D	07/19/18 12:28	07/22/18 11:42	9530			2.70	mg/kg dry
Antimony	SW 846 8010D	07/19/18 12:26	07/22/18 11:42	ND			1.35	mg/kg dry
Arsenic	SW 846 8010D	07/19/18 12:26	07/22/18 11:42	ND			1.35	mg/kg dry
Barium	SW 846 8010D	07/19/18 12:26	07/22/18 11:42	33.5			0.540	mg/kg dry
Beryllium	SW 846 8010D	07/19/18 12:26	07/22/18 11:42	0.279			0.0270	mg/kg dry
Cadmium	SW 846 8010D	07/19/18 12:26	07/22/18 11:42	ND			0.270	mg/kg dry
Calcium	SW 846 8010D	07/19/18 12:26	07/22/18 11:42	2590			27.0	mg/kg dry
Chromium	SW 846 8010D	07/19/18 12:26	07/22/18 11:42	8.91			0.270	mg/kg dry
Cobalt	SW 846 8010D	07/19/18 12:26	07/22/18 11:42	8.65			0.216	mg/kg dry
Copper	SW 846 8010D	07/19/18 12:26	07/22/18 11:42	22.9			0.270	mg/kg dry
Iron	SW 846 8010D	07/19/18 12:26	07/22/18 11:42	18200			5.40	mg/kg dry
Lead	SW 846 8010D	07/19/18 12:26	07/22/18 11:42	16.2			1.35	mg/kg dry
Magnesium	SW 846 8010D	07/19/18 12:26	07/22/18 11:42	3910			54.0	mg/kg dry
Manganese	SW 846 8010D	07/19/18 12:26	07/22/18 11:42	343			0.270	mg/kg dry
Mercury	SW 846 7471B	07/19/18 08:00	07/18/18 13:01	ND			0.0539	mg/kg dry
Nickel	SW 846 8010D	07/19/18 12:26	07/22/18 11:42	11.4			0.135	mg/kg dry
Potassium	SW 846 8010D	07/19/18 12:26	07/22/18 11:42	702			108	mg/kg dry
Selenium	SW 846 8010D	07/19/18 12:26	07/22/18 11:42	ND			1.35	mg/kg dry
Silver	SW 846 8010D	07/19/18 12:26	07/22/18 11:42	ND			0.540	mg/kg dry
Sodium	SW 846 8010D	07/19/18 12:26	07/22/18 11:42	459			54.0	mg/kg dry
Thallium	SW 846 8010D	07/19/18 12:26	07/22/18 11:42	ND			1.35	mg/kg dry
Vanadium	SW 846 8010D	07/19/18 12:26	07/22/18 11:42	23.2			9.540	mg/kg dry
Zinc	SW 846 8010D	07/19/18 12:26	07/22/18 11:42	48.7			9.810	mg/kg dry

TPHC (DRO) Diesel Range Organics

TPHC (DRO)	SW 846 8015B	07/18/18 15:16	07/18/18 13:38	ND	U	13.0	54.0	mg/kg dry
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TPHC (GRO) Gasoline Range Organics

Gasoline Range Organics	SW 846 8015B	07/08/18 20:52	07/08/18 20:52	ND	U	54.0	54.0	mg/kg dry
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Footnotes

 RL - Reporting limit
 MDL - Minimum detection limit
 ND - Indicates compound analyzed for but not detected
 J - Indicates estimated value

 B - Indicates compound found in associated blank
 E - Concentration exceeds highest calibration standard
 D - Indicates result is based on a dilution
 P - Greater than 25% diff. between 2 GC columns.
 H - Indicates a Hold Time violation

Analytical Results Summary

 21-23 Wayne
 8070171-18 (Soil)

