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Department of Environmental Remediation
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ENVIRONMENT

Subject:
2006 Surface Water and Suspended Sediment Monitoring
Operable Unit 3, Loeffel Site Environs
Nassau, New York

Date:
February 5, 2007

Contact:
J. Paul Doody, P.E.

Phone:
315.671.9237

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paul.doody@arcadis-us.com

Our ref:
B0010073.0000.00900

Dear Jim:

This letter, provided by ARCADIS BBL on behalf of the General Electric Company (GE), presents the results from the 2006 surface water (SW) and suspended sediment (SS) monitoring events. This sampling was conducted in accordance with the July 2002 Long Term Monitoring Plan (LTMP) and discussions between GE and the New York State Department of Environmental Conservation (NYSDEC). Specifically, and with NYSDEC approval, one base-flow sampling event (August 3, 2006) and one high-flow sampling event (November 8 through 9, 2006) were conducted at the following three locations (Figure 1):

- In T11A, immediately upstream of its confluence with the Valatie Kill (Figure 2);
- Immediately downstream of Area 28 in the Valatie Kill (Figure 3); and
- In the Valatie Kill, at the inlet to Nassau Lake (Figure 4).

This letter presents a discussion of the sampling activities' results. Attachments to this letter provide details of the sampling effort (i.e., analytical and field data), laboratory data sheets, and data validation reports.

Summary of Sampling Activities

To evaluate the transport of polychlorinated biphenyls (PCBs) in T11A and the Valatie Kill, whole (i.e., unfiltered) SW and filtered SS samples were collected. One base-flow SW sample and one SS sample were collected from each of the three

locations in August 2006. Three high-flow SW samples and three SS samples were collected from each of the locations in November 2006.

Sampling Methodology

The SW/SS sampling methodology used was consistent with that which has been employed since the 2004 sampling effort:

- SW/SS grab samples were collected mid-stream/mid-depth using pre-cleaned laboratory containers.
- A peristaltic pump with clean Teflon® tubing was used to pump water to the containers for each sampling location.
- For each SS sample, five 1-gallon, pre-cleaned, amber jugs were filled (approximately 19 liters).
- Water for SS sampling was passed through a stainless steel 142-millimeter pressure filter-holder containing a pre-weighed 0.7-micron pore glass fiber filter using pressurized nitrogen.
- During sampling activities, water quality parameters (pH, turbidity, temperature, dissolved oxygen, conductivity, oxidation-reduction potential, and total dissolved solids) were periodically measured, and
- The filter apparatus was decontaminated and new filters were installed prior to each sample.

Assessment of Flow Conditions

To ensure that sampling occurred during the appropriate stage conditions, stage data were collected from the Valatie Kill at Area 28 and the headwaters of T11A. Base-flow conditions were assessed by observing flow rates at the United States Geological Survey (USGS) gaging station 01360640 on the Valatie Kill, and the stream gage at the headwaters of T11A (installed June 30, 2004).

The flow observed immediately prior to sampling on August 3, 2006 at the USGS gage was 3.1 cubic feet per second (cfs), which was below the mean flow value of 5.5 cfs for the month of August from 1991 to 2005 (Table 1). Using the USGS

stream gage-to-T11A-flow ratio (T11A flow = USGS stream gage flow ÷ 9.34)[1], the flow at T11A on August 3, 2006 was estimated to be 0.33 cfs.

The high-flow sampling event was conducted during a period of significant rainfall. The rising, peak, and falling limbs of the storm hydrograph were observed on November 8 through 9, 2006 using an uncalibrated staff gage at the headwaters of T11A and the USGS gaging station 01360640 at Area 28. Figure 5 presents the flow data, in 15-minute intervals, at the USGS gage from November 6 through 9, 2006. According to these flow results, the peak flow during the high-flow event was approximately 19 times greater than initial conditions that day for the USGS stream gage (9 cfs vs. 182 cfs).

Sample Analysis

SW Samples

The base-flow SW samples from the August 3, 2006 event were submitted to Accutest Laboratories (Accutest) of Dayton, New Jersey for PCB, total organic carbon (TOC), total suspended solids (TSS) and chlorophyll-*a* analysis.

High flow SW samples from November 8 through 9, 2006 were also submitted to Accutest for PCB, TOC, TSS and chlorophyll-*a* analyses.

SS Samples

The base-flow and high-flow SS samples were submitted to Accutest for PCB and TOC analysis.

Results of both the SW and SS samples are presented in the following section. All analytical data were validated by ARCADIS BBL, and the data validation reports are presented in Attachment A.

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[1] The USGS stream gage-to-T11A-flow ratio was presented in Attachment G of BBL's October 19, 2004 letter to NYSDEC.

Analytical Results

Base-flow Event, August 3, 2006

During this base-flow event, grab samples were collected from each of the following locations:

- In T11A, immediately upstream of the its confluence with the Valatie Kill (T11A-01);
- Immediately downstream of Area 28 in the Valatie Kill (A28-01); and
- In the Valatie Kill, at the inlet to Nassau Lake (NL/VK-01).

The base-flow SW samples T11A-01, A28-01, and NL/VK-01 were non-detect (ND) for PCB concentrations. The detection limits for the ND sample are shown in parenthesis in the table below. The duplicate result from NL/VK-01 was also ND for PCBs.

Sample Location	Sample ID	PCB Concentration (µg/L)	Conditions
T11A	T11A-01	ND(0.050)	Base-flow
Area 28	A28-01	ND(0.050)	Base-flow
Nassau Lake/Valatie Kill	NL/VK-01 NL/VK-01 (DUP)	ND(0.053) [ND(0.050)]	Base-flow

Note:

ND(0.050) = The compound was analyzed for but not detected. The associated numerical value in parenthesis is the detection limit.

Three SS samples were collected during the base-flow event. All SS sample filters contained less than 0.1 gram of sediment. As per BBL's letter to NYSDEC of April 1, 2005 regarding 2004 Supplemental Surface Water and Suspended Sediment Monitoring, SS samples where less than 1 gram of sediment was collected were not retained for analysis. As such, no samples were submitted for analysis.

High-Flow Event, November 8 through 9, 2006

During the high-flow event, grab samples were collected during the rising, peak, and falling limbs of the storm hydrograph from the same three locations listed above for

the base-flow event. Nine SW samples (not including quality assurance/quality [QA/QC] samples) were collected during the high-flow event. The SW sample PCB concentrations were as follows (Tables 2 and 3):

Sample Location	Sample ID	PCB Concentration (µg/L)	Conditions
T11A	T11A-01	0.12	Rising Limb
	T11A-02	0.24	Peak
	T11A-03	0.092	Falling Limb
Area 28	A28-01	ND(0.050)	Rising Limb
	A28-02	ND(0.050)	Peak
	A28-03	ND(0.050)	Falling Limb
Nassau Lake/Valatie Kill	NL/VK-01	ND(0.050)	Rising Limb
	NL/VK-02	ND(0.050)	Peak
	NL/VK-03 NL/VK-03 (DUP)	ND(0.050) [ND(0.050)]	Falling Limb

Note:

ND(0.050) = The compound was analyzed for but not detected. The associated numerical value in parenthesis is the detection limit.

Nine SS samples were collected during the high-flow event. All SS sample filters contained less than 0.45 gram of sediment (Table 4). As per BBL's letter to NYSDEC of April 1, 2005 regarding 2004 Supplemental Surface Water and Suspended Sediment Monitoring, SS samples where less than 1 gram of sediment was collected were not retained for analysis. As such, no samples were submitted for analysis.

The validated analytical results are provided in Attachment A. Water quality parameters measured during SS/SW sampling are presented in Table 1.

2007 SW/SS Monitoring Scope

Additional SW/SS monitoring is proposed for 2007, as described below.

SW/SS sampling will be conducted at three locations consistent with previous sampling events including:

- In T11A, immediately upstream of the its confluence with the Valatie Kill;
- Immediately downstream of Area 28 in the Valatie Kill; and

- In the Valatie Kill, at the inlet to Nassau Lake.

Samples will be collected during one base-flow and one high-flow event. One sample per location will be collected during the base-flow event for a total of three SW samples and three SS samples (not including QA/QC samples). During the high-flow event, three sets of samples will be taken per location. Each set will target a specific flow condition: the rising limb, the peak, and the falling limb of the event's hydrograph. As such, a total of nine SW samples and nine SS samples will be collected during the high flow event (not including QA/QC samples).

The 2007 SS/SW sampling will be conducted as approved by NYSDEC and in general accordance with the methods presented in:

- Area 28 Sampling Protocol;
- The LTMP; and
- Existing project support documents such as the *1992 RI Sampling and Analysis Plan Volume 2: Field Sampling Plan* and the associated Quality Assurance Project Plan (QAPP).

All 2007 SW samples will be analyzed for unfiltered PCB Aroclors, TSS, TOC, and chlorophyll-*a*. In addition, during sampling, water quality parameters (pH, temperature, specific conductivity, dissolved oxygen [DO], turbidity, oxidation-reduction potential [ORP], total dissolved solids [TDS]) as well as flow rate will be measured.

If sufficient SS volume is obtained, 2007 SS samples will be analyzed for filtered solids including PCB Aroclors and TOC.

The 2007 SW/SS data set will be validated for inclusion in ongoing trend analyses. The results of the 2007 SW/SS sampling will be used to refine the scope of future SW/SS sampling efforts, as warranted.

Please contact me at (315) 446-9120 if you have any questions.

Sincerely,

ARCADIS of New York, Inc.

J. Paul Doody, P.E.
Senior Vice President

Attachments

Copies:
Michael Komoroske, P.E., NYSDEC
Alan Belensz, Environmental Protection Bureau
Russell Shaver, NYSDEC
Michael Elder, Esq., General Electric Company
Edward LaPoint, P.E., General Electric Company
Kimberly Powell, P.E, ARCADIS BBL

Tables

TABLE 1
2006 Surface Water and Suspended Sediment Monitoring
Loeffel Site Environs
Nassau, NY

USGS GAGING STATION 01360640 VALATIE KILL NEAR NASSAU, NY
Rensselaer County, New York
Hydrologic Unit Code 02020006
Latitude 42°33'07", Longitude 73°35'31" NAD27
Drainage area 9.48 square miles
Gage datum 450 feet above sea level NGVD29

Monthly Mean Discharge (cfs) (Calculation Period 1990-10-01 to 2005-09-30)												
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1990	--	--	--	--	--	--	--	--	--	12.6	21.6	23.3
1991	8.7	12.7	23.2	16.7	13.2	1.49	0.317	2.06	2.61	16.6	26.5	17.8
1992	8.4	3.8	13.1	20.6	10.9	3.66	2.63	2.02	0.665	1.73	9.58	15.2
1993	16.3	3.44	36.1	52.7	6.29	1.51	0.52	0.427	0.947	2.03	12.4	18.9
1994	4.88	12.8	44	45.8	14.2	5.13	1.73	6.34	2.28	1.91	1.75	8.43
1995	15.9	5.05	34.2	12.6	4.05	1.13	1.2	1.95	0.494	7.91	23.5	5.55
1996	40.1	13.9	18.1	49.4	41.7	14.1	14.8	1.66	7.89	8.37	10.5	39.2
1997	9.61	13.3	18.8	28.8	18.7	2.1	2.8	1.12	0.91	1.26	14.3	13.9
1998	29.4	15.3	28.2	15	15.9	25.1	4.15	0.829	0.522	2.26	2.46	2.32
1999	30.4	14.8	28.5	7.7	19.2	1.69	2	3.22	22.7	20.5	15.1	11
2000	10.9	29.7	28.3	29.8	23.7	47.9	10.9	29.7	5.85	5.18	7.71	25.2
2001	4.52	11.5	24.7	44.4	3.51	7.19	1.19	0.459	1.27	0.778	1.48	4.74
2002	4.38	12.1	20.5	14.7	17.6	26	2.11	0.816	1.72	8.42	20.5	28.1
2003	16	9.15	50.9	24.2	14.4	9.22	10.8	24	10.2	32.8	29.1	52.1
2004	10.2	3.01	24.9	21.6	12.3	5.57	3.66	6.94	22.1	9.83	12.6	22.1
2005	31	15.6	40.3	23.4	4.03	2.84	2.93	1.01	1.01	--	--	--
Mean of monthly Discharge	**16**	**12**	**29**	**27**	**15**	**10**	**4.1**	**5.5**	**5.4**	**8.8**	**14**	**19**

Notes:

1. The flow data was provided by USGS via email on January 3, 2007.
2. No incomplete data was used for statistics calculations.

