



APPENDIX J
Monitoring Well Construction Logs

Well Sampling Log

Well Designation:	MW001	Sampled By:	JC
Site Address:	676 Maple Street, Yaphank NY	Project Manager:	Andrew Lockwood
Project Name:		Project Number:	SHD1801

Reference Elevation (ft):		Well Use:	Monitoring
Depth to Product (ft):	NP	Product Elevation (ft):	NP
Depth to Water (ft):		Groundwater Elevation (ft):	0.00
Depth to Bottom (ft):		Bottom Elevation (ft):	NM
Height of Water Column (ft):	0.00	Well Diameter (in):	2
Standing Water Volume (gal):	0.00	Calculated Purge Volume (gal):	N/A
Sample Date:		Begin Purge Time:	9:57
Sample Time:		Complete Purge Time:	10:33
Purge Method:	Low Flow - Perry Pump	Sample Method:	Low Flow - Perry Pump
Purge Rate (ml/min):	200.00	Purge Time (min):	36
Actual Purge Volume (gal):	2	Casing Volumes Removed:	N/A
Sample Appearance:	Clear	Odors Observed:	N/A
Analytical Laboratory:	Test America	Notes:	
Date Shipped:			
Headspace (ppm)	0.0		
Analyses Requested:	VOCs (CP-51)		

Field Indicator Parameters

Reading	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L		
1	9:57	14.76	6.122103	16.8777	229.7076	114.4868	6.992918	58.56565	
2	10:00	12.87	6.065542	3402.729	227.817	118.3366	7.856604	55.17341	
3	10:03	12.41	6.078094	109.8415	225.6164	118.4481	7.628394	54.33466	
4	10:06	12.20	6.091567	88.26542	223.9665	112.3569	7.937936	53.9676	
5	10:09	12.14	6.108691	413.9132	223.6208	110.3874	7.765695	53.84318	
6	10:12	12.11	6.120062	4.100498	227.2972	109.6519	7.797012	53.79506	
7	10:15	12.10	6.122581	17.79014	222.2118	109.1182	7.89781	53.77628	
8	10:18	12.03	6.105285	2108.468	223.6447	104.825	7.824122	53.65691	
9	10:21	12.03	6.101595	15262.67	225.6665	105.1076	8.050915	53.64751	
10	10:24	12.00	6.090552	21902.42	228.2795	104.2683	7.852499	53.60764	
11	10:27	11.99	6.069669	7779.038	231.131	102.9536	7.865235	53.58654	
12	10:30	12.02	6.056652	2791.154	233.5343	102.3798	7.865176	53.63873	
13	10:33	12.02	6.043236	7947.605	235.8112	101.8459	7.893726	53.63593	

Take readings every three minutes

Well Sampling Log

Well Designation:	MW002	Sampled By:	JC
Site Address:	676 Maple Street, Yaphank NY	Project Manager:	Andrew Lockwood
Project Name:		Project Number:	SHD1801

Reference Elevation (ft):		Well Use:	Monitoring
Depth to Product (ft):	NP	Product Elevation (ft):	NP
Depth to Water (ft):		Groundwater Elevation (ft):	0.00
Depth to Bottom (ft):		Bottom Elevation (ft):	NM
Height of Water Column (ft):	0.00	Well Diameter (in):	2
Standing Water Volume (gal):	0.00	Calculated Purge Volume (gal):	N/A
Sample Date:		Begin Purge Time:	11:13
Sample Time:		Complete Purge Time:	11:43
Purge Method:	Low Flow - Perry Pump	Sample Method:	Low Flow - Perry Pump
Purge Rate (ml/min):	200.00	Purge Time (min):	30
Actual Purge Volume (gal):		Casing Volumes Removed:	N/A
Sample Appearance:	Clear	Odors Observed:	N/A
Analytical Laboratory:	Test America	Notes:	
Date Shipped:			
Headspace (ppm)	0.0		
Analyses Requested:	VOCs (CP-51)		