SP-15

 Collected
 07/05/2018 12:30

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	07/05/18 17:45	07/08/18 10:47	95.9				%
Total Metals								
Aluminum	SW 848 8010D	07/19/18 12:28	07/22/18 11:45	5550			2.61	mg/kg dry
Antimony	SW 848 8010D	07/19/18 12:28	07/22/18 11:45	ND			1.30	mg/kg dry
Arsenic	SW 848 8010D	07/19/18 12:28	07/22/18 11:45	ND			1.30	mg/kg dry
Barium	SW 848 8010D	07/19/18 12:28	07/22/18 11:45	34.1			0.521	mg/kg dry
Beryllium	SW 848 8010D	07/19/18 12:28	07/22/18 11:45	0.224			0.0261	mg/kg dry
Cadmium	SW 848 8010D	07/19/18 12:28	07/22/18 11:45	ND			0.261	mg/kg dry
Calcium	SW 848 8010D	07/19/18 12:28	07/22/18 11:45	3280			25.1	mg/kg dry
Chromium	SW 848 8010D	07/19/18 12:28	07/22/18 11:45	6.51			0.261	mg/kg dry
Cobalt	SW 848 8010D	07/19/18 12:28	07/22/18 11:45	4.79			0.208	mg/kg dry
Copper	SW 848 8010D	07/19/18 12:28	07/22/18 11:45	13.4			0.261	mg/kg dry
Iron	SW 848 8010D	07/19/18 12:28	07/22/18 11:45	13200			5.21	mg/kg dry
Lead	SW 848 8010D	07/19/18 12:28	07/22/18 11:45	11.2			1.30	mg/kg dry
Magnesium	SW 848 8010D	07/19/18 12:28	07/22/18 11:45	2680			52.1	mg/kg dry
Manganese	SW 848 8010D	07/19/18 12:28	07/22/18 11:45	318			0.261	mg/kg dry
Mercury	SW 848 7471B	07/18/18 09:00	07/18/18 13:04	ND			0.0458	mg/kg dry
Nickel	SW 848 8010D	07/19/18 12:28	07/22/18 11:45	9.59			0.130	mg/kg dry
Potassium	SW 848 8010D	07/19/18 12:28	07/22/18 11:45	834			194	mg/kg dry
Selenium	SW 848 8010D	07/19/18 12:28	07/22/18 11:45	ND			1.30	mg/kg dry
Silver	SW 848 8010D	07/19/18 12:28	07/22/18 11:45	ND			0.521	mg/kg dry
Sodium	SW 848 8010D	07/19/18 12:28	07/22/18 11:45	208			52.1	mg/kg dry
Thallium	SW 848 8010D	07/19/18 12:28	07/22/18 11:45	ND			1.30	mg/kg dry
Vanadium	SW 848 8010D	07/19/18 12:28	07/22/18 11:45	10.6			0.521	mg/kg dry
Zinc	SW 848 8010D	07/19/18 12:28	07/22/18 11:45	35.4			0.762	mg/kg dry
TPHC (DRO) Diesel Range Organics								
TPHC (DRO)	SW 848 8015B	07/16/18 15:16	07/18/18 13:54	ND	U	12.5	52.1	mg/kg dry
TPHC (GRO) Gasoline Range Organics								
Gasoline Range Organics	SW 848 8015B	07/08/18 21:25	07/08/18 21:25	ND	U	52.1	52.1	mg/kg dry

FootNotes

 RL - Reporting limit
 MDL - Minimum detection limit
 ND - Indicates compound analyzed for but not detected
 J - Indicates estimated value

 B - Indicates compound found in associated blank
 E - Concentration exceeds highest calibration standard
 D - Indicates result is based on a dilution
 P - Greater than 25% diff. between 2 GC columns.
 H - Indicates a Hold Time violation



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

21-23 Wayne
8070171-19 (Soil)