TABLE 2
2006 Surface Water and Suspended Sediment Monitoring
Loeffel Site Environs
Nassau, NY

Tributary T11A and the Valatie Kill
Surface Water Total PCB Results and Water Quality Parameters

Date	Time	Sample Location	Sample ID	Surface Water Total PCB (µg/L)	T11A Flow (cfs)	Water Quality Measurements							Comments
						pH	Turbidity (NTU)	Temp (°C)	DO (mg/L)	Specific Conductivity (mS/cm)	ORP (mV)	TDS (g/L)	
8/3/2006	11:47	T11A	T11A-01	ND (0.050)	0.33	6.2	41	19	17	0.14	170	0.09	Base-flow
8/3/2006	11:54				0.33	6.2	38	19	17	0.13	200	0.09	
8/3/2006	11:58				0.33	6.2	30	18	14	0.13	220	0.08	
11/8/2006	14:17	T11A	T11A-01	0.12	1.1	6.4	4	10	11	0.09	290	NM	Rising Limb
11/8/2006	14:33				1.2	6.5	3	10	8	0.79	310	NM	
11/8/2006	14:37				1.2	6.6	88	9	7	0.08	310	NM	
11/8/2006	22:00	T11A	T11A-02	0.24	18	6.8	310	10	6	0.06	300	NM	Peak
11/8/2006	22:09				18	6.9	190	10	7	0.05	310	NM	
11/8/2006	22:15				18	6.9	280	10	7	0.05	300	NM	
11/9/2006	6:36	T11A	T11A-03	0.092	13	6.9	18	10	7	0.06	330	NM	Falling
11/9/2006	6:42				13	7.1	37	10	7	0.07	330	NM	
11/9/2006	6:45				12	7.0	20	10	8	0.06	340	NM	
8/3/2006	12:41	A28	A28-01	ND (0.050)	0.33	6.3	2	24	13	0.16	170	0.10	Base-flow
8/3/2006	12:46				0.33	6.5	2	24	15	0.16	190	0.10	
8/3/2006	12:54				0.33	6.5	2	24	15	0.16	190	0.10	
11/8/2006	15:00	A28	A28-01	ND (0.050)	1.3	6.3	86	9	10	0.19	250	NM	Rising Limb
11/8/2006	15:11				1.3	6.3	44	9	11	0.20	210	NM	
11/8/2006	15:22				1.3	6.3	22	9	10	0.15	220	NM	
11/8/2006	22:50	A28	A28-02	ND (0.050)	19	6.2	160	10	10	0.10	230	NM	Peak
11/8/2006	22:56				19	6.1	100	10	10	0.10	240	NM	
11/8/2006	23:03				19	6.1	92	10	10	0.10	250	NM	
11/9/2006	7:32	A28	A28-03	ND (0.050)	12	7.2	49	9	9	0.07	300	NM	Falling
11/9/2006	7:44				12	7.1	58	9	9	0.07	310	NM	
11/9/2006	7:46				12	6.9	64	9	7	0.07	300	NM	
8/3/2006	13:50	NL/VK	NL/VK-01	ND (0.053) [ND (0.050)]	0.33	6.9	9	24	12	0.17	180	0.11	Base-flow
8/3/2006	14:10				0.33	7.1	4	24	12	0.17	180	0.11	
8/3/2006	14:40				0.33	7.3	4	25	12	0.17	180	0.11	
11/8/2006	15:49	NL/VK	NL/VK-01	ND (0.050)	1.3	6.4	17	10	11	0.21	250	NM	Rising Limb
11/8/2006	15:55				1.3	6.3	11	10	11	0.21	240	NM	
11/8/2006	16:05				1.4	6.4	10	10	11	0.20	230	NM	
11/8/2006	23:20	NL/VK	NL/VK-02	ND (0.050)	19	6.3	180	10	10	0.11	160	NM	Peak
11/8/2006	23:31				19	6.3	110	10	10	0.11	190	NM	
11/8/2006	23:33				19	6.3	120	10	10	0.11	190	NM	
11/9/2006	8:13	NL/VK	NL/VK-03	ND (0.050) [ND (0.050)]	12	7.1	55	9	5	0.12	250	NM	Falling
11/9/2006	8:40				11	7.0	56	9	6	0.10	240	NM	
11/9/2006	8:52				11	7.1	40	9	7	0.13	250	NM	

Notes on Page 2

TABLE 2
2006 Surface Water and Suspended Sediment Monitoring
Loeffel Site Environs
Nassau, NY

Tributary T11A and the Valatie Kill
Surface Water Total PCB Results and Water Quality Parameters

Notes:

1. Sample Location: T11A = in T11A, immediately upstream of its confluence with the Valatie Kill; A28 = Immediately downstream of Area 28 in the Valatie Kill; and NL/VK = In the Valatie Kill, at the inlet to Nassau Lake. See Figures 2 through 4 for sample locations.
2. PCB = polychlorinated biphenyls; Temp = temperature; DO = dissolved oxygen; ORP = oxidation-reduction potential; TDS = total dissolved solids; µg/L = micrograms per liter; mg/L = milligram per Liter; NTU = nephelometric turbidity unit; °C = degrees Celsius; mS/cm = milliSiemens per centimeter; mV = millivolts; g/L = grams per liter; cfs = cubic feet per second.
3. ND (0.050) = The compound was analyzed for but not detected. The associated numerical value in parenthesis is the detection limit.
4. NM = Parameter not measured. TDS not measured due to probe malfunction.
5. ND (0.050) [ND (0.050)] = The associated value in parenthesis is a blind duplicate.
6. All samples were collected by Blasland, Bouck & Lee, Inc. (now, known as ARCADIS U.S., Inc. [ARCADIS BBL]) . All samples were analyzed by Accutest Laboratories in Dayton, NJ. Analytical data from 2006 were validated by ARCADIS BBL and are included in Attachment A.
7. Samples were collected in accordance with the July 2002 Long Term Monitoring Plan, Area 28 Sampling Protocol, 1992 RI Sampling and Analysis Plan Volume 2: Field Sampling Plan and the associated Quality Assurance Project Plan (QAPP).
8. Values have been rounded to two significant figures.
9. Flow as calculated by using the USGS stream gage-toT11A-flow ratio (T11A flow = USGS stream gage flow ÷ 9.34).

TABLE 3
2006 Surface Water and Suspended Sediment Monitoring
Loeffel Site Environs
Nassau, NY

Tributary T11A and the Valatie Kill
Surface Water and Suspended Sediment Sampling Results

Date	Time	Sample Location	Sample ID	Surface Water Total PCB (µg/L)	Suspended Sediment Total PCB (mg/kg)	TOC (mg/L)	TSS (mg/L)	Chlorophyll - a (mg/m^3)	Comments
8/3/2006	11:45	T11A	T11A-01	ND (0.050)	--	<1.0	82	0.2 (0.1)	Base-flow
11/8/2006	14:17		T11A-01	0.12	--	4.0	10	1.2 (0.9)	Rising Limb
11/8/2006	22:00		T11A-02	0.24	--	8.5	21	1.7 (1.0)	Peak
11/9/2006	6:25		T11A-03	0.092	--	4.2	<4.0	0.2 (0.1)	Falling Limb
8/3/2006	12:40	A28	A28-01	ND (0.050)	--	3.1	94	0.7 (0.5)	Base-flow
11/8/2006	15:00		A28-01	ND (0.050)	--	3.0	<4.0	1.0 (0.9)	Rising Limb
11/8/2006	22:40		A28-02	ND (0.050)	--	6.7	56	6.7 (4.6)	Peak
11/9/2006	7:30		A28-03	ND (0.050)	--	5.7	<4.0	1.9 (1.4)	Falling Limb
8/3/2006	13:50	NL/VK	NL/VK-01	ND (0.053) [ND (0.050)]	-- [--]	2.7 [2.6]	100 [110]	0.6 (0.40) [0.7 (0.50)]	Base-flow
11/8/2006	15:49		NL/VK-01	ND (0.050)	--	3.7	<4.0	0.8 (0.6)	Rising Limb
11/8/2006	23:20		NL/VK-02	ND (0.050)	--	8.7	102	12.3 (8.6)	Peak
11/9/2006	8:00		NL/VK-03	ND (0.050) [ND (0.050)]	--	5.2 [5.3]	12 [15]	2.0 (1.4) [2.1 (1.5)]	Falling Limb

Notes:

1. Sample Location: T11A = in T11A, immediately upstream of its confluence with the Valatie Kill; A28 = Immediately downstream of Area 28 in the Valatie Kill; and NL/VK = In the Valatie Kill, at the inlet to Nassau Lake. See Figures 2 through 4 for sample locations.
2. PCB = polychlorinated biphenyls; µg/L = micrograms per liter; mg/kg = milligram per kilogram; mg/L = milligram per Liter; TOC = total organic carbon; TSS= total suspended solids; mg/m^3 = milligram per cubic meter.
3. ND (0.050) = The compound was analyzed for but not detected. The associated numerical value in parenthesis is the detection limit.
4. ND (0.050) [ND (0.050)] = The associated value in parenthesis is a blind duplicate.
5. Values have been rounded to two significant figures.
6. All samples were collected by Blasland, Bouck & Lee, Inc. (now, known as ARCADIS U.S., Inc. [ARCADIS BBL]). All samples were analyzed by Accutest Laboratories in Dayton, NJ. Analytical data from 2006 were validated by ARCADIS BBL and are included in Attachment A.
7. Samples collected on August 3, 2006 and November 8-9, 2006 were obtained in accordance with the July 2002 Long Term Monitoring Plan, Area 28 Sampling Protocol, 1992 RI Sampling and Analysis Plan Volume 2: Field Sampling Plan and the associated Quality Assurance Project Plan (QAPP).
8. Suspended Sediment analytical results are not reported, as filters contained less than 1 g of sediment. The analytical results are provided in Attachment A.
9. Chlorophyll-a results are provided with corrected values in parentheses. Corrected values have been corrected for the non-photosynthesizing pigment fraction, phaeophytin.

TABLE 4
2006 Surface Water and Suspended Sediment Monitoring
Loeffel Site Environs
Nassau, NY

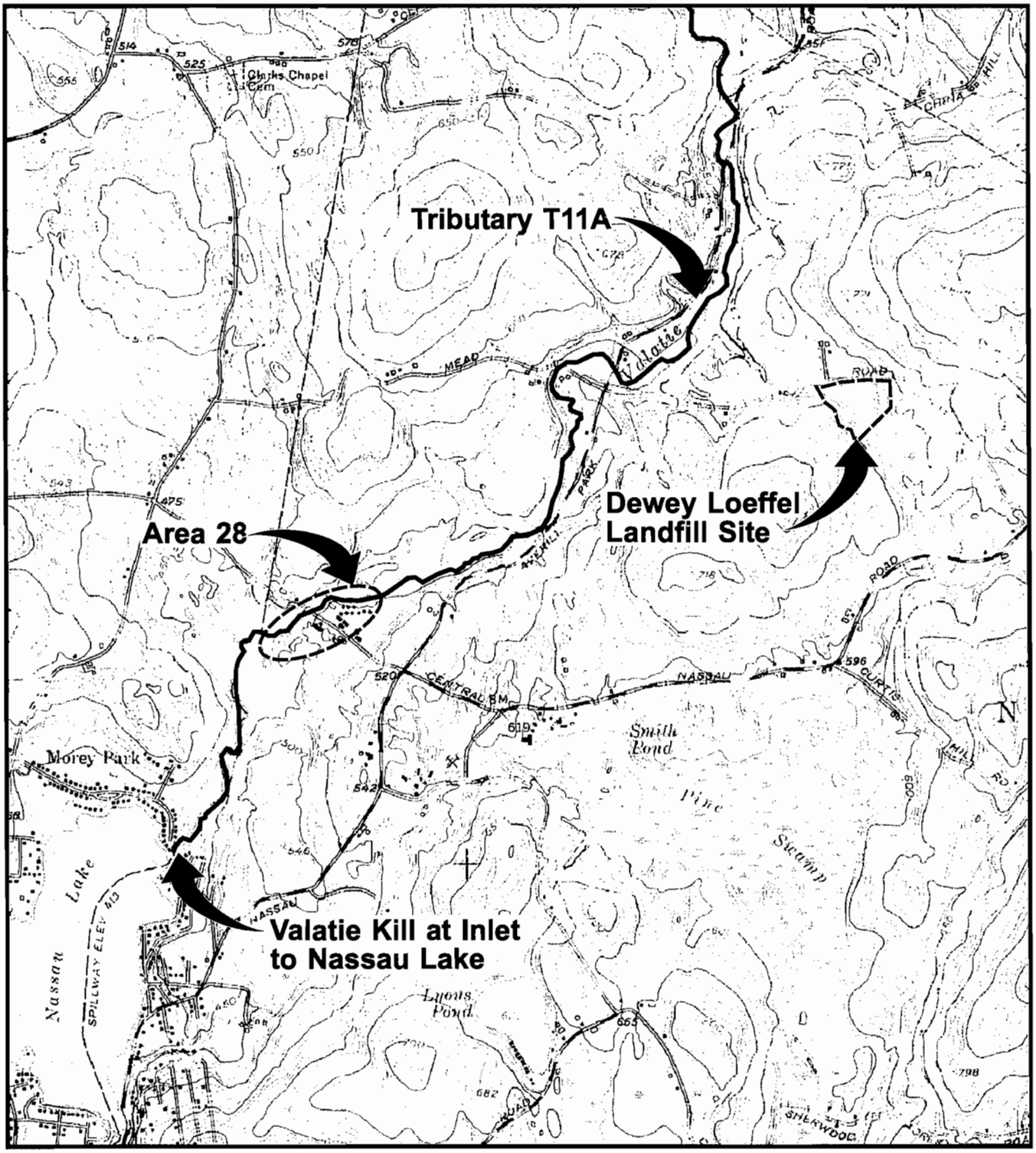
Tributary T11A and the Valatie Kill
Suspended Sediment Masses

Date	Time	Sample Location	Sample ID	Sample Mass (mg)	Comments
8/3/2006	11:47	T11A	T11A-01	<100.0	Base-flow
11/8/2006	14:17	T11A	T11A-1-01	168.4	Rising Limb
11/8/2006	22:00	T11A	T11A-2-01	96.9	Peak
			T11A-2-02	124.8	
			T11A-2-03	130.3	
			T11A-2-04	109.8	
11/9/2006	6:25	T11A	T11A-3-01	50.0	Falling Limb
8/3/2006	12:41	A28	A28-01	<100.0	Base-flow
11/8/2006	15:00	A28	A28-1-01	<20.0	Rising Limb
11/8/2006	22:40	A28	A28-2-01	106.4	Peak
			A28-2-02	210.6	
			A28-2-03	210.5	
			A28-2-04	134.5	
11/9/2006	7:30	A28	A28-3-01	139.4	Falling Limb
			A28-3-02	190.8	
8/3/2006	13:50	NL/VK	NL/VK-01	<100.0	Base-flow
11/8/2006	15:49	NL/VK	NL/VK-1-01	<20.0	Rising Limb
11/8/2006	23:20	NL/VK	NL/VK-2-01	381.7	Peak
			NL/VK-2-02	360.6	
			NL/VK-2-03	446.8	
			NL/VK-2-04	324.1	
			NL/VK-2-05	381.3	
11/9/2006	8:00	NL/VK	NL/VK-3-01	194.4	Falling Limb
			NL/VK-3-02	40.6	
			NL/VK-3-MS-01	98.3	
			NL/VK-3-MS-02	143.0	
			NL/VK-3-MSD-01	110.6	
			NL/VK-3-MSD-02	154.3	
8/3/2006	--	NL/VK	DUP-01 (NL/VK-01)	<100.0	Base-flow
11/9/2006	--	NL/VK	DUP-1-01 (NL/VK-03)	123.3	Falling Limb
			DUP-1-02 (NL/VK-03)	128.3	

Notes:

1. Sample Location: T11A = in T11A, immediately upstream of its confluence with the Valatie Kill; A28 = Immediately downstream of Area 28 in the Valatie Kill; and NL/VK = In the Valatie Kill, at the inlet to Nassau Lake. See Figures 2 through 4 for sample locations.
2. Sample mass values are the result of performing difference calculations (Sample Mass = Mass of filter and sediment - Mass of filter). Values less than 1 gram were not analyzed for PCB Aroclors.
3. mg = milligrams.
4. All samples were collected by Blasland, Bouck & Lee, Inc. (now, known as ARCADIS U.S., Inc. [ARCADIS BBL]). All samples were analyzed by Accutest Laboratories in Dayton, NJ. Analytical data from 2006 are provided in Attachment A.