Field Indicator Parameters

Reading	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L		
1	11:13	42.17	5.35	46.0	257	49.86782	6.6	74.169	
2	11:16	8.00	5.26	51.0	268	53.25506	9.1	58.76094	
3	11:19	16.76	5.27	606.4	274	54.0166	9.5	56.65777	
4	11:22	17.05	5.26	3972.0	279	53.55111	9.6	55.61253	
5	11:25	17.24	5.35	4272.0	281	58.39432	9.7	55.28739	
6	11:28		5.33	4234.4	283	57.11188	9.77	55.23537	
7	11:31		5.34	16713.0	286	57.32078	9.78	55.06975	
8	11:34		5.30	16261.4	290	56.27481	9.79	54.95489	
9	11:37		5.24	16712.2	296	57.13925	9.79	54.93967	
10	11:40		5.15	13.1	303	57.18281	9.62	54.79345	
11	11:43		5.23	341.5	302	58.31381	9.7	54.471	

Take readings every three minutes

Well Sampling Log

Well Designation:	MW003	Sampled By:	JC
Site Address:	676 Maple Street, Yaphank NY	Project Manager:	Andrew Lockwood
Project Name:		Project Number:	SHD1801

Reference Elevation (ft):		Well Use:	Monitoring
Depth to Product (ft):	NP	Product Elevation (ft):	NP
Depth to Water (ft):		Groundwater Elevation (ft):	0.00
Depth to Bottom (ft):		Bottom Elevation (ft):	NM
Height of Water Column (ft):	0.00	Well Diameter (in):	2
Standing Water Volume (gal):	0.00	Calculated Purge Volume (gal):	N/A

Sample Date:		Begin Purge Time:	10:00
Sample Time:		Complete Purge Time:	10:18

Purge Method:	Low Flow - Perry Pump	Sample Method:	Low Flow - Perry Pump
Purge Rate (ml/min):	200.00	Purge Time (min):	18
Actual Purge Volume (gal):		Casing Volumes Removed:	N/A

Sample Appearance:	Clear	Odors Observed:	N/A
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Analytical Laboratory:	Test America	Notes:
Date Shipped:	7/15/2016	
Headspace (ppm)	0.0	
Analyses Requested:		
VOCs (CP-51)		

Field Indicator Parameters

Reading	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L		
1	12:33	17.47	6.90	2277.5	-65	562.670	3.411169		
2	12:36	13.39	6.94	504.3	-98	456.421	2.000908		
3	12:39	12.75	6.94	244.5	-96	468.762	1.638629		
4	12:42	12.54	6.91	44.3	-99	461.177	1.803464		
5	12:45	12.50	6.88	1864.9	-101	454.053	1.956794		
6	12:48	12.34	6.89	1041.8	-115	456.404	1.850049		
7	12:51	12.38	6.85	37.5	-118	453.220	1.852962		
8	12:54	12.35	6.87	7.9	-121	451.27	1.863621		
9	12:57	12.44	6.85	9.6	-122	450.36	1.872595		
10	13:00	12.37	6.85	10.9	-123	444.86	1.88644		
11	13:03	12.50	6.84	9.9	-123	445.4733	1.888219		

Take readings every three minutes

Well Sampling Log

Well Designation:	MW004	Sampled By:	JC
Site Address:	676 Maple Street, Yaphank NY	Project Manager:	Andrew Lockwood
Project Name:		Project Number:	SHD1801

Reference Elevation (ft):		Well Use:	Monitoring
Depth to Product (ft):	NP	Product Elevation (ft):	NP
Depth to Water (ft):		Groundwater Elevation (ft):	0.00
Depth to Bottom (ft):		Bottom Elevation (ft):	NM
Height of Water Column (ft):	0.00	Well Diameter (in):	2
Standing Water Volume (gal):	0.00	Calculated Purge Volume (gal):	N/A
Sample Date:		Begin Purge Time:	9:40
Sample Time:		Complete Purge Time:	9:52
Purge Method:	Low Flow - Perry Pump	Sample Method:	Low Flow - Perry Pump
Purge Rate (ml/min):	200.00	Purge Time (min):	12
Actual Purge Volume (gal):		Casing Volumes Removed:	N/A
Sample Appearance:	Clear	Odors Observed:	N/A
Analytical Laboratory:	Test America	Notes:	
Date Shipped:	7/15/2016		
Headspace (ppm)	1.0		
Analyses Requested:	VOCs (CP-51)		