TP-1

Collected
07/05/2018 12:50

Received
07/05/2018 16:45

Contact
Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	07/05/18 17:45	07/06/18 10:47	82.8				%
Total Metals								
Aluminum	SW 848 6010D	07/19/18 12:28	07/22/18 11:48	12400			3.02	mg/kg dry
Antimony	SW 848 6010D	07/19/18 12:26	07/22/18 11:48	2.54			1.51	mg/kg dry
Arsenic	SW 848 6010D	07/19/18 12:26	07/22/18 11:48	2.82			1.51	mg/kg dry
Barium	SW 848 6010D	07/19/18 12:26	07/22/18 11:48	130			0.604	mg/kg dry
Beryllium	SW 848 6010D	07/19/18 12:26	07/22/18 11:48	0.453			0.0302	mg/kg dry
Cadmium	SW 848 6010D	07/19/18 12:26	07/22/18 11:48	1.66			0.302	mg/kg dry
Calcium	SW 848 6010D	07/19/18 12:26	07/22/18 11:48	1300			30.2	mg/kg dry
Chromium	SW 848 6010D	07/19/18 12:26	07/22/18 11:48	18.5			0.302	mg/kg dry
Cobalt	SW 848 6010D	07/19/18 12:26	07/22/18 11:48	6.19			0.242	mg/kg dry
Copper	SW 848 6010D	07/19/18 12:26	07/22/18 11:48	601			0.302	mg/kg dry
Iron	SW 848 6010D	07/19/18 12:26	07/23/18 11:57	69900			60.4	mg/kg dry
Lead	SW 848 6010D	07/19/18 12:26	07/22/18 11:48	329			1.51	mg/kg dry
Magnesium	SW 848 6010D	07/19/18 12:26	07/22/18 11:48	2050			60.4	mg/kg dry
Manganese	SW 848 6010D	07/19/18 12:26	07/22/18 11:48	328			0.302	mg/kg dry
Mercury	SW 848 7471B	07/18/18 08:00	07/18/18 13:07	0.101			0.0526	mg/kg dry
Nickel	SW 848 6010D	07/19/18 12:26	07/22/18 11:48	276			0.151	mg/kg dry
Potassium	SW 848 6010D	07/19/18 12:26	07/22/18 11:48	483			121	mg/kg dry
Selenium	SW 848 6010D	07/19/18 12:26	07/22/18 11:48	ND			1.51	mg/kg dry
Silver	SW 848 6010D	07/19/18 12:26	07/22/18 11:48	ND			0.604	mg/kg dry
Sodium	SW 848 6010D	07/19/18 12:26	07/22/18 11:48	453			60.4	mg/kg dry
Thallium	SW 848 6010D	07/19/18 12:26	07/22/18 11:48	ND			1.51	mg/kg dry
Vanadium	SW 848 6010D	07/19/18 12:26	07/22/18 11:48	18.0			0.604	mg/kg dry
Zinc	SW 848 6010D	07/19/18 12:26	07/23/18 11:57	2520			9.08	mg/kg dry
TPHC (DRO) Diesel Range Organics								
TPHC (DRO)	SW 848 6015B	07/18/18 15:16	07/18/18 14:11	ND	U	14.5	60.4	mg/kg dry
TPHC (GRO) Gasoline Range Organics								
Gasoline Range Organics	SW 848 6015B	07/10/18 13:43	07/10/18 13:43	ND	U	60.4	60.4	mg/kg dry

FootNotes

RL - Reporting Limit
MDL - Minimum detection limit
ND - indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
H - Indicates a Hold Time violation

Analytical Results Summary

 21-23 Wayne
 8070171-20 (Soil)