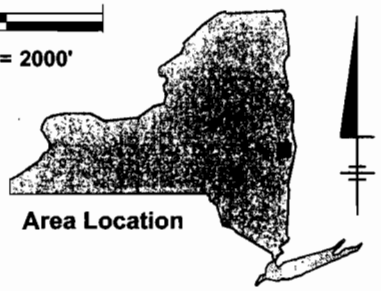
Figures



REFERENCE: Base Map Source, USGS 7.5 Min. Topo. Quad., Nassau, New York, 1953.

2000' 0 2000'

Approximate Scale: 1" = 2000'



GENERAL ELECTRIC COMPANY
LOEFFEL SITE ENVIRONS
2006 SURFACE WATER AND SUSPENDED SEDIMENT MONITORING

SITE LOCATION MAP

ARCADIS BBL
Infrastructure, environment, facilities

FIGURE 1

1/11/07 SYR-D85-DJH-KLS
C/10073900/SWSM06/cdr/10073n01.cdr

T11A
N 42°33.809'
W 73°34.205'

VALATIE

ROAD

MEAD

LEGEND:

- EDGE OF WATER
- 630 INDEX ELEVATION CONTOUR
- 628 INTERMEDIATE ELEVATION CONTOUR
- ROCK WALL
- x FENCE LINE
- UTILITY POLE
- T TELEPHONE LINE
- ▲ SAMPLE LOCATION

NOTES:

1. BASE MAP INFORMATION OBTAINED FROM FIELD SURVEY PERFORMED MARCH 20, 2002 THROUGH APRIL 5, 2002 BY BBL.
2. BASE MAP INFORMATION AT THE EXTREME EAST PORTION OF THE SITE FROM FIGURE BY CLOUGH, HARBOUR & ASSOCIATES LLP. AT A SCALE OF 1"=20', DATED 1/15/2002.
3. ELEVATIONS BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929.
4. HORIZONTAL DATUM BASED ON NEW YORK STATE PLANE COORDINATE SYSTEM OF 1927, EAST ZONE.
5. CONTOUR INTERVAL = 2 FEET.
6. LATITUDE AND LONGITUDE OBTAINED BY FIELD GPS UNIT WITH AN ACCURACY OF ±9-49 FEET. SAMPLE LOCATION IS DEPICTED BASED ON FIELD OBSERVATIONS.

0 80' 120'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY
LOEFFEL SITE ENVIRONS

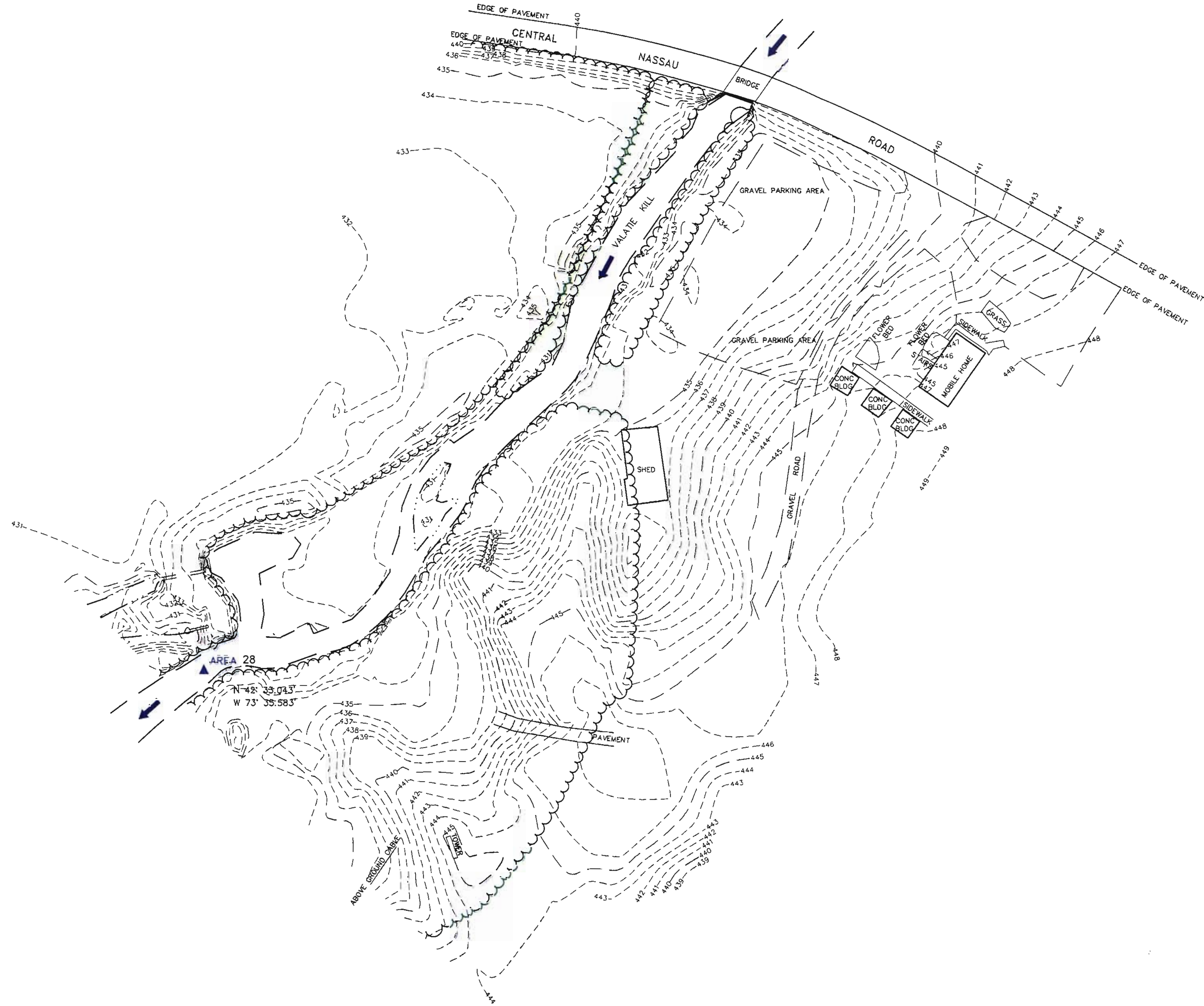
2006 SURFACE WATER AND SUSPENDED SEDIMENT MONITORING

T11A DOWNSTREAM SURFACE WATER AND SUSPENDED SEDIMENT SAMPLING LOCATION - 2006

ARCADIS BBL
Infrastructure, environment, facilities

FIGURE
2

SYR-BS-NES KFS KLS LAYER: ON="*", OFF="REF*
G:\CAD\GE-CAD\GE_ACTIVE\W\10073900\SWSSM08\10073G01.DWG SAVED:2/5/2007 9:19 AM LAYOUT:Layout1 PAGESETUP:---- PENTABLE:PLTFULL.CTB PRINTED:2/5/2007 9:19 AM BY:KSARTORI
PROJECTNAME:----
DREFS: IMAGES:
10073X01
10072X00



LEGEND:

- EDGE OF WATER (DASHED WHERE APPROXIMATED)
- DIRECTION OF FLOW
- INTERMEDIATE ELEVATION CONTOUR
- INDEX ELEVATION CONTOUR
- TREES
- SAMPLE LOCATION

NOTES:

1. BASE MAP PREPARED FROM SURVEY INFORMATION GENERATED BY BBL, DATED APRIL 25, 2002.
2. LATITUDE AND LONGITUDE OBTAINED BY FIELD GPS UNIT WITH AN ACCURACY OF ±9-49 FEET. SAMPLE LOCATION IS DEPICTED BASED ON FIELD OBSERVATIONS.
3. ELEVATIONS BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929.
4. HORIZONTAL DATUM BASED ON NEW YORK STATE PLANE COORDINATE SYSTEM OF 1927, EAST ZONE.

0 40' 80'
GRAPHIC SCALE

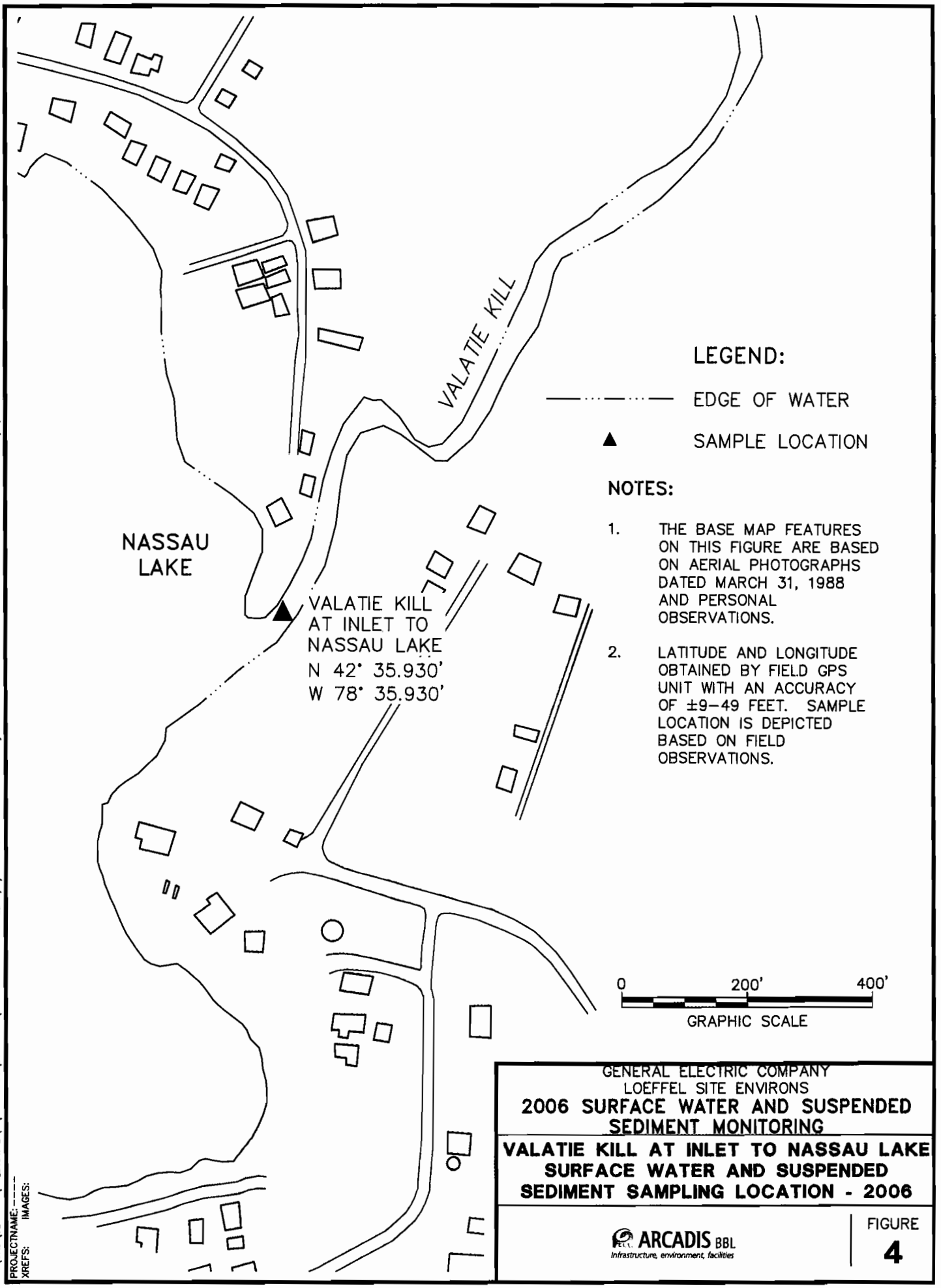
GENERAL ELECTRIC COMPANY
LOEFFEL SITE ENVIRONS
2006 SURFACE WATER AND SUSPENDED SEDIMENT MONITORING

AREA 28 DOWNSTREAM SURFACE WATER AND SUSPENDED SEDIMENT SAMPLING LOCATION - 2006

ARCADIS BBL
infrastructure, environment, facilities

FIGURE
3

(SYR-54-LJP) SYR-85-LJP KFS KLS LAYER: ON=*, OFF=REF
G:\CAD\GE-CAD\GE_ACTIVE\V\10073900\SWSSM06\10073G02.DWG SAVED:2/5/2007 8:57 AM LAYOUT:Layout1 PAGESETUP:---- PENTABLE:PLTFULL.CTB PRINTED:2/5/2007 8:57 AM BY:KSARTORI
PROJECTNAME: ----
XREFS: IMAGES:
10073X00