Field Indicator Parameters

Reading	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L		
1	9:04	18.23	5.61	0.0	262	0.861	9.87	63.416	
2	9:07	17.77	6.03	0.6	244	264.875	6.68	61.28406	
3	9:10	17.65	6.01	0.4	243	265.782	6.68	59.32327	
4	9:13	17.51	6.00	1.0	242	254.193	6.65	58.96122	
5	9:16	17.51	5.99	57.2	242	264.531	6.60	59.12794	
6	9:19		5.98	59.1	241	268.07	6.58	59.29998	
7	9:22		6.01	70.1	240	264.42	6.64	59.03933	
8	9:25		6.04	66.2	239	262.60	6.68	58.74671	
9	9:28		6.07	58.3	238	265.50	6.85	58.56747	
10	9:31		6.49	0.0	229	3.40	10.15	61.20084	

Take readings every three minutes

Well Sampling Log

Well Designation:	MW005-Shallow	Sampled By:	JC
Site Address:	676 Maple Street, Yaphank NY	Project Manager:	Andrew Lockwood
Project Name:		Project Number:	SHD1801

Reference Elevation (ft):		Well Use:	Monitoring
Depth to Product (ft):	NP	Product Elevation (ft):	NP
Depth to Water (ft):		Groundwater Elevation (ft):	0.00
Depth to Bottom (ft):		Bottom Elevation (ft):	NM
Height of Water Column (ft):	0.00	Well Diameter (in):	2
Standing Water Volume (gal):	0.00	Calculated Purge Volume (gal):	N/A
Sample Date:		Begin Purge Time:	10:35
Sample Time:		Complete Purge Time:	10:59
Purge Method:	Low Flow - Perry Pump	Sample Method:	Low Flow - Perry Pump
Purge Rate (ml/min):	200.00	Purge Time (min):	24
Actual Purge Volume (gal):		Casing Volumes Removed:	N/A
Sample Appearance:	Slightly Turbid	Odors Observed:	N/A
Analytical Laboratory:	Test America	Notes:	
Date Shipped:	7/15/2016		
Headspace (ppm)	0.0		
Analyses Requested:	VOCs (CP-51)		

Field Indicator Parameters

Reading	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L		
1	12:18	18.21	6.15	44	275	1395.416	6.23	69.687	
2	12:21	18.79	6.20	83	264	1638.813	7.24	58.3701	
3	12:24	18.77	6.24	151	259	1598.476	7.43	56.26957	
4	12:27	18.80	6.25	184	256	1552.437	7.62	55.4468	
5	12:30	18.80	6.24	175.6	256	1531.292	7.70	55.16665	
6	12:33	18.82	6.19	418.9	257	1523.474	7.69	55.06591	
7	12:36	18.79	6.11	406.8	260	1514.938	7.75	55.00065	
8	12:39	18.77	6.05	201.2	263	1500.034	7.74	54.84475	
9	12:42	18.70	5.99	211.0	265	1492.190	7.71	54.8821	
10	12:45		5.95	1468	267	1493.191	7.69	54.733	
11	12:48		5.93	1871	268	1485.505	7.68	54.61525	
12	12:51		5.92	6133	268	1473.590	7.70	54.41766	

Take readings every three minutes

Well Sampling Log

Well Designation:	MW005-Deep	Sampled By:	JC
Site Address:	676 Maple Street, Yaphank NY	Project Manager:	Andrew Lockwood
Project Name:		Project Number:	SHD1801

Reference Elevation (ft):		Well Use:	Monitoring
Depth to Product (ft):	NP	Product Elevation (ft):	NP
Depth to Water (ft):		Groundwater Elevation (ft):	0.00
Depth to Bottom (ft):		Bottom Elevation (ft):	NM
Height of Water Column (ft):	0.00	Well Diameter (in):	2
Standing Water Volume (gal):	0.00	Calculated Purge Volume (gal):	N/A
Sample Date:		Begin Purge Time:	11:41
Sample Time:		Complete Purge Time:	11:59
Purge Method:	Low Flow - Perry Pump	Sample Method:	Low Flow - Perry Pump
Purge Rate (ml/min):	200.00	Purge Time (min):	18
Actual Purge Volume (gal):		Casing Volumes Removed:	N/A
Sample Appearance:	Clear	Odors Observed:	N/A
Analytical Laboratory:	Test America	Notes:	
Date Shipped:	7/15/2016		
Headspace (ppm)	0.0		
Analyses Requested:	VOCs (CP-51)		

Field Indicator Parameters

Reading	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L		
1	13:08	23.57	5.37	12	263	311.484	6.17	62.693	
2	13:11	22.68	5.37	9.9	271	298.031	6.12	59.56832	
3	13:14	21.11	5.36	9.5	275	298.853	6.17	59.03082	
4	13:17	21.05	5.35	2.4	279	297.494	6.19	58.9816	
5	13:20	21.04	5.35	25.5	282	297.070	6.22	58.87217	