TP-2

 Collected
 07/05/2018 13:05

 Received
 07/05/2018 16:45

 Contact
 Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	07/05/18 17:45	07/08/18 10:47	90.7				%
Total Metals								
Aluminum	SW 846 6010D	07/19/18 12:28	07/22/18 12:03	16400			2.76	mg/kg dry
Antimony	SW 846 6010D	07/19/18 12:26	07/22/18 12:03	ND			1.38	mg/kg dry
Arsenic	SW 846 6010D	07/19/18 12:26	07/22/18 12:03	2.01			1.38	mg/kg dry
Barium	SW 846 6010D	07/19/18 12:26	07/22/18 12:03	89.2			0.551	mg/kg dry
Beryllium	SW 846 6010D	07/19/18 12:26	07/22/18 12:03	0.505			0.0276	mg/kg dry
Cadmium	SW 846 6010D	07/19/18 12:26	07/22/18 12:03	ND			0.276	mg/kg dry
Calcium	SW 846 6010D	07/19/18 12:26	07/22/18 12:03	717			27.6	mg/kg dry
Chromium	SW 846 6010D	07/19/18 12:26	07/22/18 12:03	14.4			0.276	mg/kg dry
Cobalt	SW 846 6010D	07/19/18 12:26	07/22/18 12:03	5.43			0.221	mg/kg dry
Copper	SW 846 6010D	07/19/18 12:26	07/22/18 12:03	88.3			0.276	mg/kg dry
Iron	SW 846 6010D	07/19/18 12:26	07/22/18 12:03	21300			5.51	mg/kg dry
Lead	SW 846 6010D	07/19/18 12:26	07/22/18 12:03	65.1			1.38	mg/kg dry
Magnesium	SW 846 6010D	07/19/18 12:26	07/22/18 12:03	2560			55.1	mg/kg dry
Manganese	SW 846 6010D	07/19/18 12:26	07/22/18 12:03	350			0.276	mg/kg dry
Mercury	SW 846 7471B	07/18/18 08:00	07/18/18 13:10	ND			0.0540	mg/kg dry
Nickel	SW 846 6010D	07/19/18 12:26	07/22/18 12:03	33.6			0.138	mg/kg dry
Potassium	SW 846 6010D	07/19/18 12:26	07/22/18 12:03	551			110	mg/kg dry
Selenium	SW 846 6010D	07/19/18 12:26	07/22/18 12:03	ND			1.38	mg/kg dry
Silver	SW 846 6010D	07/19/18 12:26	07/22/18 12:03	ND			0.551	mg/kg dry
Sodium	SW 846 6010D	07/19/18 12:26	07/22/18 12:03	303			55.1	mg/kg dry
Thallium	SW 846 6010D	07/19/18 12:26	07/22/18 12:03	ND			1.38	mg/kg dry
Vanadium	SW 846 6010D	07/19/18 12:26	07/22/18 12:03	18.8			0.551	mg/kg dry
Zinc	SW 846 6010D	07/19/18 12:26	07/22/18 12:03	198			0.827	mg/kg dry
TPHC (DRO) Diesel Range Organics								
TPHC (DRO)	SW 846 8015B	07/18/18 15:16	07/18/18 14:27	ND	U	13.2	55.1	mg/kg dry
TPHC (GRO) Gasoline Range Organics								
Gasoline Range Organics	SW 846 8015B	07/10/18 14:15	07/10/18 14:15	ND	U	55.1	55.1	mg/kg dry

FootNotes

 RL - Reporting limit
 MDL - Minimum detection limit
 ND - Indicates compound analyzed for but not detected
 J - Indicates estimated value

 B - Indicates compound found in associated blank
 E - Concentration exceeds highest calibration standard
 D - Indicates result is based on a dilution
 P - Greater than 25% diff. between 2 GC columns.
 H - Indicates a Hold Time violation

Analytical Results Summary

21-23 Wayne
8070171-21 (Soil)