GENERAL ELECTRIC COMPANY
LOEFFEL SITE ENVIRONS

2006 SURFACE WATER AND SUSPENDED SEDIMENT MONITORING

VALATIE KILL AT INLET TO NASSAU LAKE SURFACE WATER AND SUSPENDED SEDIMENT SAMPLING LOCATION - 2006

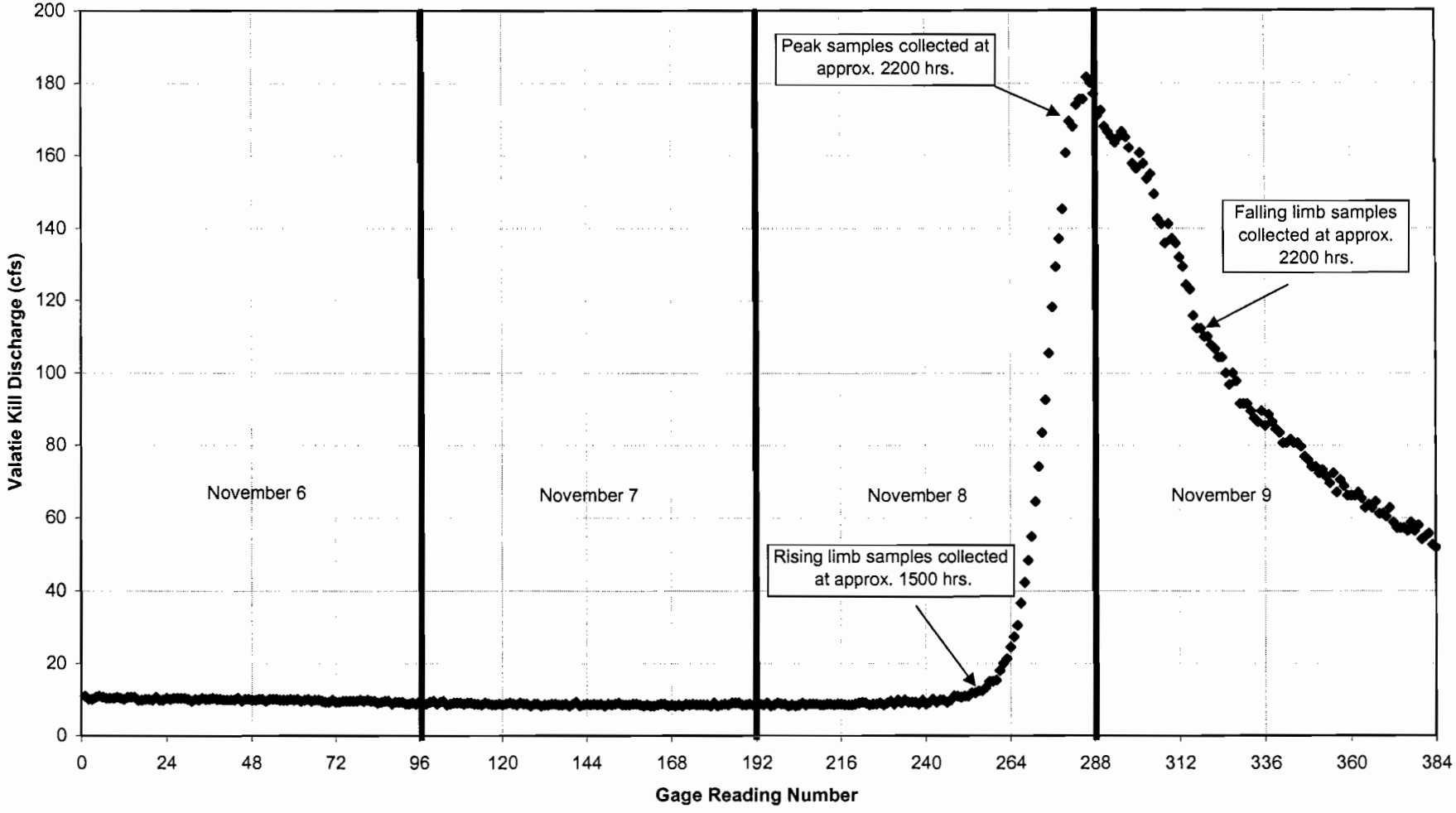
ARCADIS BBL
Infrastructure, environment, facilities

FIGURE
4

SYR-85-AK KFS KLS LAYER: ON=*, OFF=*REF*
G:\CAD\GE-CAD\GE_ACTIVE\W\10073900\SWSSM06\10073G03.DWG SAVED: 2/5/2007 8:55 AM LAYOUT: Layout1 PAGESETUP:----- PENTABLE: PLTFULL.CTB PRINTED: 2/5/2007 8:56 AM BY: KSARTORI
PROJECTNAME:-----
XREFS: IMAGES:

Figure 5
2006 Surface Water and Suspended Sediment Monitoring
Loeffel Site Environs
Nassau, NY

15-Minute Interval Flow Date: Valatie Kill Stream Gage 01360360 November 6-9, 2006



Note: Field sampling crews target rising limb, peak, and falling limb flow conditions. Adverse field conditions can result in sample collection times that do not correspond exactly with these flow conditions.

2/5/2007
highflowhydrograph.xls

ARCADIS BBL

Attachment A

Data Validation Reports and
Analytical Data

DATA USABILITY SUMMARY REPORT

GE LOEFFEL

NASSAU, NY

SDG#J37520

PCB, TOC AND TDS ANALYSES

Analyses performed by:

Accutest Laboratories
Dayton, New Jersey

Review performed by:

BBL®
an ARCADIS company

Syracuse, New York
Report #6047

Summary

The following is an assessment of the data package for Sample Delivery Group (SDG) #J37520 for sampling from the GE Loeffel Site. Included with this assessment are the data review check sheets used in the review of the package and corrected sample results. Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample Date	Analysis				
				VOC	SVOC	PCB	MET	MISC
T11A-01	J37520-1	Water	08/03/2006			X		X
A28-01	J37520-2	Water	08/03/2006			X		X
NL/VK-01	J37520-3	Water	08/03/2006			X		X
DUP-01	J37520-4	Water	08/03/2006			X		X
FEB-01	J37520-5	Water	08/03/2006			X		X

Notes:

1. Matrix spike/matrix spike duplicate (MS/MSD) performed on sample location NL/VK-01.
2. Sample location DUP-01 is the field duplicate of parent sample location NL/VK-01.
3. Miscellaneous parameters include Total Organic Carbon (TOC) and Total Dissolved Solids.

POLYCHLORINATED BIPHENYLS (PCBs) ANALYSES

Introduction

Analyses were performed according to (United Stated Environmental Protection Agency) USEPA SW-846 Method 8082. Data were reviewed in accordance with USEPA National Functional Guidelines of October 1999.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

E The compound was quantitated above the calibration range.

D Concentration is based on a diluted sample analysis.

C Identification confirmed by GC/MS.

UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Data Assessment

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 8260	Water	7 days from collection to extraction and 40 days from extraction to analysis	Cooled @ 4 °C
	Soil	14 days from collection to extraction and 40 days from extraction to analysis	Cooled @ 4 °C

All samples were analyzed within the specified holding times.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

No compounds were detected in the associated blanks.

3. System Performance

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

A maximum relative standard deviation (RSD) of 20% is allowed. Multiple-point calibrations were performed for Aroclors 1016 and 1260 only. Single-point calibrations were performed for the remaining Aroclors.

4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less then the control limit (15%).

All calibration criteria were within the control limits.

5. Surrogates / System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. PCB analysis requires that one of the two PCB surrogate compounds exhibit recoveries within the laboratory-established acceptance limits.

All surrogate recoveries reported from the primary column were within control limits.

6. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

> Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations were the compound's concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD analysis exhibited recoveries within the control limits.

7. Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

All compounds associated with the LCS analysis exhibited recoveries within the control limits.

8. Field Duplicate Analysis

Field duplicate analysis is used to assess the precision and accuracy of the field sampling procedures and analytical method.

Results for duplicate samples are summarized in the following table.

Sample ID / Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
NL/VK-01 / DUP-01	All compounds	ND (0.053)	ND (0.050)	AC

ND = Not detected.
AC = The field duplicate RPD is acceptable when the RPD between parent sample and field duplicate sample is less than one times the RL and where the parent sample and/or duplicate concentration is less than five times the RL.

The field duplicate RPD were acceptable.

9. Compound Identification

The retention times of all quantitated peaks must fall within the calculated retention time windows for both the primary and confirmation columns.

No target compounds were identified in the samples.

10. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

SUPPLEMENTAL PARAMETERS

Introduction

Analyses were performed according to the following USEPA methods:

TOC	EPA 415.1
TDS	EPA 160.1

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with National Functional Guidelines:

U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant QC problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Data Assessment

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
EPA 415.1	Water	28 days from collection to analysis	Cooled @ 4 °C
EPA 160.1	Water	7 days from collection to analysis	Cooled @ 4 °C

All samples were analyzed within the specified holding times.

2. Blank Contamination

Quality assurance blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

No compounds were detected above the in the associated blanks.

3. System Performance

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

Calibration data were acceptable.

5. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample

locations were the compound's concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD exhibited acceptable recoveries.

6. Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the precision and accuracy of the analytical method independent of matrix Interferences. The compounds associated with the LCS analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

All compounds associated with the LCS analysis exhibited recoveries within the control limits.

7. Field Duplicate Analysis

Field duplicate analysis is used to assess the precision and accuracy of the field sampling procedures and analytical method.

Results for duplicate samples are summarized in the following table.

Sample ID / Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
NL/VK-01 / DUP-01	TOC	2.7	2.6	3.8%
	TDS	103	109	5.7%

ND = Not detected.
AC = The field duplicate RPD is acceptable when the RPD between parent sample and field duplicate sample is less than two times the RL and where the parent sample and/or duplicate concentration is less than five times the RL.

The field duplicate RPD were acceptable.

8. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

Corrected Sample Analysis Data Sheets

Accutest Laboratories

Report of Analysis

Client Sample ID:	T11A-01		
Lab Sample ID:	J37520-1	**Date Sampled:**	08/03/06
Matrix:	AQ - Water	**Date Received:**	08/04/06
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	GE Loeffel, Nassau, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G22912.D	1	08/05/06	OPM	08/04/06	OP24410	G1G756
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.050	0.0094	ug/l	
11104-28-2	Aroclor 1221	ND	0.050	0.047	ug/l	
11141-16-5	Aroclor 1232	ND	0.050	0.039	ug/l	
53469-21-9	Aroclor 1242	ND	0.050	0.016	ug/l	
12672-29-6	Aroclor 1248	ND	0.050	0.015	ug/l	
11097-69-1	Aroclor 1254	ND	0.050	0.011	ug/l	
11096-82-5	Aroclor 1260	ND	0.050	0.012	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	61%		38-133%
877-09-8	Tetrachloro-m-xylene	61%		38-133%
2051-24-3	Decachlorobiphenyl	78%		18-156%
2051-24-3	Decachlorobiphenyl	80%		18-156%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	T11A-01		
Lab Sample ID:	J37520-1	**Date Sampled:**	08/03/06
Matrix:	AQ - Water	**Date Received:**	08/04/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Solids, Total Dissolved	82.0	10	mg/l	1	08/08/06	ESJ	EPA 160.1
Total Organic Carbon	<1.0	1.0	mg/l	1	08/16/06 20:03	SJG	415.1/9060 M/5310B M

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	A28-01		
Lab Sample ID:	J37520-2	**Date Sampled:**	08/03/06
Matrix:	AQ - Water	**Date Received:**	08/04/06
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	GE Loeffel, Nassau, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G22920.D	1	08/05/06	OPM	08/04/06	OP24410	G1G756
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.050	0.0094	ug/l	
11104-28-2	Aroclor 1221	ND	0.050	0.047	ug/l	
11141-16-5	Aroclor 1232	ND	0.050	0.039	ug/l	
53469-21-9	Aroclor 1242	ND	0.050	0.016	ug/l	
12672-29-6	Aroclor 1248	ND	0.050	0.015	ug/l	
11097-69-1	Aroclor 1254	ND	0.050	0.011	ug/l	
11096-82-5	Aroclor 1260	ND	0.050	0.012	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	57%		38-133%
877-09-8	Tetrachloro-m-xylene	55%		38-133%
2051-24-3	Decachlorobiphenyl	82%		18-156%
2051-24-3	Decachlorobiphenyl	83%		18-156%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	A28-01		
Lab Sample ID:	J37520-2	**Date Sampled:**	08/03/06
Matrix:	AQ - Water	**Date Received:**	08/04/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Solids, Total Dissolved	94.0	10	mg/l	1	08/08/06	ESJ	EPA 160.1
Total Organic Carbon	3.1	1.0	mg/l	1	08/16/06 20:10	SJG	415.1/9060 M/5310B M

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	NL/VK-01		
Lab Sample ID:	J37520-3	**Date Sampled:**	08/03/06
Matrix:	AQ - Water	**Date Received:**	08/04/06
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	GE Loeffel, Nassau, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G22921.D	1	08/05/06	OPM	08/04/06	OP24410	G1G756
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	1.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.053	0.0099	ug/l	
11104-28-2	Aroclor 1221	ND	0.053	0.049	ug/l	
11141-16-5	Aroclor 1232	ND	0.053	0.041	ug/l	
53469-21-9	Aroclor 1242	ND	0.053	0.017	ug/l	
12672-29-6	Aroclor 1248	ND	0.053	0.016	ug/l	
11097-69-1	Aroclor 1254	ND	0.053	0.011	ug/l	
11096-82-5	Aroclor 1260	ND	0.053	0.012	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	66%		38-133%
877-09-8	Tetrachloro-m-xylene	64%		38-133%
2051-24-3	Decachlorobiphenyl	78%		18-156%
2051-24-3	Decachlorobiphenyl	83%		18-156%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	DUP-01		
Lab Sample ID:	J37520-4	**Date Sampled:**	08/03/06
Matrix:	AQ - Water	**Date Received:**	08/04/06
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	GE Loeffel, Nassau, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G22922.D	1	08/06/06	OPM	08/04/06	OP24410	G1G756
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.050	0.0094	ug/l	
11104-28-2	Aroclor 1221	ND	0.050	0.047	ug/l	
11141-16-5	Aroclor 1232	ND	0.050	0.039	ug/l	
53469-21-9	Aroclor 1242	ND	0.050	0.016	ug/l	
12672-29-6	Aroclor 1248	ND	0.050	0.015	ug/l	
11097-69-1	Aroclor 1254	ND	0.050	0.011	ug/l	
11096-82-5	Aroclor 1260	ND	0.050	0.012	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	66%		38-133%
877-09-8	Tetrachloro-m-xylene	65%		38-133%
2051-24-3	Decachlorobiphenyl	80%		18-156%
2051-24-3	Decachlorobiphenyl	87%		18-156%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

ACCUTEST Laboratories

CHAIN OF CUSTODY

2235 Route 130, Dayton NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #:
Bottle Order Control #:
Accutest Quote #:
Accutest Job #: J37520

Client / Reporting Information

Company Name: Blasland, Bouck + Lee, Inc.
Address: 6723 Towpath Road
City: Syracuse State: NY Zip: 13214
Project Contact: Chris Torell E-mail: ctorell@bbl-inc.com
Phone #: (315) 446-9120
Sampler's Name: Jill Piskorz