Take readings every three minutes

Well Sampling Log

Well Designation:	MW006-Shallow	Sampled By:	JC
Site Address:	676 Maple Street, Yaphank NY	Project Manager:	Andrew Lockwood
Project Name:		Project Number:	SHD1801

Reference Elevation (ft):		Well Use:	Monitoring
Depth to Product (ft):	NP	Product Elevation (ft):	NP
Depth to Water (ft):		Groundwater Elevation (ft):	0.00
Depth to Bottom (ft):		Bottom Elevation (ft):	NM
Height of Water Column (ft):	0.00	Well Diameter (in):	2
Standing Water Volume (gal):	0.00	Calculated Purge Volume (gal):	N/A
Sample Date:	5/23/2018	Begin Purge Time:	10:03
Sample Time:	10:30	Complete Purge Time:	10:27
Purge Method:	Low Flow - Perry Pump	Sample Method:	Low Flow - Perry Pump
Purge Rate (ml/min):	200.00	Purge Time (min):	24
Actual Purge Volume (gal):		Casing Volumes Removed:	N/A
Sample Appearance:	Clear	Odors Observed:	N/A
Analytical Laboratory:	Test America	Notes:	
Date Shipped:	5/23/2018		
Headspace (ppm)	0.0		
Analyses Requested:	VOCs (CP-51)		

Field Indicator Parameters

Reading	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L		
1	10:03	13.87	7.60	1000	210	2.130	7.16		
2	10:06	12.88	5.88	1000	275	2.090	5.58		
3	10:09	12.64	5.30	922.0	291	2.010	4.95		
4	10:12	12.47	5.23	730.0	295	1.950	4.91		
5	10:15	12.39	5.27	555.0	297	1.910	4.75		
6	10:18	12.35	5.34	495.0	297	1.860	4.51		
7	10:21	12.36	5.34	423.0	299	1.82	4.28		
8	10:24	12.42	5.33	338.0	300	1.80	4.26		
9	10:27	12.45	5.32	264.0	302	1.78	4.24		

Take readings every three minutes

Well Sampling Log

Well Designation:	MW-008	Sampled By:	JC
Site Address:	676 Maple Street, Yaphank NY	Project Manager:	Andrew Lockwood
Project Name:		Project Number:	SHD1801

Reference Elevation (ft):		Well Use:	Monitoring
Depth to Product (ft):	NP	Product Elevation (ft):	NP
Depth to Water (ft):		Groundwater Elevation (ft):	0.00
Depth to Bottom (ft):		Bottom Elevation (ft):	NM
Height of Water Column (ft):	0.00	Well Diameter (in):	2
Standing Water Volume (gal):	0.00	Calculated Purge Volume (gal):	N/A
Sample Date:	5/23/2018	Begin Purge Time:	10:47
Sample Time:	11:15	Complete Purge Time:	11:05
Purge Method:	Low Flow - Perry Pump	Sample Method:	Low Flow - Perry Pump
Purge Rate (ml/min):	200.00	Purge Time (min):	21
Actual Purge Volume (gal):		Casing Volumes Removed:	N/A
Sample Appearance:	Clear	Odors Observed:	N/A
Analytical Laboratory:	Test America	Notes:	
Date Shipped:	5/23/2018		
Headspace (ppm)	0.0		
Analyses Requested:	VOCs (CP-51)		

Field Indicator Parameters

Reading	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L		
1	10:47	13.47	4.80	39	328	0.507	10.94		
2	10:50	13.59	4.42	26	342	0.446	7.35		
3	10:53	13.65	4.37	15.0	347	0.445	6.58		
4	10:56	13.67	4.37	14.9	348	0.451	6.30		
5	10:59	13.73	4.37	16.8	348	0.453	6.20		
6	11:02	13.79	4.38	19.9	348	0.451	6.16		
7	11:05	13.83	4.39	20.7	347	0.450	6.19		

Take readings every three minutes

Well Sampling Log

Well Designation:	MW007	Sampled By:	JC
Site Address:	676 Maple Street, Yaphank NY	Project Manager:	Andrew Lockwood
Project Name:		Project Number:	SHD1801