TP-3

Collected
07/05/2018 13:15

Received
07/05/2018 16:45

Contact
Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	07/05/18 17:45	07/06/18 10:47	84.4				%
Total Metals								
Aluminum	SW 846 8010D	07/19/18 12:26	07/22/18 12:06	13090			2.96	mg/kg dry
Antimony	SW 846 8010D	07/19/18 12:26	07/22/18 12:06	ND			1.48	mg/kg dry
Arsenic	SW 846 8010D	07/19/18 12:26	07/22/18 12:06	2.06			1.48	mg/kg dry
Barium	SW 846 8010D	07/19/18 12:26	07/22/18 12:06	77.7			0.593	mg/kg dry
Beryllium	SW 846 8010D	07/19/18 12:26	07/22/18 12:06	0.442			0.0296	mg/kg dry
Cadmium	SW 846 8010D	07/19/18 12:26	07/22/18 12:06	ND			0.296	mg/kg dry
Calcium	SW 846 8010D	07/19/18 12:26	07/22/18 12:06	1010			29.6	mg/kg dry
Chromium	SW 846 8010D	07/19/18 12:26	07/22/18 12:06	22.4			0.296	mg/kg dry
Cobalt	SW 846 8010D	07/19/18 12:26	07/22/18 12:06	2.88			0.237	mg/kg dry
Copper	SW 846 8010D	07/19/18 12:26	07/22/18 12:06	110			0.296	mg/kg dry
Iron	SW 846 8010D	07/19/18 12:26	07/23/18 12:00	136000			59.3	mg/kg dry
Lead	SW 846 8010D	07/19/18 12:26	07/22/18 12:06	206			1.48	mg/kg dry
Magnesium	SW 846 8010D	07/19/18 12:26	07/23/18 12:06	1980			59.3	mg/kg dry
Manganese	SW 846 8010D	07/19/18 12:26	07/23/18 12:00	1030			2.96	mg/kg dry
Mercury	SW 846 7471B	07/18/18 08:00	07/18/18 13:14	0.103			0.0556	mg/kg dry
Nickel	SW 846 8010D	07/19/18 12:26	07/22/18 12:06	18.6			0.148	mg/kg dry
Potassium	SW 846 8010D	07/19/18 12:26	07/22/18 12:06	474			119	mg/kg dry
Selenium	SW 846 8010D	07/19/18 12:26	07/22/18 12:06	ND			1.48	mg/kg dry
Silver	SW 846 8010D	07/19/18 12:26	07/22/18 12:06	ND			0.593	mg/kg dry
Sodium	SW 846 8010D	07/19/18 12:26	07/22/18 12:06	296			59.3	mg/kg dry
Thallium	SW 846 8010D	07/19/18 12:26	07/22/18 12:06	ND			1.48	mg/kg dry
Vanadium	SW 846 8010D	07/19/18 12:26	07/22/18 12:06	9.51			0.593	mg/kg dry
Zinc	SW 846 8010D	07/19/18 12:26	07/23/18 12:00	2920			8.89	mg/kg dry
TPHC (DRO) Diesel Range Organics								
TPHC (DRO)	SW 846 8015B	07/18/18 15:20	07/18/18 14:43	145		14.2	59.3	mg/kg dry
TPHC (GRO) Gasoline Range Organics								
Gasoline Range Organics	SW 846 8015B	07/10/18 14:46	07/10/18 14:46	ND	U	59.3	59.3	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
H - Indicates a Hold Time violation



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

21-23 Wayne
8070171-22 (Soil)

TP-4

Collected
07/05/2018 13:40

Received
07/05/2018 16:45

Contact
Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	07/05/18 17:45	07/06/18 10:47	88.9				%
Total Metals								
Aluminum	SW 846 6010D	07/19/18 12:26	07/22/18 12:08	13800			2.61	mg/kg dry
Antimony	SW 846 6010D	07/19/18 12:26	07/22/18 12:08	ND			1.41	mg/kg dry
Arsenic	SW 846 6010D	07/19/18 12:26	07/22/18 12:08	2.66			1.41	mg/kg dry
Barium	SW 846 6010D	07/19/18 12:26	07/22/18 12:08	131			0.562	mg/kg dry
Beryllium	SW 846 6010D	07/19/18 12:26	07/22/18 12:08	0.615			0.0281	mg/kg dry
Cadmium	SW 846 6010D	07/19/18 12:26	07/22/18 12:08	ND			0.261	mg/kg dry
Calcium	SW 846 6010D	07/19/18 12:26	07/22/18 12:08	1040			26.1	mg/kg dry
Chromium	SW 846 6010D	07/19/18 12:26	07/22/18 12:08	14.1			0.261	mg/kg dry
Cobalt	SW 846 6010D	07/19/18 12:26	07/22/18 12:08	3.65			0.225	mg/kg dry
Copper	SW 846 6010D	07/19/18 12:26	07/22/18 12:08	41.3			0.261	mg/kg dry
Iron	SW 846 6010D	07/19/18 12:26	07/22/18 12:08	24100			5.62	mg/kg dry
Lead	SW 846 6010D	07/19/18 12:26	07/22/18 12:08	129			1.41	mg/kg dry
Magnesium	SW 846 6010D	07/19/18 12:26	07/22/18 12:08	1910			56.2	mg/kg dry
Manganese	SW 846 6010D	07/19/18 12:26	07/22/18 12:08	422			0.261	mg/kg dry
Mercury	SW 846 7471B	07/18/18 08:00	07/18/18 13:17	0.0616			0.0476	mg/kg dry
Nickel	SW 846 6010D	07/19/18 12:26	07/22/18 12:08	14.4			0.141	mg/kg dry
Potassium	SW 846 6010D	07/19/18 12:26	07/22/18 12:08	478			112	mg/kg dry
Selenium	SW 846 6010D	07/19/18 12:26	07/22/18 12:08	ND			1.41	mg/kg dry
Silver	SW 846 6010D	07/19/18 12:26	07/22/18 12:08	ND			0.562	mg/kg dry
Sodium	SW 846 6010D	07/19/18 12:26	07/22/18 12:08	450			56.2	mg/kg dry
Thallium	SW 846 6010D	07/19/18 12:26	07/22/18 12:08	ND			1.41	mg/kg dry
Vanadium	SW 846 6010D	07/19/18 12:26	07/22/18 12:08	15.5			0.562	mg/kg dry
Zinc	SW 846 6010D	07/19/18 12:26	07/22/18 12:08	543			0.844	mg/kg dry
TPHC (DRO) Diesel Range Organics								
TPHC (DRO)	SW 846 8015B	07/16/18 15:20	07/18/18 14:59	46.4	J	13.5	56.2	mg/kg dry
TPHC (GRO) Gasoline Range Organics								
Gasoline Range Organics	SW 846 8015B	07/10/18 15:22	07/10/18 15:22	ND	U	56.2	56.2	mg/kg dry