Project Information

Project Name: GE Loeffel Site Environs
Street:
City: Nassau State: NY
Project #: 100.73.900
Fax #: (315) 446-9161
Client Purchase Order #:

Requested Analysis: Suspended Sediment; Total Organic Carbon; Suspended Sediment PCBs (Congeners)

Accutest Sample #	Field ID / Point of Collection	SUMMA # / MEOH Vial #	Date	Time	Sampled By	Matrix	# of bottles	Suspended Sediment / Total Organic Carbon	Suspended Sediment PCBs
-8	NLIVK-01 ~~A28-01~~-MS		8/3/06	1350	JAP	SOL	1	X	X
	NLIVK-01 ~~A28-01~~-MSD		8/3/06	1350	JAP	SOL	1	X	X
-9	DUP-01		8/3/06	—	←	SOL	1	X	X

Turnaround Time (Business Days)

- [x] Std. 15 Business Days
- [ ] 10 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY
- [ ] Other

Approved By: / Date:

Emergency & Rush T/A data available VIA LabLink

Data Deliverable Information

- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] NJ Reduced
- [ ] NJ Full
- [ ] Other
- [x] FULL CLP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format

Commercial "A" = Results Only

Comments / Remarks

For filters, call BBL with tare before extraction
~~TB~~ samples rec'd written as NL-VK-01 MS & MSD TPS 8/4/06
Tony-KB & Jill Piskorz MS & MSD = NLIVK01 ALSO

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by	Date Time	Received by	Relinquished by	Date Time	Received by
1 Jill Piskorz	8/3/06 1930	1 Fed Ex	2 Fed Ex	0900 8/4/06	2 [signature]
3		3	4		4
5		5	Custody Seal #	Preserved where applicable ☐	On Ice ☑ Cooler Temp. 4.4°C

CHAIN OF CUSTODY

ACCUTEST.
Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
908-329-0200 FAX: 908-329-3499/3480

Accutest Job #:

Accutest Quote #:

Client Information

Accutest

Name: 2235 Route 130

Address: Dayton NJ 08810
City State Zip

Send Report to: Tammy McCloskey

Phone #: (732) 329-0200 X-218

Facility Information

Project Name: Nassau, NY

Location:

Project No.: J37520

FAX #: (732) 329-3499

Analytical Information

Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	Preservation HCL	NaOH	HNO3	H2So4	None	Chlorophyll-a
J37520 -1	8/3/06	11:45		AQ							X
-2	8/3/06	12:20		AQ							X
-3	8/3/06	13:50		AQ							X
-3D	8/3/06	13:50		AQ							X
-4 (blind dup)	8/3/06	0:00		AQ							X
-											
-											
-											
-											
-											

Turnaround Information

- [ ] 21 Day Standard — Approved By:
- [ ] 14 Day
- [ ] 7 Days *EMERGENCY*
- [X] Other 21 (Days)

21 Day Turnaround Hardcopy, Emergency or RUSH is FAX Data unless previously approved.

Data Deliverable Information

- [ ] NJ Reduced
- [X] NJ Full
- [ ] FULL CLP
- [ ] Disk Deliverable
- [ ] Other (Specify)
- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] State Forms

Comments / Remarks

3D is to be used as QC duplicate

4 is blind field duplicate

Sample Custody must be documented below each time samples change possesion, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	8/4/06 1700	1 FedEx	2		2
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3		3	4		4
Relinquished by Sampler:	Date Time:	Received By:	Seal #	Preserved where applicable	On Ice
5		5		☐	☐

Accutest
Subcontractor Order

Date/Time:	8/4/06 3:00 PM	**Sub Lab:**	
Accutest Job No.	J37520	**Address:**	
Client Project:	Nassau, NY		
CSR:	TAM	**Contact:**	
		Phone:	

Sample #:	Analyses
J37520 - 1	Chlorophyll-a
2	Chlorophyll-a
3	Chlorophyll-a
3D	Chlorophyll-a
4 (blind dup)	Chlorophyll-a
Turn Around	21

Sample Managment receipt: _____ **Date:** 8/4/06

(Print form and sign/date. Submit this form to Login Dept. with the SUB COC.)

e/sop_new/subform

SUBCONTRACT DATA

J37520X

Aquatec Biological Sciences

Ecology | Environmental Toxicology | Natural Resource Assessments | Microbiology

Analytical Report

Karen Bovin
Accutest
2235 Route 130
Dayton, NJ 08810

Date : 9/18/2006
BTR No. : 09745
Project No. : 06054
No. of Samples : 5
Date Received : 8/5/2006

Reference: J37520

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater. All results are in mg/l unless otherwise noted.

Laboratory Number/ Method Number:	Sample Information/ Method Description:	Result
032549	J37520-1: 8/3/2006 @ 11:45:00 AM	
	10200H3-C Chlorophyll a, corrected, ug/L; Analyzed: 8/5/2006 @ 11:30:00 AM	0.1
	10200H3-U Chlorophyll a, uncorrected, ug/L; Analyzed: 8/5/2006 @ 11:30:00 AM	0.2
032550	J37520-2: 8/3/2006 @ 12:40:00 PM	
	10200H3-C Chlorophyll a, corrected, ug/L; Analyzed: 8/5/2006 @ 11:30:00 AM	0.5
	10200H3-U Chlorophyll a, uncorrected, ug/L; Analyzed: 8/5/2006 @ 11:30:00 AM	0.7
032551	J37520-3: 8/3/2006 @ 1:50:00 PM	
	10200H3-C Chlorophyll a, corrected, ug/L; Analyzed: 8/5/2006 @ 11:30:00 AM	0.4
	10200H3-U Chlorophyll a, uncorrected, ug/L; Analyzed: 8/5/2006 @ 11:30:00 AM	0.6
032552	J37520-3-MS: 8/3/2006 @ 1:50:00 PM	
	10200H3-C Chlorophyll a, corrected, ug/L; Analyzed: @	
	10200H3-U Chlorophyll a, uncorrected, ug/L; Analyzed: @	
032553	J37520-3-MSD: 8/3/2006 @ 1:50:00 PM	
	10200H3-C Chlorophyll a, corrected, ug/L; Analyzed: 8/5/2006 @ 11:30:00 AM	0.5
	10200H3-U Chlorophyll a, uncorrected, ug/L; Analyzed: 8/5/2006 @ 11:30:00 AM	0.7

Comments/Notes

Duplicate Report

Sample #32552 (MS) not analyzed.

Aquatec Biological Sciences

Ecology | Environmental Toxicology | Natural Resource Assessments | Microbiology

Analytical Report

Karen Bovin
Accutest
2235 Route 130
Dayton, NJ 08810

Date : 9/18/2006
BTR No. : 09745
Project No. : 06054
No. of Samples : 5
Date Received : 8/5/2006

Reference: J37520

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater. All results are in mg/l unless otherwise noted.

Laboratory Number/ Method Number:	Sample Information/ Method Description:	Result
032554	J37520-4 (Blind Dup): 8/3/2006 @	
	10200H3-C Chlorophyll a, corrected, ug/L; Analyzed: 8/5/2006 @ 11:30:00 AM	0.5
	10200H3-U Chlorophyll a, uncorrected, ug/L; Analyzed: 8/5/2006 @ 11:30:00 AM	0.7
	ship cooler Return client's cooler, ; Analyzed: @	

Comments/Notes

Duplicate Report

Sample #32552 (MS) not analyzed.

Submitted By:

WW
SOL

CHAIN OF CUSTODY

1 of 2

ACCUTEST. Laboratories
2235 Route 130, Dayton NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #:

Bottle Order Control #: TM-7/10/06-2

Accutest Quote #:

Accutest Job #: J37520 - X

Client / Reporting Information

Company Name: Blasland, Bouck & Lee, Inc.
Address: 6723 Towpath Road
City: Syracuse State: NY Zip: 13214
Project Contact: Chris Torell E-mail: ctorell@bbl-inc.com
Phone #: (315) 446-9120
Sampler's Name: Jill Piskorz

Project Information

Project Name: GE-Loeffel Site Environs
Street:
City: Nassau State: NY
Project #: 100.73.900
Fax #: (315) 446-9161
Client Purchase Order #:

Requested Analysis

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe

Accutest Sample #	Field ID / Point of Collection	SUMMA # / MEOH Vial #	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	None	NaHSO4	MeOH	ENCORE	Total Organic Carbon (TOC)	Total Dissolved Solids	Chlorophyll a	PCBs (Aroclor)	Suspended Sediment - TOC	Suspended Sediment - PCBs	LAB USE ONLY
-1	TIIA-01		8/3/06	1145	JAP	SW	4	1								X	X	X	X			EX10
-2	A28-01			1240	JAP	SW	4	1								X	X	X	X			WC18
-3	NL/VK-01			1350	JAP	SW	4	1								X	X	X	X			
	NL/VK-01-MS			1350	JAP	SW	4	1								X	X	X	X			
	NL/VK-01-MSD			1350	JAP	SW	4	1								X	X	X	X			
-4	DUP-01			—	JAP	SW	4	1								X	X	X	X			
-5	FEB-01			1709	JAP	WW	1												X			
-6	TIIA-01			1145	JAP	SOL	1													X	X	
-7	A28-01			1240	JAP	SOL	1													X	X	
-8	NL/VK-01		↓	1350	JAP	SOL	1													X	X	

Turnaround Time (Business Days)

- [X] Std. 15 Business Days
- [ ] 10 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*
- [ ] Other

Approved By: / Date:

Emergency & Rush T/A data available VIA LabLink

Data Deliverable Information

- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] NJ Reduced
- [ ] NJ Full
- [ ] Other
- [X] FULL CLP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format

Commercial "A" = Results Only

Comments / Remarks

For filters, call BBL with tare before extraction.

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received by:	Relinquished by:	Date Time:	Received by:
1 Jill Piskorz	8/3/06 1930	1 Fed Ex	2 Fed Ex	8/4/06 0900	2
3		3	4		4
5		5	Custody Seal #	Preserved where applicable ☐	On Ice ☑ Cooler Temp 4.4 °C

IA

ACCUTEST Laboratories

CHAIN OF CUSTODY

2235 Route 130, Dayton NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #:
Bottle Order Control #:
Accutest Quote #:
Accutest Job #: J37520

Client / Reporting Information

Company Name: Blasland, Bouck+Lee, Inc.
Address: 6723 Towpath Road
City: Syracuse State: NY Zip: 13214
Project Contact: Chris Torell E-mail: ctrell@bbl-inc.com
Phone #: (315) 446-9120
Sampler's Name: Jill Piskorz

Project Information

Project Name: GE Loeffel Site Environs
Street:
City: Nassau State: NY
Project #: 100.73.900
Fax #: (315) 446-9161
Client Purchase Order #:

Requested Analysis: 8260 ☐ 624 ☐ 8021 ☐ 602 ☐ PAUG ☐ / BTEX ☐ MTBE ☐ TBA ☐ NAP ☐ PALG ☐; 8260 ☐ 624 ☐ TCL ☐ PPL ☐ STARS ☐ MTBE ☐ / TBA ☐ NAP ☐ +10 ☐ +15 ☐; 8270 ☐ 625 ☐ TCL ☐ PPL ☐ STARS ☐ / ABN ☐ BN ☐ PAH ☐ PADF ☐ +TICs ☐; Suspended Sediment Total Organic Carbon; Suspended Sediment PCBs

Accutest Sample #	Field ID / Point of Collection	SUMMA # / MEOH Vial #	Date	Time	Sampled By	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	8260/BTEX	8260/TBA	8270/ABN	Suspended Sediment Total Organic Carbon	Suspended Sediment PCBs	LAB USE ONLY
	NLVK-01																				
-8	~~A28-01~~-MS		8/3/06	1350	JAP	SOL	1												X	X	
	~~A28-01~~-MSD		8/3/06	1350	JAP	SOL	1												X	X	
-9	DUP-01		8/3/06	—	—	SOL	1												X	X	

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe

Turnaround Time (Business Days)

- ☒ Std. 15 Business Days
- ☐ 10 Day RUSH
- ☐ 5 Day RUSH
- ☐ 3 Day EMERGENCY
- ☐ 2 Day EMERGENCY
- ☐ 1 Day EMERGENCY
- ☐ Other

Approved By: / Date:

Emergency & Rush T/A data available VIA LabLink

Data Deliverable Information

- ☐ Commercial "A"
- ☐ Commercial "B"
- ☐ NJ Reduced
- ☐ NJ Full
- ☐ Other
- ☒ FULL CLP
- ☐ NYASP Category A
- ☐ NYASP Category B
- ☐ State Forms
- ☐ EDD Format

Commercial "A" = Results Only

Comments / Remarks

For filters, call BBL with tare before extraction
Samples rec'd written as NL-VK-(?), MS & MSD TRS 8/4/06
Per K.B & Jill Piskorz MS & MSD = NLVK01 ALSO

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received by:	Relinquished by:	Date Time:	Received by:
1 Jill Piskorz	8/3/06 1930	1 Fed Ex	2 Fed Ex	8/4/06 0900	2 [signature]
Relinquished by: 3	Date Time:	Received by: 3	Relinquished by: 4	Date Time:	Received by: 4
Relinquished by: 5	Date Time:	Received by: 5	Custody Seal #	Preserved where applicable ☐	On Ice ☐ Cooler Temp. 4.4°C

DATA USABILITY SUMMARY REPORT

GE LOEFFEL

NASSAU, NY

SDG #J46172

PCB, TOC AND TSS ANALYSES

Analyses performed by:

Accutest Laboratories
Dayton, New Jersey

Review performed by:

ARCADIS BBL
Infrastructure, environment, facilities

Syracuse, New York
Report #6442R

Summary

The following is an assessment of the data package for sample delivery group (SDG) #J46172 for sampling from the GE Loeffel Site. Included with this assessment are the data review check sheets used in the review of the package and corrected sample results. Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample Date	Analysis				
				VOC	SVOC	PCB	MET	MISC
T11A-1	J46172-1	Water	11/8/06			X		X
T11A-2	J46172-2	Water	11/8/06			X		X
T11A-3	J46172-3	Water	11/9/06			X		X
A28-1	J46172-4	Water	11/8/06			X		X
A28-2	J46172-5	Water	11/8/06			X		X
A28-3	J46172-6	Water	11/9/06			X		X
NL/VK-1	J46172-7	Water	11/8/06			X		X
NL/VK-2	J46172-8	Water	11/8/06			X		X
NL/VK-3	J46172-9	Water	11/9/06			X		X
DUP-1	J46172-10	Water	11/9/06			X		X

Notes:

1. Matrix spike/matrix spike duplicate (MS/MSD) performed on sample location NL/VK-3.
2. Sample location DUP-01 is the field duplicate of parent sample location NL/VK-3.
3. Miscellaneous parameters include Total Organic Carbon (TOC) and Total Suspended Solids (TSS).