Reference Elevation (ft):		Well Use:	Monitoring
Depth to Product (ft):	NP	Product Elevation (ft):	NP
Depth to Water (ft):		Groundwater Elevation (ft):	0.00
Depth to Bottom (ft):		Bottom Elevation (ft):	NM
Height of Water Column (ft):	0.00	Well Diameter (in):	2
Standing Water Volume (gal):	0.00	Calculated Purge Volume (gal):	N/A
Sample Date:	5/23/2018	Begin Purge Time:	12:00
Sample Time:	12:25	Complete Purge Time:	12:21
Purge Method:	Low Flow - Perry Pump	Sample Method:	Low Flow - Perry Pump
Purge Rate (ml/min):	200.00	Purge Time (min):	15
Actual Purge Volume (gal):		Casing Volumes Removed:	N/A
Sample Appearance:	Clear	Odors Observed:	N/A
Analytical Laboratory:	Test America	Notes:	
Date Shipped:	5/23/2018		
Headspace (ppm)	0.0		
Analyses Requested:	VOCs (CP-51)		

Field Indicator Parameters

Reading	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L		
1	12:00	13.96	5.33	209	244	1.770	7.36		
2	12:03	13.34	5.36	131	223	1.740	2.60		
3	12:06	13.23	5.38	105	215	1.710	1.70		
4	12:09	13.09	5.47	75.0	213	1.690	2.85		
5	12:12	13.16	5.50	58.2	217	1.690	3.87		
6	12:15	13.06	5.53	44.5	220	1.690	3.90		
7	12:18	12.99	5.55	35.7	220	1.70	9.92		
8	12:21	12.83	5.55	37.5	220	1.70	3.94		

Take readings every three minutes

Well Sampling Log

Well Designation:	MW008	Sampled By:	JC
Site Address:	676 Maple Street, Yaphank NY	Project Manager:	Andrew Lockwood
Project Name:		Project Number:	SHD1801

Reference Elevation (ft):		Well Use:	Monitoring
Depth to Product (ft):	NP	Product Elevation (ft):	NP
Depth to Water (ft):		Groundwater Elevation (ft):	0.00
Depth to Bottom (ft):		Bottom Elevation (ft):	NM
Height of Water Column (ft):	0.00	Well Diameter (in):	2
Standing Water Volume (gal):	0.00	Calculated Purge Volume (gal):	N/A
Sample Date:		Begin Purge Time:	8:45
Sample Time:		Complete Purge Time:	9:03
Purge Method:	Low Flow - Perry Pump	Sample Method:	Low Flow - Perry Pump
Purge Rate (ml/min):	200.00	Purge Time (min):	18
Actual Purge Volume (gal):		Casing Volumes Removed:	N/A
Sample Appearance:	Clear	Odors Observed:	N/A
Analytical Laboratory:	Test America	Notes:	
Date Shipped:	7/15/2016		
Headspace (ppm)	0.0		
Analyses Requested:	VOCs (CP-51)		

Field Indicator Parameters

Reading	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L		
1	9:57	16.66	5.87	86.6	222	268.922	4.09	73.382	
2	10:00	16.71	5.84	6909.7	225	290.293	1.47	63.52087	
3	10:03	17.40	5.83	22183.8	225	273.653	1.37	60.64971	
4	10:06	17.43	5.85	87.5	224	278.684	1.34	59.30987	
5	10:09	17.44	5.88	104.8	223	275.086	1.62	59.65237	
6	10:12	17.62	5.88	10.2	224	263.410	1.56	58.92864	
7	10:15	17.91	5.85	15.5	226	273.911	1.61	58.61301	
8	10:18		5.80	12.7	230	255.61	2.35	58.5004	
9	10:21		5.71	23.2	236	244.108	2.93	58.17163	
10	10:24		5.62	10610.0	242	219.519	3.33	58.45304	
11	10:27		5.54	27881.8	248	214.437	3.83	58.53022	
12	10:30		5.47	75.9	253	197.600	4.26	58.52209	
13	10:33		5.40	12.6	258	186.053	4.57	58.49199	
14	10:36		5.35	12.1	261	173.93	4.76	58.54956	
15	10:39		5.31	670.0	264	167.182	4.94	59.23906	
16	10:42		5.28	1287.5	266	148.786	4.84	60.8713	
17	10:45		5.27	2613.3	266	147.164	4.67	62.46273	