FootNotes

RL - Reporting limit
MDL - Minimum detection limit
ND - Indicates compound analyzed for but not detected
J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
H - Indicates a Hold Time violation



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

21-23 Wayne
8070171-23 (Soil)

TP-5

Collected
07/05/2018 14:10

Received
07/05/2018 16:45

Contact
Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	07/05/18 17:45	07/06/18 10:47	83.8				%
Total Metals								
Aluminum	SW 846 8010D	07/19/18 12:26	07/22/18 12:11	14000			2.58	mg/kg dry
Antimony	SW 846 8010D	07/19/18 12:26	07/22/18 12:11	4.59			1.49	mg/kg dry
Arsenic	SW 846 8010D	07/19/18 12:26	07/22/18 12:11	4.56			1.49	mg/kg dry
Barium	SW 846 8010D	07/19/18 12:26	07/23/18 12:03	1680			5.96	mg/kg dry
Beryllium	SW 846 8010D	07/19/18 12:26	07/22/18 12:11	0.462			0.0298	mg/kg dry
Cadmium	SW 846 8010D	07/19/18 12:26	07/22/18 12:11	6.17			0.298	mg/kg dry
Calcium	SW 846 8010D	07/19/18 12:26	07/22/18 12:11	24900			29.8	mg/kg dry
Chromium	SW 846 8010D	07/19/18 12:26	07/22/18 12:11	33.4			0.298	mg/kg dry
Cobalt	SW 846 8010D	07/19/18 12:26	07/22/18 12:11	4.35			0.239	mg/kg dry
Copper	SW 846 8010D	07/19/18 12:26	07/22/18 12:11	285			0.298	mg/kg dry
Iron	SW 846 8010D	07/19/18 12:26	07/23/18 12:03	63900			59.6	mg/kg dry
Lead	SW 846 8010D	07/19/18 12:26	07/23/18 12:03	1720			14.9	mg/kg dry
Magnesium	SW 846 8010D	07/19/18 12:26	07/22/18 12:11	14600			59.6	mg/kg dry
Manganese	SW 846 8010D	07/19/18 12:26	07/22/18 12:11	480			0.298	mg/kg dry
Mercury	SW 846 7471B	07/18/18 08:00	07/18/18 13:30	0.119			0.0532	mg/kg dry
Nickel	SW 846 8010D	07/19/18 12:26	07/22/18 12:11	38.4			0.149	mg/kg dry
Potassium	SW 846 8010D	07/19/18 12:26	07/22/18 12:11	567			119	mg/kg dry
Selenium	SW 846 8010D	07/19/18 12:26	07/22/18 12:11	ND			1.49	mg/kg dry
Silver	SW 846 8010D	07/19/18 12:26	07/22/18 12:11	ND			0.596	mg/kg dry
Sodium	SW 846 8010D	07/19/18 12:26	07/22/18 12:11	3280			59.6	mg/kg dry
Thallium	SW 846 8010D	07/19/18 12:26	07/22/18 12:11	ND			1.49	mg/kg dry
Vanadium	SW 846 8010D	07/19/18 12:26	07/22/18 12:11	15.6			0.596	mg/kg dry
Zinc	SW 846 8010D	07/19/18 12:26	07/23/18 12:03	4470			8.95	mg/kg dry
TPHC (DRO) Diesel Range Organics								
TPHC (DRO)	SW 846 8015B	07/16/18 15:20	07/19/18 08:18	ND	U	14.3	59.6	mg/kg dry
TPHC (GRO) Gasoline Range Organics								
Gasoline Range Organics	SW 846 8015B	07/10/18 15:55	07/10/18 15:55	ND	U	59.6	59.6	mg/kg dry