POLYCHLORINATED BIPHENYLS (PCBs) ANALYSES

Introduction

Analyses were performed according to (United Stated Environmental Protection Agency) USEPA SW-846 Method 8082. Data were reviewed in accordance with USEPA National Functional Guidelines of October 1999.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

E The compound was quantitated above the calibration range.

D Concentration is based on a diluted sample analysis.

C Identification confirmed by GC/MS.

UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant QC problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Data Assessment

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 8082	Water	7 days from collection to extraction and 40 days from extraction to analysis	Cooled @ 4 °C
	Soil	14 days from collection to extraction and 40 days from extraction to analysis	Cooled @ 4 °C

All samples were analyzed within the specified holding times.

2. Blank Contamination

Quality assurance blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

No compounds were detected in the associated blanks.

3. System Performance

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

A maximum RSD of 20% is allowed or a correlation coefficient greater than 0.99. Multiple-point calibrations were performed for Aroclor 1016 and 1260 only. Single-point calibrations were performed for the remaining Aroclors.

4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less then the control limit (15%).

All calibration criteria were within the control limits.

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. PCB analysis requires that one of the two PCB surrogate compounds exhibit recoveries within the laboratory-established acceptance limits.

Sample locations associated with surrogates exhibiting recoveries outside of the control limits presented in the following table.

Sample Locations	Surrogate	Recovery
T11A-2	Tetrachloro-m-xylene	< LL but > 10%
	Decachlorobiphenyl	AC

Upper control limit (UL)
Lower control limit (LL)
Diluted (D)
Acceptable (AC)

6. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations were the compound's concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD exhibited acceptable recoveries and RPD between the MS/MSD recoveries.

7. Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

All compounds associated with the LCS analysis exhibited recoveries within the control limits.

8. Field Duplicate Analysis

Field duplicate analysis is used to assess the precision and accuracy of the field sampling procedures and analytical method. A control limit of 50% for water matrices and 100% for soil matrices is applied to the RPD between the parent sample and the field duplicate.

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
NL/VK-3/DUP-1	All compounds	ND (0.050)	ND (0.050)	AC

ND = Not detected.
AC = The field duplicate RPD is acceptable when the RPD between parent sample and field duplicate sample is less than two times the RL and where the parent sample and/or duplicate concentration is less than five times the RL.

The calculated RPDs between the parent sample and field duplicate were acceptable.

9. Compound Identification

The retention times of all quantitated peaks must fall within the calculated retention time windows for both the primary and confirmation columns. When dual column analysis is performed the percent difference (%D) of detected sample results must be less than 25%.

All detected sample results met compound identification parameters.

10. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

SUPPLEMENTAL PARAMETERS

Introduction

Analyses were performed according to the following USEPA methods:

TOC	EPA 415.1
TSS	EPA 160.2

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with National Functional Guidelines:

U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant QC problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Data Assessment

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
EPA 415.1	Water	28 days from collection to analysis	Cooled @ 4 °C
EPA 160.2	Water	7 days from collection to analysis	Cooled @ 4 °C

All samples were analyzed within the specified holding times.

2. Blank Contamination

Quality assurance blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

No compounds were detected above the reporting limit in the associated blanks.

3. System Performance

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

Calibration data were acceptable.

5. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations were the compound's concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD exhibited acceptable recoveries.

6. Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the precision and accuracy of the analytical method independent of matrix Interferences. The compounds associated with the LCS analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

All compounds associated with the LCS analysis exhibited recoveries within the control limits.

7. Field Duplicate Analysis

Field duplicate analysis is used to assess the precision and accuracy of the field sampling procedures and analytical method.

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
NL/VK-3/DUP-1	TOC	5.2	5.3	22.2%
	TSS	12	15	1.9%

ND = Not detected.
AC = The field duplicate RPD is acceptable when the RPD between parent sample and field duplicate sample is less than two times the RL and where the parent sample and/or duplicate concentration is less than five times the RL.

The field duplicate RPD were acceptable.

8. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

Corrected Sample Analysis Data Sheets

Accutest Laboratories

Report of Analysis

Client Sample ID:	T11A-1		
Lab Sample ID:	J46172-1	**Date Sampled:**	11/08/06
Matrix:	AQ - Ground Water	**Date Received:**	11/10/06
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	GE Loeffel, Nassau, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2G15049.D	1	12/04/06	JSE	11/14/06	OP25455	G2G613
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.050	0.0094	ug/l	
11104-28-2	Aroclor 1221	ND	0.050	0.047	ug/l	
11141-16-5	Aroclor 1232	ND	0.050	0.039	ug/l	
53469-21-9	Aroclor 1242	ND	0.050	0.016	ug/l	
12672-29-6	Aroclor 1248	ND	0.050	0.015	ug/l	
11097-69-1	Aroclor 1254	ND	0.050	0.011	ug/l	
11096-82-5	Aroclor 1260	0.12	0.050	0.012	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	40%		38-133%
877-09-8	Tetrachloro-m-xylene	45%		38-133%
2051-24-3	Decachlorobiphenyl	72%		18-156%
2051-24-3	Decachlorobiphenyl	76%		18-156%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	T11A-1		
Lab Sample ID:	J46172-1	**Date Sampled:**	11/08/06
Matrix:	AQ - Ground Water	**Date Received:**	11/10/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Solids, Total Suspended	10.0	4.0	mg/l	1	11/15/06	SP	EPA 160.2
Total Organic Carbon	4.0	1.0	mg/l	1	12/01/06 19:59	ESJ	415.1/9060 M/5310B M

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	T11A-2		
Lab Sample ID:	J46172-2	**Date Sampled:**	11/08/06
Matrix:	AQ - Ground Water	**Date Received:**	11/10/06
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	GE Loeffel, Nassau, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2G15050.D	1	12/04/06	JSE	11/14/06	OP25455	G2G613
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.050	0.0094	ug/l	
11104-28-2	Aroclor 1221	ND	0.050	0.047	ug/l	
11141-16-5	Aroclor 1232	ND	0.050	0.039	ug/l	
53469-21-9	Aroclor 1242	ND	0.050	0.016	ug/l	
12672-29-6	Aroclor 1248	ND	0.050	0.015	ug/l	
11097-69-1	Aroclor 1254	ND	0.050	0.011	ug/l	
11096-82-5	Aroclor 1260	0.24	0.050	0.012	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	30% [a]		38-133%
877-09-8	Tetrachloro-m-xylene	36% [a]		38-133%
2051-24-3	Decachlorobiphenyl	53%		18-156%
2051-24-3	Decachlorobiphenyl	68%		18-156%

(a) Outside control limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	T11A-2		
Lab Sample ID:	J46172-2	**Date Sampled:**	11/08/06
Matrix:	AQ - Ground Water	**Date Received:**	11/10/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Solids, Total Suspended	21.0	4.0	mg/l	1	11/15/06	SP	EPA 160.2
Total Organic Carbon	8.5	1.0	mg/l	1	12/01/06 20:06	ESJ	415.1/9060 M/5310B M

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	T11A-3		
Lab Sample ID:	J46172-3	**Date Sampled:**	11/09/06
Matrix:	AQ - Ground Water	**Date Received:**	11/10/06
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	GE Loeffel, Nassau, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2G15051.D	1	12/04/06	JSE	11/14/06	OP25455	G2G613
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.050	0.0094	ug/l	
11104-28-2	Aroclor 1221	ND	0.050	0.047	ug/l	
11141-16-5	Aroclor 1232	ND	0.050	0.039	ug/l	
53469-21-9	Aroclor 1242	ND	0.050	0.016	ug/l	
12672-29-6	Aroclor 1248	ND	0.050	0.015	ug/l	
11097-69-1	Aroclor 1254	ND	0.050	0.011	ug/l	
11096-82-5	Aroclor 1260	0.092	0.050	0.012	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	47%		38-133%
877-09-8	Tetrachloro-m-xylene	62%		38-133%
2051-24-3	Decachlorobiphenyl	64%		18-156%
2051-24-3	Decachlorobiphenyl	78%		18-156%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	T11A-3		
Lab Sample ID:	J46172-3	**Date Sampled:**	11/09/06
Matrix:	AQ - Ground Water	**Date Received:**	11/10/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Solids, Total Suspended	<4.0	4.0	mg/l	1	11/15/06	SP	EPA 160.2
Total Organic Carbon	4.2	1.0	mg/l	1	12/01/06 20:12	ESJ	415.1/9060 M/5310B M

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	A28-1		
Lab Sample ID:	J46172-4	**Date Sampled:**	11/08/06
Matrix:	AQ - Ground Water	**Date Received:**	11/10/06
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	GE Loeffel, Nassau, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2G15052.D	1	12/04/06	JSE	11/14/06	OP25455	G2G613
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.050	0.0094	ug/l	
11104-28-2	Aroclor 1221	ND	0.050	0.047	ug/l	
11141-16-5	Aroclor 1232	ND	0.050	0.039	ug/l	
53469-21-9	Aroclor 1242	ND	0.050	0.016	ug/l	
12672-29-6	Aroclor 1248	ND	0.050	0.015	ug/l	
11097-69-1	Aroclor 1254	ND	0.050	0.011	ug/l	
11096-82-5	Aroclor 1260	ND	0.050	0.012	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	46%		38-133%
877-09-8	Tetrachloro-m-xylene	52%		38-133%
2051-24-3	Decachlorobiphenyl	70%		18-156%
2051-24-3	Decachlorobiphenyl	85%		18-156%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	NL/VK-1		
Lab Sample ID:	J46172-7	**Date Sampled:**	11/08/06
Matrix:	AQ - Ground Water	**Date Received:**	11/10/06
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	GE Loeffel, Nassau, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2G15055.D	1	12/04/06	JSE	11/14/06	OP25455	G2G613
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.050	0.0094	ug/l	
11104-28-2	Aroclor 1221	ND	0.050	0.047	ug/l	
11141-16-5	Aroclor 1232	ND	0.050	0.039	ug/l	
53469-21-9	Aroclor 1242	ND	0.050	0.016	ug/l	
12672-29-6	Aroclor 1248	ND	0.050	0.015	ug/l	
11097-69-1	Aroclor 1254	ND	0.050	0.011	ug/l	
11096-82-5	Aroclor 1260	ND	0.050	0.012	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	70%		38-133%
877-09-8	Tetrachloro-m-xylene	162% [a]		38-133%
2051-24-3	Decachlorobiphenyl	72%		18-156%
2051-24-3	Decachlorobiphenyl	88%		18-156%

(a) Outside control limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	NL/VK-1		
Lab Sample ID:	J46172-7	**Date Sampled:**	11/08/06
Matrix:	AQ - Ground Water	**Date Received:**	11/10/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Solids, Total Suspended	<4.0	4.0	mg/l	1	11/15/06	SP	EPA 160.2
Total Organic Carbon	3.7	1.0	mg/l	1	12/04/06 12:40	ESJ	415.1/9060 M/5310B M

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	NL/VK-3		
Lab Sample ID:	J46172-9	**Date Sampled:**	11/09/06
Matrix:	AQ - Ground Water	**Date Received:**	11/10/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Solids, Total Suspended	12.0	4.0	mg/l	1	11/15/06	SP	EPA 160.2
Total Organic Carbon	5.2	1.0	mg/l	1	12/01/06 19:31	ESJ	415.1/9060 M/5310B M

RL = Reporting Limit

J46172-X

Aquatec Biological Sciences

Ecology | Environmental Toxicology | Natural Resource Assessments | Microbiology

Analytical Report

Karen Bovin
Accutest
2235 Route 130
Dayton, NJ 08810

Date : 12/6/2006
BTR No. : 10008
Project No. : 06054
No. of Samples : 10
Date Received : 11/15/2006

Reference: Nassau, NY - J46172

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater.
All results are in mg/l unless otherwise noted.

Laboratory Number/ Method Number:	Sample Information/ Method Description:	Result
033910	J46172-1: 11/8/2006 @ 2:17:00 PM	
	10200H3-C Chlorophyll a, corrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	0.9
	10200H3-U Chlorophyll a, uncorrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	1.2
033911	J46172-2: 11/8/2006 @ 10:00:00 PM	
	10200H3-C Chlorophyll a, corrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	1.0
	10200H3-U Chlorophyll a, uncorrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	1.7
033912	J46172-3: 11/9/2006 @ 6:25:00 AM	
	10200H3-C Chlorophyll a, corrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	0.1
	10200H3-U Chlorophyll a, uncorrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	0.2
033913	J46172-4: 11/8/2006 @ 3:00:00 PM	
	10200H3-C Chlorophyll a, corrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	0.9
	10200H3-U Chlorophyll a, uncorrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	1.0
033914	J46172-5: 11/8/2006 @ 10:40:00 PM	
	10200H3-C Chlorophyll a, corrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	4.6
	10200H3-U Chlorophyll a, uncorrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	6.7
033915	J46172-6: 11/9/2006 @ 7:30:00 AM	
	10200H3-C Chlorophyll a, corrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	1.4
	10200H3-U Chlorophyll a, uncorrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	1.9

J46172-9S - Matrix Spike NOT ANALYZED.

273 Commerce Street, Williston, VT 05495 Tel: 802.860.1638 Fax: 802.658.3189

Aquatec Biological Sciences

Ecology | Environmental Toxicology | Natural Resource Assessments | Microbiology

Analytical Report

Karen Bovin
Accutest
2235 Route 130
Dayton, NJ 08810

Date : 12/6/2006
BTR No. : 10008
Project No. : 06054
No. of Samples : 10
Date Received : 11/15/2006

Reference: Nassau, NY - J46172

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater. All results are in mg/l unless otherwise noted.