Take readings every three minutes

Well Sampling Log

Well Designation:	MW009-Shallow	Sampled By:	JC
Site Address:	676 Maple Street, Yaphank NY	Project Manager:	Andrew Lockwood
Project Name:		Project Number:	SHD1801

Reference Elevation (ft):		Well Use:	Monitoring
Depth to Product (ft):	NP	Product Elevation (ft):	NP
Depth to Water (ft):		Groundwater Elevation (ft):	0.00
Depth to Bottom (ft):		Bottom Elevation (ft):	NM
Height of Water Column (ft):	0.00	Well Diameter (in):	2
Standing Water Volume (gal):	0.00	Calculated Purge Volume (gal):	N/A
Sample Date:		Begin Purge Time:	9:22
Sample Time:		Complete Purge Time:	9:34
Purge Method:	Low Flow - Perry Pump	Sample Method:	Low Flow - Perry Pump
Purge Rate (ml/min):	200.00	Purge Time (min):	12
Actual Purge Volume (gal):		Casing Volumes Removed:	N/A
Sample Appearance:	Clear	Odors Observed:	N/A
Analytical Laboratory:	Test America	Notes:	
Date Shipped:	7/15/2016		
Headspace (ppm)	0.0		
Analyses Requested:	VOCs (CP-51)		

Field Indicator Parameters

Reading	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L		
1	11:33	19.35	6.79	655.2	234	134.456	9.0	71.082	
2	11:36	16.76	6.07	4.4	247	109.915	7.5	69.64372	
3	11:39	16.76	5.89	218.9	259	116.158	6.4	62.55979	
4	11:42	17.05	5.92	5.7	261	115.315	7.0	60.73392	
5	11:45	17.24	5.96	0.0	263	109.586	7.2	60.30853	
6	11:48		5.94	2.3	266	108.43	7.05	60.37324	
7	11:51		5.96	3.2	268	100.51	7.35	60.43097	
8	11:54		5.99	482.1	268	167.02	7.30	60.5667	

Take readings every three minutes

Well Sampling Log

Well Designation:	MW009-Deep	Sampled By:	JC
Site Address:	676 Maple Street, Yaphank NY	Project Manager:	Andrew Lockwood
Project Name:		Project Number:	SHD1801

Reference Elevation (ft):		Well Use:	Monitoring
Depth to Product (ft):	NP	Product Elevation (ft):	NP
Depth to Water (ft):		Groundwater Elevation (ft):	0.00
Depth to Bottom (ft):		Bottom Elevation (ft):	NM
Height of Water Column (ft):	0.00	Well Diameter (in):	2
Standing Water Volume (gal):	0.00	Calculated Purge Volume (gal):	N/A
Sample Date:		Begin Purge Time:	10:00
Sample Time:		Complete Purge Time:	10:18
Purge Method:	Low Flow - Perry Pump	Sample Method:	Low Flow - Perry Pump
Purge Rate (ml/min):	200.00	Purge Time (min):	48
Actual Purge Volume (gal):		Casing Volumes Removed:	N/A
Sample Appearance:	Clear	Odors Observed:	N/A
Analytical Laboratory:	Test America	Notes:	
Date Shipped:	7/15/2016		
Headspace (ppm)	0.0		
Analyses Requested:	VOCs (CP-51)		

Field Indicator Parameters

Reading	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L		
1	12:20	19.12	6.03	1358.5	269	58.095	8.10	62.327	
2	12:23	18.07	5.71	242.3	272	34.377	9.38	58.63251	
3	12:26	16.76	5.67	5745.1	278	29.362	9.45	58.19723	
4	12:29	16.79	5.67	123.4	282	23.202	9.56	57.65137	
5	12:32	16.82	5.63	295.8	287	19.205	9.57	57.48444	
6	12:35	16.85	5.54	119.6	295	16.736	9.55	57.43406	
7	12:38	16.86	5.39	81.1	305	15.378	9.57	57.53563	
8	12:41		5.23	76.9	315	13.63	9.60	57.54854	
9	12:44		5.09	408.5	324	13.27	9.60	57.51503	
10	12:47		4.98	376.5	332	18.91	9.59	57.51086	
11	12:50		4.92	399.9	337	16.043	9.57	57.777	
12	12:53		4.85	345.9	341	13.784	9.64	58.05957	
13	12:56		4.82	314.8	344	17.876	9.48	58.8402	
14	12:59		4.83	241.9	346	13.017	9.25	59.1815	
15	13:02		4.81	228.7	345	12.439	9.27	59.19951	
16	13:05		4.83	199.4	343	9.639	9.40	59.07498	
17	13:08		4.84	164.9	342	11.366	9.57	58.94501	

