Shaw Environmental & Infrastructure, Inc.

Shaw The Shaw Group Inc.™

Shaw Environmental & Infrastructure, Inc
101-1 Colin Drive, Holbrook, NY 11741
Ground Water Sampling Log

Site Name:	Kent Ave. Generating Station		
Site Address:	500 Kent Ave. & Division Ave.		
Activities Performed:	Quarterly Well Sampling		
Date of Sampling Event:	12/5/2006	**Report Date:**	12/28/2006
Sampled by:	E. Klein/ J. Kunucku	**Reviewed By:**	Y. Kunukcu (12/28/06)

Well ID:	MW-1	**Well Diameter:**	2"
DTB:	20.16	**Measuring Point:**	TOC
DTW Before Purge:	10.89	**Sampling Device:**	Bladder Pump
DTW After Purge:	10.96	**Sampling Time:**	1030
Casing Type:	PVC	**Gallons Purged**	10.5
PID Reading (ppm):	0	**Analysis:**	VOC-8260 / SVOC-8270 (Full), PCB's (8082), Metals (TAL), TPH (8015 GRO/DRO)

Time	pH	Temperature (ºC)	Conductivity	Dissolved O2 (mg/L)	Turbidity	ORP	Comments
855	8.16	13.13	1.494	4.32	637.8	106.6	
900	8.55	14.82	1.542	3.97	688.1	68.1	
905	8.58	14.94	1.541	5.41	487.1	35.1	
910	8.54	15.07	1.557	6.25	290.2	-34.2	
915	8.47	15.02	1.578	6.59	181.3	-70.1	
920	8.41	15.01	1.614	6.61	170.1	-78.3	
925	8.38	14.91	1.637	6.74	158.2	-75.4	
930	8.37	14.82	1.645	6.75	146.3	-73.1	
935	8.33	14.94	1.649	6.77	123.6	-70.4	
940	8.28	15.01	1.663	6.77	87.1	-68.4	
945	8.24	15.06	1.675	6.77	75.3	-72.3	
950	8.21	15.07	1.683	6.71	57.2	-74.3	
955	8.18	15.05	1.699	6.67	53.4	-75.0	
1000	8.17	14.47	1.706	6.67	52.6	-73.3	
1005	8.17	14.25	1.707	6.65	48.2	-71.8	
1010	8.15	14.19	1.708	6.64	41.3	-69.6	
1015	8.14	14.18	1.709	6.63	38.7	-66.0	

Notes:

GW murky (high silt) becoming clear with purge

Waste Handling

Volume Generated During Current Event (gal):					
Water:	10.5	**Product:**	0	**Other:**	0
Quantity of Containers Generated During Current Visit:					
55-gallon drum:	1	**5-gal DOT pail:**	0	**Other:**	0
Total Quantity of containers stored on site:					
55-gallon drum:	1	**5-gal DOT pail:**	0	**Other:**	1 Bag (ppe, rags, tubing)
Waste Designation (Pending Disposal, Non-Haz, Haz, Haz-PCB>50ppm):					Pending Disposal
Method of Determining Designation (Generator Knowledge, Analitical Data, Other):					Generator Knowledge
Waste Storage Location:		Kent Ave. S.C.			
Scheduled Waste Pickup Date:		TBA - ConEd			

Materials Used

Absorbent Socks; Size and Quantity Used:			0		
Bailers (quantity used):	0	**Well Caps (size and quantity):**		0	**Locks (quantity used):** 0
Other Misc. Materials Used:		1 Bag (ppe, rags, garbage bags, distilled water/alconox)			

N/A: Not Applicable

N/M: Not Measured

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Ground Water Sampling Log

Site Name:	Kent Ave. Generating Station		
Site Address:	500 Kent Ave. & Division Ave.		
Activities Performed:	Quarterly Well Sampling		
Date of Sampling Event:	1/3/2007	**Report Date:**	1/4/2007
Sampled by:	E. Klein	**Reviewed By:**	

Well ID:	MW-2	**Well Diameter:**	2"
DTB:	20.16	**Measuring Point:**	TOC
DTW Before Purge:	5.21	**Sampling Device:**	Bladder Pump
DTW After Purge:	5.76	**Sampling Time:**	1100
Casing Type:	PVC	**Gallons Purged**	5
PID Reading (ppm):	0	**Analysis:**	VOC-8021 (Full List + T.I.C.s - via 8260 GC/MS Analysis), SVOC (STARS Only), Chlorides via 325.3

Time	pH	Temperature (ºC)	Conductivity	Dissolved O2 (mg/L)	Turbidity	ORP	Comments
910	7.46	14.00	17.52	1.23	11.4	-98.7	
915	7.45	14.14	17.69	0.66	20.2	-113.6	
920	7.45	13.80	17.83	0.39	52.1	-107.3	
925	7.45	13.76	17.88	0.34	43.2	-113.6	
930	7.45	13.80	18.01	0.28	53.6	-130.1	
935	7.45	13.83	18.05	0.25	54.1	-135.9	
940	7.45	13.90	18.15	0.23	45.3	-138.6	
945	7.45	13.87	18.20	0.22	47.1	-144.5	
950	7.45	13.89	18.31	0.21	38.6	-156.7	
955	7.45	13.94	18.34	0.20	33.7	-167.3	
1000	7.45	13.99	18.46	0.19	31.2	-184.2	
1005	7.44	14.01	18.55	0.19	24.5	-191.7	
1010	7.44	14.07	18.59	0.18	22.1	-199.8	
1015	7.44	14.08	18.61	0.14	19.6	-213.1	
1020	7.44	14.09	18.62	0.13	16.3	-215.3	
1025	7.44	14.09	18.62	0.13	16.2	-215.2	
1030	7.44	14.09	18.62	0.13	16.2	-215.2	

Notes:

GW clear to cloudy to clear throughout purging

Field Duplicate Collected

Waste Handling

Volume Generated During Current Event (gal):					
Water:	5	**Product:**	0	**Other:**	0
Quantity of Containers Generated During Current Visit:					
55-gallon drum:	1	**5-gal DOT pail:**	0	**Other:**	0
Total Quantity of containers stored on site:					
55-gallon drum:	1	**5-gal DOT pail:**	0	**Other:**	1 Bag (ppe, rags, tubing)
Waste Designation (Pending Disposal, Non-Haz, Haz, Haz-PCB>50ppm):					Pending Disposal
Method of Determining Designation (Generator Knowledge, Analitical Data, Other):					Generator Knowledge
Waste Storage Location:		Kent Ave. S.C.			
Scheduled Waste Pickup Date:		TBA - ConEd			

Materials Used

Absorbent Socks; Size and Quantity Used:			0		
Bailers (quantity used):	0	**Well Caps (size and quantity):**		0	**Locks (quantity used):** 0
Other Misc. Materials Used:		1 Bag (ppe, rags, garbage bags, distilled water/alconox)			

N/A: Not Applicable
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