Laboratory Number/ Method Number:	Sample Information/ Method Description:	Result
033916	J46172-7: 11/8/2006 @ 3:49:00 PM	
	10200H3-C Chlorophyll a, corrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	0.6
	10200H3-U Chlorophyll a, uncorrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	0.8
033917	J46172-8: 11/8/2006 @ 11:20:00 PM	
	10200H3-C Chlorophyll a, corrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	8.6
	10200H3-U Chlorophyll a, uncorrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	12.3
033918	J46172-9: 11/9/2006 @ 8:00:00 AM	
	10200H3-C Chlorophyll a, corrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	1.4
	10200H3-U Chlorophyll a, uncorrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	2.0
033919	J46172-9S: 11/9/2006 @ 8:52:00 AM	
	10200H3-C Chlorophyll a, corrected, ug/L; Analyzed: @	
	10200H3-U Chlorophyll a, uncorrected, ug/L; Analyzed: @	

J46172-9S - Matrix Spike NOT ANALYZED.

Submitted By:

273 Commerce Street, Williston, VT 05495 Tel: 802.860.1638 Fax: 802.658.3189

CHAIN OF CUSTODY

ACCUTEST
Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
908-329-0200 FAX: 908-329-3499/3480

Accutest Job #:

Accutest Quote #:

Client Information

Accutest

Name: 2235 Route 130

Address: Dayton NJ 08810

City State Zip

Tammy McCloskey

Send Report to:

Phone #: (732) 329-0200 X-218

Facility Information

Project Name: Nassau, NY

Location:

Project No.: J47172

FAX #: (732) 329-3499

Analytical Information

Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	Preservation HCL	NaOH	HNO3	H2SO4	None	Chlorophyll-a
J47172 -1	11/8/06	14:17		AQ							X
-2	11/8/06	22:00		AQ							X
-3	11/9/06	6:25		AQ							X
-4	11/8/06	15:00		AQ							X
-5	11/8/06	22:40		AQ							X
-6	11/9/06	7:30		AQ							X
-7	11/8/06	15:49		AQ							X
-8	11/8/06	23:20		AQ							X
-9	11/9/06	8:00		AQ							X
-9S	11/9/06	8:52		AQ							X

Turnaround Information

- [ ] 21 Day Standard — Approved By:
- [ ] 14 Day
- [ ] 7 Days *EMERGENCY*
- [X] Other 21 (Days)

21 Day Turnaround Hardcopy, Emergency or RUSH is FAX Data unless previously approved.

Data Deliverable Information

- [ ] NJ Reduced
- [X] NJ Full
- [ ] FULL CLP
- [ ] Disk Deliverable
- [ ] Other (Specify)
- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] State Forms

Comments / Remarks

9S and 9D are client designated QC samples

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	11/14/06 1700	1	2	11-15-06 10:30	2
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3		3	4		4
Relinquished by Sampler:	Date Time:	Received By:	Seal #	Preserved where applicable	On Ice
5		5		☐	☐

6.3°C

Aquatec Biological Sciences

Ecology | Environmental Toxicology | Natural Resource Assessments | Microbiology

Analytical Report

Karen Bovin
Accutest
2235 Route 130
Dayton, NJ 08810

Date : 12/6/2006
BTR No. : 10009
Project No. : 06054
No. of Samples : 2
Date Received : 11/15/2006

Reference: Nassau, NY - J46172

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater. All results are in mg/l unless otherwise noted.

Laboratory Number/ Method Number:	Sample Information/ Method Description:	Result
033920	J46172-9D: 11/9/2006 @ 8:52:00 AM	
	10200H3-C Chlorophyll a, corrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	1.5
	10200H3-U Chlorophyll a, uncorrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	2.1
033921	J46172-10: 11/8/2006 @ 8:40:00 AM	
	10200H3-C Chlorophyll a, corrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	1.5
	10200H3-U Chlorophyll a, uncorrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	2.2
	ship cooler Return client's cooler, ; Analyzed: @	

Submitted By:

273 Commerce Street, Williston, VT 05495 Tel: 802.860.1638 Fax: 802.658.3189

CHAIN OF CUSTODY

ACCUTEST.
Fresh Ponds Corporate Village, Building B
2235 Route 130, Dayton, NJ 08810
908-329-0200 FAX: 908-329-3499/3480

Accutest Job #:

Accutest Quote #:

Client Information

Accutest

Name: 2235 Route 130

Address: Dayton NJ 08810

City State Zip

Send Report to: Tammy McCloskey

Phone #: (732) 329-0200 X-218

Facility Information

Project Name: Nassau, NY

Location:

Project No.: J46172

FAX #: (732) 329-3499

Analytical Information

Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	Preservation HCL	NaOH	HNO3	H2So4	None	Chlorophyll-a
J46172 -9D	11/9/06	08;52		AQ							X
-10	11/8/06	8:40.		AQ							X

Turnaround Information

- [ ] 21 Day Standard — Approved By:
- [ ] 14 Day
- [ ] 7 Days *EMERGENCY*
- [X] Other 21 (Days)

21 Day Turnaround Hardcopy, Emergency or RUSH is FAX Data unless previously approved.

Data Deliverable Information

- [ ] NJ Reduced
- [X] NJ Full
- [ ] FULL CLP
- [ ] Disk Deliverable
- [ ] Other (Specify)
- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] State Forms

Comments / Remarks

9S and 9D are client designated QC samples

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	11/14/06 1700	1 FedX	2		2
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3		3	4		4
Relinquished by Sampler:	Date Time:	Received By:	Seal #	Preserved where applicable	On Ice
5		5		☐	☐

CHAIN OF CUSTODY

ACCUTEST Laboratories

2235 Route 130, Dayton NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # J46172t

Client / Reporting Information

Company Name: Blasland Bouck and Lee
Address: 6723 Towpath Rd
City: Syracuse State: NY Zip: 13214
Project Contact: Chris Tosell E-mail: crt@bbl-inc.com
Phone #: 315-446-9120
Sampler's Name: mdesfacia, emeyer, lietts, jsurney (BBL)

Project Information

Project Name: Loeffel Site Environs
Street:
City: State:
Project #: 10123.900
Fax #:
Client Purchase Order #:

Requested Analysis: 8260 BTEX / 624 MTBE / 8021 TBA / 602 NAP / PAUG PALG; 8260 TBA / 624 NAP / TCL +10 / PPL +15 / STARS MTBE; 8270 ABN / 625 BN / TCL PAH / PPL PADF / STARS +TICs; PCB; TOC; TSS; Chlorophyll-a

Accutest Sample #	Field ID / Point of Collection	MEOH Vial #	Date	Time	Sampled By	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	PCB	TOC	TSS	Chlorophyll-a	LAB USE ONLY
1	T11A-1		11/8/06	1417	BBL	W	4	1				3				1	1	1	1	EXT, WC24,
2	T11A-2		11/8/06	2206			4	1				3				1	1	1	1	WC1, SUB
3	T11A-3		11/9/06	0625			4	1				3				1	1	1	1	
4	A28-1		11/8/06	1500			4	1				3				1	1	1	1	
5	A28-2		11/8/06	~~2240~~ 2250			4	1				3				1	1	1	1	
6	A28-3		11/9/06	0730			4	1				3				1	1	1	1	
7	NL/UK-1		11/8/06	1549			4	1				3				1	1	1	1	
8	NL/UK-2		11/8/06	2320			4	1				3				1	1	1	1	
9	NL/UK-3		11/9/06	0800			4	1				3				1	1	1	1	
10	Dup-1		11/9/06	0840	X	X	4	1				3				1	1	1	1	

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe

Turnaround Time (Business Days)

- [x] Std. 15 Business Days
- [ ] 10 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY
- [ ] Other

Approved By: / Date:

Emergency & Rush T/A data available VIA LabLink

Data Deliverable Information

- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] NJ Reduced
- [ ] NJ Full
- [ ] Other ______
- [x] FULL CLP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format ______

Commercial "A" = Results Only

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received by:	Relinquished by:	Date Time:	Received by:
1 [signature]	11/9/06 1300	1 [signature] FedEx	2 FedEx	11-10-06 1010	2 M Catura
Relinquished by: 3	Date Time:	Received by: 3	Relinquished by: 4	Date Time:	Received by: 4
Relinquished by: 5	Date Time:	Received by: 5	Custody Seal #	Preserved where applicable ☐	On Ice ☒ Cooler Temp. 3.2°C 4.4°C

1A

CHAIN OF CUSTODY

ACCUTEST Laboratories

2235 Route 130, Dayton NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # J46172

Client / Reporting Information

- Company Name: Blasland, Bouck, Lee
- Address: 6723 Towpath Rd
- City: Syracuse State: NY Zip: 13127
- Project Contact: Chris Tosell E-mail: cjt@bbl-inc.com
- Phone #: 315-446-9120
- Sampler's Name: mdesrocher, emeyer, lietz, jsalmoy (BBL)

Project Information

- Project Name: Loeffel Site Environs
- Street:
- City: State:
- Project #: 10073.900
- Fax #:
- Client Purchase Order #:

Accutest Sample #	Field ID / Point of Collection	SUMMA # / MEOH Vial #	Date	Time	Sampled By	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	8260 □ BTEX □ 624 □ MTBE □ 8021 □ TBA □ 602 □ NAP □ PAUG □ PALG □	8260 □ TBA □ 624 □ NAP □ TCL □ +10 □ PPL □ +15 □ STARS □ MTBE □	8270 □ ABN □ 625 □ BN □ TCL □ PAH □ PPL □ PADF □ STARS □ +TICs □	PCB	TOC	TSS	Chlorophyll-a				LAB USE ONLY
-9	NL/VK-3-MS		11/9/06	0852	BBL	W	4	1				3							1	1	1	1				
	NL/VK-3-MSD		11/9/06	0852	BBL	W	4	1				3							1	1	1	1				

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe

Turnaround Time (Business Days) — Approved By: / Date:

- ☒ Std. 15 Business Days
- ☐ 10 Day *RUSH*
- ☐ 5 Day *RUSH*
- ☐ 3 Day *EMERGENCY*
- ☐ 2 Day *EMERGENCY*
- ☐ 1 Day *EMERGENCY*
- ☐ Other

Emergency & Rush T/A data available VIA LabLink

Data Deliverable Information

- ☐ Commercial "A"
- ☐ Commercial "B"
- ☐ NJ Reduced
- ☐ NJ Full
- ☐ Other ______
- ☒ FULL CLP
- ☐ NYASP Category A
- ☐ NYASP Category B
- ☐ State Forms
- ☐ EDD Format ______

Commercial "A" = Results Only

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received by:	Relinquished by:	Date Time:	Received by:
1 [signature]	11/9/06 1310	1 [signature] Fed Ex	2 Fed Ex	1010 11-10-06	2 [signature]
Relinquished by: 3	Date Time:	Received by: 3	Relinquished by: 4	Date Time:	Received by: 4
Relinquished by: 5	Date Time:	Received by: 5	Custody Seal #	Preserved where applicable ☐	On Ice ☒ Cooler Temp. 3 2, 4.4 °C

00028

ACCUTEST Laboratories

FILTER FB

CHAIN OF CUSTODY

2235 Route 130, Dayton NJ 08810
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www.accutest.com

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # J46370

Client / Reporting Information

Company Name	Blasland, Bouck, Lee
Address	6723 Towpath Rd
City / State / Zip	Syracuse / NY / 13214
Project Contact	Chris Torell
E-mail	crt@bbl-inc.com
Phone #	315-446-9120
Sampler's Name	mdeyoch, emeyer, ljill, jsalmey

Project Information

Project Name	Lockheed Site Environs
Street	
City / State	
Project #	20873.910
Fax #	
Client Purchase Order #	

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe

Requested Analysis: 8260 ☐ BTEX ☐ 624 ☐ MTBE ☐ 8021 ☐ TBA ☐ 602 ☐ NAP ☐ PAUG ☐ PALG ☐; 8260 ☐ TBA ☐ 624 ☐ NAP ☐ TCL ☐ +10 ☐ PPL ☐ +15 ☐ STARS ☐ MTBE ☐; 8270 ☐ ABN ☐ 625 ☐ BN ☐ TCL ☐ PAH ☐ PPL ☐ PADF ☐ STARS ☐ +TICS ☐; PCB/TOC; PCBs

Accutest Sample #	Field ID / Point of Collection	SUMMA # / MEOH Vial #	Date	Time	Sampled By	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	PCB/TOC	PCBs	LAB USE ONLY
-1	A28-2-01		11/9/06	1215	BBL	SOL	-					1				1		AS
-2	A28-2-02			1340								1				1		EX-15
-3	A28-2-03			1328								1				1		
-4	A28-2-04			1340								1				1		
-5	RB-01			1437		LIQ						1					1	
-6	T11A-2-01			1350		SOL						1				1		
-7	T11A-2-02			1406								1				1		
-8	T11A-2-03			1415								1				1		
-9	T11A-2-04			1425								1				1		
-10	NLVK-2-01			1450								1				1		

Turnaround Time (Business Days)

- ☒ Std. 15 Business Days
- ☐ 10 Day RUSH
- ☐ 5 Day RUSH
- ☐ 3 Day EMERGENCY
- ☐ 2 Day EMERGENCY
- ☐ 1 Day EMERGENCY
- ☐ Other

Approved By: / Date:

Emergency & Rush T/A data available VIA LabLink

Data Deliverable Information

- ☐ Commercial "A"
- ☐ Commercial "B"
- ☐ NJ Reduced
- ☐ NJ Full
- ☐ Other ______
- ☒ FULL CLP
- ☐ NYASP Category A
- ☐ NYASP Category B
- ☐ State Forms
- ☐ EDD Format ______

Commercial "A" = Results Only

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received by:	Relinquished by:	Date Time:	Received by:
1 [signature]	11/10/06 1430	1 Fedx	2 Fedx	11/11/06 10:10	2 [signature]
Relinquished by: 3	Date Time:	Received by: 3	Relinquished by: 4	Date Time:	Received by: 4
Relinquished by: 5	Date Time:	Received by: 5	Custody Seal #	Preserved where applicable ☐	On Ice ☐ / Cooler Temp. 3.2°C