FootNotes

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J - Indicates estimated value

B - Indicates compound found in associated blank
E - Concentration exceeds highest calibration standard
D - Indicates result is based on a dilution
P - Greater than 25% diff. between 2 GC columns.
H - Indicates a Hold Time violation



AQUA PRO-TECH LABORATORIES
Certified Environmental Testing

Analytical Results Summary

21-23 Wayne
8070171-24 (Soil)

TP-8

Collected
07/05/2018 14:30

Received
07/05/2018 16:45

Contact
Rich Uberti

Lab Section/ Analysis	Method	Prepared	Analyzed	Result	Qual	MDL	RL	Units
General Chemistry								
Percent Solids	Gravimetric	07/05/18 17:45	07/05/18 10:47	81.2				%
Total Metals								
Aluminum	SW 848 6010D	07/19/18 12:26	07/23/18 12:06	89909			30.8	mg/kg dry
Antimony	SW 848 6010D	07/19/18 12:26	07/22/18 12:17	ND			1.54	mg/kg dry
Arsenic	SW 848 6010D	07/19/18 12:26	07/22/18 12:17	4.18			1.54	mg/kg dry
Barium	SW 848 6010D	07/19/18 12:26	07/22/18 12:17	204			0.616	mg/kg dry
Beryllium	SW 848 6010D	07/19/18 12:26	07/22/18 12:17	0.379			0.0308	mg/kg dry
Cadmium	SW 848 6010D	07/19/18 12:26	07/22/18 12:17	19.8			0.308	mg/kg dry
Calcium	SW 848 6010D	07/19/18 12:26	07/22/18 12:17	6220			30.8	mg/kg dry
Chromium	SW 848 6010D	07/19/18 12:26	07/22/18 12:17	23.7			0.308	mg/kg dry
Cobalt	SW 848 6010D	07/19/18 12:26	07/22/18 12:17	5.29			0.248	mg/kg dry
Copper	SW 848 6010D	07/19/18 12:26	07/23/18 12:06	4850			3.03	mg/kg dry
Iron	SW 848 6010D	07/19/18 12:26	07/23/18 12:06	48000			61.6	mg/kg dry
Lead	SW 848 6010D	07/19/18 12:26	07/22/18 12:17	728			1.54	mg/kg dry
Lithium	SW 848 6010D	07/19/18 12:26	07/22/18 12:17	4180			61.6	mg/kg dry
Manganese	SW 848 6010D	07/19/18 12:26	07/22/18 12:17	363			0.308	mg/kg dry
Mercury	SW 848 7471B	07/18/18 08:00	07/18/18 13:33	0.205			0.0915	mg/kg dry
Nickel	SW 848 6010D	07/19/18 12:26	07/22/18 12:17	32.0			0.154	mg/kg dry
Potassium	SW 848 6010D	07/19/18 12:26	07/22/18 12:17	646			123	mg/kg dry
Selenium	SW 848 6010D	07/19/18 12:26	07/22/18 12:17	ND			1.54	mg/kg dry
Silver	SW 848 6010D	07/19/18 12:26	07/22/18 12:17	ND			0.616	mg/kg dry
Sodium	SW 848 6010D	07/19/18 12:26	07/22/18 12:17	739			61.6	mg/kg dry
Thallium	SW 848 6010D	07/19/18 12:26	07/22/18 12:17	ND			1.54	mg/kg dry
Vanadium	SW 848 6010D	07/19/18 12:26	07/22/18 12:17	17.7			0.616	mg/kg dry
Zinc	SW 848 6010D	07/19/18 12:26	07/22/18 12:17	625			0.823	mg/kg dry
TPHC (DRO) Diesel Range Organics								
TPHC (DRO)	SW 848 6015B	07/18/18 15:20	07/18/18 15:32	ND	U	14.8	61.6	mg/kg dry
TPHC (GRO) Gasoline Range Organics								
Gasoline Range Organics	SW 848 6015B	07/10/18 17:06	07/10/18 17:06	ND	U	61.6	61.6	mg/kg dry