Take readings every three minutes

Well Sampling Log

Well Designation:	MW-004	Sampled By:	JC
Site Address:	676 Maple Street, Yaphank NY	Project Manager:	Andrew Lockwood
Project Name:		Project Number:	SHD1801

Reference Elevation (ft):		Well Use:	Monitoring
Depth to Product (ft):	NP	Product Elevation (ft):	NP
Depth to Water (ft):		Groundwater Elevation (ft):	0.00
Depth to Bottom (ft):		Bottom Elevation (ft):	NM
Height of Water Column (ft):	0.00	Well Diameter (in):	2
Standing Water Volume (gal):	0.00	Calculated Purge Volume (gal):	N/A
Sample Date:		Begin Purge Time:	9:40
Sample Time:		Complete Purge Time:	9:52
Purge Method:	Low Flow - Perry Pump	Sample Method:	Low Flow - Perry Pump
Purge Rate (ml/min):	200.00	Purge Time (min):	12
Actual Purge Volume (gal):		Casing Volumes Removed:	N/A
Sample Appearance:	Clear	Odors Observed:	N/A
Analytical Laboratory:	Test America	Notes:	
Date Shipped:	7/15/2016		
Headspace (ppm)	1.0		
Analyses Requested:	VOCs (CP-51)		

Field Indicator Parameters

Reading	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L		
1	9:40	18.23	6.16	0.5	45	0.381	0.52		
2	9:43	17.77	6.16	0.2	48	0.382	0.73		
3	9:46	17.65	6.17	0.0	51	0.382	0.89		
4	9:49	17.51	6.17	0.0	50	0.382	0.89		
5	9:52	17.51	6.15	0.0	49	0.384	0.93		

Take readings every three minutes

Well Sampling Log

Well Designation:	MW-005	Sampled By:	JC
Site Address:	676 Maple Street, Yaphank NY	Project Manager:	Andrew Lockwood
Project Name:		Project Number:	SHD1801

Reference Elevation (ft):		Well Use:	Monitoring
Depth to Product (ft):	NP	Product Elevation (ft):	NP
Depth to Water (ft):		Groundwater Elevation (ft):	0.00
Depth to Bottom (ft):		Bottom Elevation (ft):	NM
Height of Water Column (ft):	0.00	Well Diameter (in):	2
Standing Water Volume (gal):	0.00	Calculated Purge Volume (gal):	N/A
Sample Date:	5/23/2018	Begin Purge Time:	13:22
Sample Time:	13:45	Complete Purge Time:	13:43
Purge Method:	Low Flow - Perry Pump	Sample Method:	Low Flow - Perry Pump
Purge Rate (ml/min):	200.00	Purge Time (min):	24
Actual Purge Volume (gal):		Casing Volumes Removed:	N/A
Sample Appearance:	Slightly Turbid	Odors Observed:	N/A
Analytical Laboratory:	Test America	Notes:	
Date Shipped:	7/15/2016		
Headspace (ppm)	0.0		
Analyses Requested:	VOCs (CP-51)		

Field Indicator Parameters

Reading	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L		
1	13:22	15.06	6.30	547	18	0.190	6.39		
2	13:25	12.87	5.64	107	80	0.129	7.20		
3	13:28	12.54	6.37	16	108	0.113	4.65		
4	13:31	12.44	5.36	11	111	0.113	4.57		
5	13:34	12.43	5.33	8.3	116	0.111	4.05		
6	13:37	12.44	2.32	2.1	105	0.110	3.80		
7	13:40	12.42	5.31	0.5	105	0.111	3.79		
8	13:43	12.42	5.31	0.0	105	0.111	3.78		

Take readings every three minutes

Well Sampling Log

Well Designation:	MW012-Shallow	Sampled By:	JC
Site Address:	676 Maple Street, Yaphank NY	Project Manager:	Andrew Lockwood
Project Name:		Project Number:	SHD1801