FootNotes

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F - Greater than 25% diff. between 2 GC columns.
H - Indicates a Hold Time violation

APL (J70171

ANALYTICAL LABORATORY



www.aquaprotechlabs.com

1275 BLOOMFIELD AVENUE • BUILDING 6
FAIRFIELD, NEW JERSEY 07004

TEL: 973.227.0422
FAX: 973.227.2813

CONTAMINATION LEVEL

☐ HIGH ☐ MEDIUM ☒ LOW

CHAIN OF CUSTODY

CLIENT: <u>ERC Environmental</u>	SEND REPORT TO: <u>ERC</u>
ADDRESS:	ADDRESS:
PHONE:	PHONE:
E-MAIL: <u>rob@ercenviro.com</u>	FAX:
PROJECT NAME: <u>21-23 Wayne</u>	SEND INVOICE TO:
PROJECT MGR: <u>Rich Varti</u>	ADDRESS:
PROJECT or PO #:	SAMPLED BY: <u>R. Varti</u>

PAGE 1 OF 3

TURN-AROUND TIME

☒ APL STANDARD 2 weeks	☒ RESULTS ONLY	☒ EMAIL DELIVERY
☐ RUSH (choose one below)	☐ NJ DEP REDUCED	☐ HAZSITE EOD
☐ 24 hr. date & time required	☐ NJ DEP FULL	☐ EXCEL
☐ 48 hr. date & time required	☐ STATE FORMS/REPORTING	☐ SRPs
☐ 72 hr. date & time required		
☐ 1 week		

MATRIX ABBREVIATIONS: D - DRINKING WATER G - GROUNDWATER W - WASTEWATER S - SOIL SL - SLUDGE C - CONCRETE L - LAKE

SHRINE WATER G- GROUNDWATER W- WASTEWATER S- SOIL SL- SLUDGE C- CONCRETE L- LAKE										
APL Lab ID#	Sample Source: Field ID	Date	Time	Sample Type			No. of Bottles	Preservative	Analysis Requested	
				Matrix	Volume	Notes				
8070171-01	SP-1	7/3/18	9:30	X			5	1	none	PP+40 (NY State)
02	SP-2		9:50							
03	SP-3		10:10							
04	SP-4		10:25							
05	VC-1		12:30							
06	VC-2		12:50							
07	VC-3		13:40							

RELINQUISHED BY (Print) <u>Richard Varti</u>	DATE <u>7/5/18</u>	RECEIVED BY (Print) <u>[Signature]</u>
Signature <u>[Signature]</u>	Time <u>16:45</u>	Signature <u>[Signature]</u>
RELINQUISHED BY (Print)	DATE	RECEIVED BY (Print)
Signature	Time	Signature
RELINQUISHED BY (Print)	DATE	RECEIVED BY (Print)
Signature	Time	Signature
COMMENTS/SPECIAL INSTRUCTIONS <u>NY State</u>		Cooler Temp. upon receipt at lab <u>4.0</u>

CERTIFICATIONS: NELAP (National Environmental Laboratory Accreditation Program) NJDEP #07010 PADEP #68-02903 NYDOH #11634 CTPH #0223 US ARMY
By signing this Chain of Custody Agreement, customer expressly agrees to pay APL for all charges, reasonably incurred in connection with analysis and reporting for these samples