Reference Elevation (ft):		Well Use:	Monitoring
Depth to Product (ft):	NP	Product Elevation (ft):	NP
Depth to Water (ft):		Groundwater Elevation (ft):	0.00
Depth to Bottom (ft):		Bottom Elevation (ft):	NM
Height of Water Column (ft):	0.00	Well Diameter (in):	2
Standing Water Volume (gal):	0.00	Calculated Purge Volume (gal):	N/A
Sample Date:		Begin Purge Time:	11:41
Sample Time:		Complete Purge Time:	11:59
Purge Method:	Low Flow - Perry Pump	Sample Method:	Low Flow - Perry Pump
Purge Rate (ml/min):	200.00	Purge Time (min):	18
Actual Purge Volume (gal):		Casing Volumes Removed:	N/A
Sample Appearance:	Clear	Odors Observed:	N/A
Analytical Laboratory:	Test America	Notes:	
Date Shipped:	7/15/2016		
Headspace (ppm)	0.0		
Analyses Requested:	VOCs (CP-51)		

Field Indicator Parameters

Reading	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L		
1	10:14	23.57	6.22	277	52	771.158	1.69	56.838	
2	10:17	22.68	6.18	108.1	63	973.930	1.23	52.5452	
3	10:20	21.11	6.09	172.8	81	889.410	2.37	51.80807	
4	10:23	21.05	5.95	5604.2	87	872.414	2.77	51.52809	
5	10:26	21.04	5.85	8084.5	92	838.534	2.73	51.41636	
6	10:29	21.24	5.77	6008.4	96	808.360	2.55	51.32352	
7	10:32	21.30	5.73	3470.2	102	859.179	3.20	51.68893	
8	10:35		5.71	9129.7	105	852.92	2.98	51.80819	
9	10:38		5.70	11818.4	106	845.72	3.14	51.85482	
10	10:41		5.70	316.2	107	832.97	2.88	51.98018	
11	10:44		5.70	246	106	827.855	2.71	52.001	
12	10:47		5.70	0.3	106	812.303	2.66	52.11877	
13	10:50		5.68	12.6	108	817.974	2.77	52.15881	
14	10:53		5.68	10497.4	109	821.901	2.87	52.33201	
15	10:56		5.68	10789.1	109	819.821	2.88	52.29449	

Take readings every three minutes

Well Sampling Log

Well Designation:	MW012-Deep	Sampled By:	JC
Site Address:	676 Maple Street, Yaphank NY	Project Manager:	Andrew Lockwood
Project Name:		Project Number:	SHD1801

Reference Elevation (ft):		Well Use:	Monitoring
Depth to Product (ft):	NP	Product Elevation (ft):	NP
Depth to Water (ft):		Groundwater Elevation (ft):	0.00
Depth to Bottom (ft):		Bottom Elevation (ft):	NM
Height of Water Column (ft):	0.00	Well Diameter (in):	2
Standing Water Volume (gal):	0.00	Calculated Purge Volume (gal):	N/A
Sample Date:		Begin Purge Time:	11:18
Sample Time:		Complete Purge Time:	11:33
Purge Method:	Low Flow - Perry Pump	Sample Method:	Low Flow - Perry Pump
Purge Rate (ml/min):	200.00	Purge Time (min):	15
Actual Purge Volume (gal):		Casing Volumes Removed:	N/A
Sample Appearance:	Clear	Odors Observed:	N/A
Analytical Laboratory:	Test America	Notes:	
Date Shipped:			
Headspace (ppm)	0.0		
Analyses Requested:	VOCs (CP-51)		

Field Indicator Parameters

Reading	Time	Temp. (°C)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L		
1	11:19	12.67	5.91	12	146	46.981	8.76		
2	11:22	12.65	5.57	14	192	122.135	5.53		
3	11:25	12.71	5.54	12.9	211	131.375	4.77		
4	11:28	12.77	5.55	9.4	222	115.761	5.16		
5	11:31	12.82	5.51	6.5	234	128.552	4.88		
6	11:34	12.73	5.49	5.4	242	138.180	4.51		
7	11:37	12.71	5.48	5.6	249	141.07	4.15		
8	11:40	12.67	5.47	95.5	255	138.03	4.52		
9	11:43	12.82	5.48	67.8	258	130.04	4.68		
10	11:46	12.86	5.47	167.2	262	137.74	4.38		
11	11:49	13.03	5.47	177	265	141.886	4.27		
12	11:52	12.84	5.48	8298	268	139.963	4.46		
13	11:55	13.02	5.49	17339.3	269	139.680	4.28		
14	11:58	12.99	5.50	26075.2	271	141.236	4.47		

Take readings every three minutes