ACCUTEST Laboratories

FiLTM

CHAIN OF CUSTODY

Page 1 of 2

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www.accutest.com

FED-EX Tracking #
Accutest Quote #
Bottle Order Control #
Accutest Job # J46310

Client / Reporting Information

Company Name: Blasland, Bouck, & Lee, Inc
Address: 6723 Towpath Rd
City: Syracuse State: NY Zip: 13214
Project Contact: Chris Torell E-mail: crt@bbl-inc.com
Phone #: 315-446-9120
Sampler's Name: L. Sefts, J. Saroney

Project Information

Project Name: Loeffel Site Environs
Street:
City: State:
Project #: 10073.900
Fax #:
Client Purchase Order #:

Requested Analysis: 8260 □ 624 □ 8021 □ 602 □ PAUG □ / BTEX □ MTBE □ TBA □ NAP □ PALG □; 8260 □ 624 □ TCL □ PPL □ STARS □ MTBE □ / TBA □ NAP □ +10 □ +15 □; 8270 □ 625 □ TCL □ PPL □ STARS □ / ABN □ BN □ PAH □ PADF □ +TICs □; PCBs/TOC

Accutest Sample #	Field ID / Point of Collection	SUMMA # / MEOH Vial #	Date	Time	Sampled By	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	PCBs/TOC
11	NLVK-2-02		11/9/06	1505	BBL	SOL	–					1				1
12	NLVK-2-03		↓	1517	↓	↓	↓					1				1
13	NLVK-2-04		↓	1530	↓	↓	↓					1				1
14	NLVK-2-05		↓	1536	↓	↓	↓					1				1
15	NLVK-3-01		↓	1612	↓	↓	↓					1				1
16	TIIA-3-01		↓	1550	↓	↓	↓					1				1
17	NLVK-3-02		↓	1635	↓	↓	↓					1				1
18	A28-3-01		↓	1732	↓	↓	↓					1				1
19	A28-3-02		↓	18:00	↓	↓	↓					1				1
20	DUP-1-01		↓	18:41	↓	↓	↓					1				1

Matrix Codes: DW - Drinking Water, GW - Ground Water, WW - Water, SW - Surface Water, SO - Soil, SL - Sludge, OI - Oil, LIQ - Other Liquid, AIR - Air, SOL - Other Solid, WP - Wipe

LAB USE ONLY

Turnaround Time (Business Days)

- ☒ Std. 15 Business Days
- ☐ 10 Day RUSH
- ☐ 5 Day RUSH
- ☐ 3 Day EMERGENCY
- ☐ 2 Day EMERGENCY
- ☐ 1 Day EMERGENCY
- ☐ Other

Approved By: / Date:

Emergency & Rush T/A data available VIA LabLink

Data Deliverable Information

- ☐ Commercial "A"
- ☐ Commercial "B"
- ☐ NJ Reduced
- ☐ NJ Full
- ☐ Other ______
- ☒ FULL CLP
- ☐ NYASP Category A
- ☐ NYASP Category B
- ☐ State Forms
- ☐ EDD Format ______

Commercial "A" = Results Only

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received by:	Relinquished by:	Date Time:	Received by:
1 [signature]	11/10/06/1430	1 FedEx	2 FedEx	11/11/06 1010	2 [signature]
Relinquished by: 3	Date Time:	Received by: 3	Relinquished by: 4	Date Time:	Received by: 4
Relinquished by: 5	Date Time	Received by: 5	Custody Seal #	Preserved where applicable ☐	On Ice ☐ Cooler Temp.

00036

CHAIN OF CUSTODY

FILTER

ACCUTEST Laboratories
2235 Route 130, Dayton NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking # [redacted] | Bottle Order Control #

Accutest Quote # | Accutest Job # J46310

Client / Reporting Information

Company Name: Blasland Bouck & LEE, INC
Address: 6723 Towpath Rd
City: Syracuse State: NY Zip: 13214
Project Contact: ChrisTorell E-mail: cttl@BBL-Inc.com
Phone #: 315-446-9120
Sampler's Name: A. Evans, J. Schedrick

Project Information

Project Name: Loffel Site Environs
Street:
City: State:
Project #: 100.73.900
Fax #:
Client Purchase Order #:

Requested Analysis

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe

Accutest Sample #	Field ID / Point of Collection	SUMMA # / MEOH Vial #	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	NaHSO4	MEOH	ENCORE	8260 BTEX / 624 MTBE / 8021 TBA / 602 NAP / PAUG / PALG	8260 TBA / 624 NAP / TCL +10 / PPL +15 / STARS MTBE	8270 ABN / 625 BN / TCL PAH / PPL STARS / PADF +TICs	PCB's / TOC
21	DUP-1-02		11/9/06	1913	BBL	SOL	1					1							1
22	NLVK-1-01		11/9/06	1935								1							1
23	AZB-1-01		11/10/06	8:12								1							1
24	T-11A-1-01		11/10/06	9:00								1							1
25	NLVK-3-MS-01 -15		11/10/06	10:50								1							1
26	NLVK-3-MS-02 -17		11/10/06	1120								1							1
27	NLVK-3-MSD-01 -15		11/10/06	1247								1							1
28	NLVK-3-MSD-02 -17		11/10/06	1322								1							1
												1							1
												1							1

Turnaround Time (Business Days)

- [x] Std. 15 Business Days — Approved By: / Date:
- [ ] 10 Day *RUSH*
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*
- [ ] Other

Emergency & Rush T/A data available VIA LabLink

Data Deliverable Information

- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] NJ Reduced
- [ ] NJ Full
- [ ] Other
- [x] FULL CLP
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format

Commercial "A" = Results Only

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by:	Date Time:	Received by:	Relinquished by:	Date Time:	Received by:
1		11/10/06 1430	Fed Ex	2 Fed X	11/11/06 10:10	2
3			3	4		4
5			5	Custody Seal #	Preserved where applicable ☐	On Ice ☐ Cooler Temp.

1555

New Jersey
ACCUTEST.
Laboratories

12/05/06

Technical Report for

Blasland, Bouck, and Lee

GE Loeffel, Nassau, NY

10073.910

Accutest Job Number: J46310

Sampling Dates: 11/09/06 - 11/10/06

Report to:

Blasland, Bouck, and Lee
6723 Towpath Road
Box 66
Syracuse, NY 13214-0066

ATTN: Chris Torell

Total number of pages in report: 80

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Vincent J. Pugliese
President

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

Accutest Laboratories

Sample Summary

Blasland, Bouck, and Lee

Job No: J46310

GE Loeffel, Nassau, NY
Project No: 10073.910

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
J46310-1	11/09/06	12:15	EM	11/11/06	AIR	Air	A28-2-01
J46310-2	11/09/06	13:40	EM	11/11/06	AIR	Air	A28-2-02
J46310-3	11/09/06	13:28	EM	11/11/06	AIR	Air	A28-2-03
J46310-4	11/09/06	13:40	EM	11/11/06	AIR	Air	A28-2-04
J46310-5	11/09/06	14:37	EM	11/11/06	AQ	Equipment Blank	RB-01
J46310-6	11/09/06	13:50	EM	11/11/06	AIR	Air	T11A-2-01
J46310-7	11/09/06	14:06	EM	11/11/06	AIR	Air	T11A-2-02
J46310-8	11/09/06	14:15	EM	11/11/06	AIR	Air	T11A-2-03
J46310-9	11/09/06	14:25	EM	11/11/06	AIR	Air	T11A-2-04
J46310-10	11/09/06	14:50	EM	11/11/06	AIR	Air	NLVK-2-01
J46310-11	11/09/06	15:05	EM	11/11/06	AIR	Air	NLVK-2-02
J46310-12	11/09/06	15:17	EM	11/11/06	AIR	Air	NLVK-2-03
J46310-13	11/09/06	15:30	EM	11/11/06	AIR	Air	NLVK-2-04

Sample Summary
(continued)

Blasland, Bouck, and Lee

Job No: J46310

GE Loeffel, Nassau, NY
Project No: 10073.910

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
J46310-14	11/09/06	15:38	EM	11/11/06	AIR	Air	NLVK-2-05
J46310-15	11/10/06	10:50	EM	11/11/06	AIR	Air	NLVK-3-01
J46310-15A	11/10/06	12:47	EM	11/11/06	AIR	Air	NLVK-3-01
J46310-15B	11/09/06	16:12	EM	11/11/06	AIR	Air	NLVK-3-01
J46310-16	11/09/06	15:50	EM	11/11/06	AIR	Air	T11A-3-01
J46310-17	11/10/06	11:20	EM	11/11/06	AIR	Air	NLVK-3-02
J46310-17A	11/10/06	13:22	EM	11/11/06	AIR	Air	NLVK-3-02
J46310-17B	11/09/06	16:35	EM	11/11/06	AIR	Air	NLVK-3-02
J46310-18	11/09/06	17:32	EM	11/11/06	AIR	Air	A28-3-01
J46310-19	11/09/06	18:00	EM	11/11/06	AIR	Air	A28-3-02
J46310-20	11/09/06	18:41	EM	11/11/06	AIR	Air	DUP-1-01
J46310-21	11/09/06	19:13	EM	11/11/06	AIR	Air	DUP-1-02
J46310-22	11/09/06	19:35	EM	11/11/06	AIR	Air	NL/VK-1-01

Sample Summary
(continued)

Blasland, Bouck, and Lee

Job No: J46310

GE Loeffel, Nassau, NY
Project No: 10073.910

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
J46310-23	11/10/06	08:12	EM	11/11/06	AIR	Air	A28-1-01
J46310-24	11/10/06	09:00	EM	11/11/06	AIR	Air	T-11A-1-01

Table of Contents
Full Laboratory Data Deliverables for Non-USEPA/CLP Methods

Table of Contents *(Continued)*
Full Laboratory Data Deliverables for Non-USEPA/CLP Methods

RESULTS

Accutest Laboratories

Report of Analysis

Client Sample ID:	A28-2-01		
Lab Sample ID:	J46310-1	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1064		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	A28-2-02		
Lab Sample ID:	J46310-2	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.2106		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	A28-2-03		
Lab Sample ID:	J46310-3	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.2105		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	A28-2-04		
Lab Sample ID:	J46310-4	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1345		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	T11A-2-01		
Lab Sample ID:	J46310-6	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.09690		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	T11A-2-02		
Lab Sample ID:	J46310-7	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1248		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	T11A-2-03		
Lab Sample ID:	J46310-8	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1303		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	T11A-2-04		
Lab Sample ID:	J46310-9	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1098		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	NLVK-2-01		
Lab Sample ID:	J46310-10	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.3817		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	NLVK-2-02		
Lab Sample ID:	J46310-11	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.3606		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	NLVK-2-03		
Lab Sample ID:	J46310-12	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.4468		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	NLVK-2-04		
Lab Sample ID:	J46310-13	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.3241		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	NLVK-2-05		
Lab Sample ID:	J46310-14	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.3813		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	NLVK-3-01		
Lab Sample ID:	J46310-15	**Date Sampled:**	11/10/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1944		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	NLVK-3-01		
Lab Sample ID:	J46310-15A	**Date Sampled:**	11/10/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.09830		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	NLVK-3-01		
Lab Sample ID:	J46310-15B	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1106		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	T11A-3-01		
Lab Sample ID:	J46310-16	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.05000		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	NLVK-3-02		
Lab Sample ID:	J46310-17	**Date Sampled:**	11/10/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.04060		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	NLVK-3-02		
Lab Sample ID:	J46310-17A	**Date Sampled:**	11/10/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1430		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	NLVK-3-02		
Lab Sample ID:	J46310-17B	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1543		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	A28-3-01		
Lab Sample ID:	J46310-18	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1394		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	A28-3-02		
Lab Sample ID:	J46310-19	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1908		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	DUP-1-01		
Lab Sample ID:	J46310-20	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1233		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	DUP-1-02		
Lab Sample ID:	J46310-21	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1283		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	NL/VK-1-01		
Lab Sample ID:	J46310-22	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	<0.020	0.020	g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	A28-1-01		
Lab Sample ID:	J46310-23	**Date Sampled:**	11/10/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	<0.020	0.020	g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Accutest Laboratories

Report of Analysis

Client Sample ID:	T-11A-1-01		
Lab Sample ID:	J46310-24	**Date Sampled:**	11/10/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1684		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Internal Chain of Custody

Job Number: J46310
Account: BBLNYS Blasland, Bouck, and Lee
Project: GE Loeffel, Nassau, NY
Received: 11/11/06

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
J46310-1.1	Secured Storage	Todd Shoemaker	11/15/06 08:59	Retrieve from Storage
J46310-1.1	Todd Shoemaker	Viktoriya L. Pushkova	11/15/06 09:01	Custody Transfer
J46310-1.1	Viktoriya L. Pushkova	Secured Storage	11/16/06 07:00	Return to Storage
J46310-1.1	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-1.1	Todd Shoemaker	Svitlana Poruchikova	11/16/06 08:42	Custody Transfer
J46310-1.1	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
J46310-1.1	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
J46310-1.1	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
J46310-1.1	Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
J46310-1.1	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-1.1	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-2.1	Secured Storage	Todd Shoemaker	11/15/06 08:59	Retrieve from Storage
J46310-2.1	Todd Shoemaker	Viktoriya L. Pushkova	11/15/06 09:01	Custody Transfer
J46310-2.1	Viktoriya L. Pushkova	Secured Storage	11/16/06 07:00	Return to Storage
J46310-2.1	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-2.1	Todd Shoemaker	Svitlana Poruchikova	11/16/06 08:42	Custody Transfer
J46310-2.1	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
J46310-2.1	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
J46310-2.1	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
J46310-2.1	Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
J46310-2.1	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-2.1	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-3.1	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-3.1	Todd Shoemaker	Svitlana Poruchikova	11/16/06 08:42	Custody Transfer
J46310-3.1	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
J46310-3.1	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
J46310-3.1	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
J46310-3.1	Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
J46310-3.1	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-3.1	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-4.1	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-4.1	Todd Shoemaker	Svitlana Poruchikova	11/16/06 08:42	Custody Transfer
J46310-4.1	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
J46310-4.1	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
J46310-4.1	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
J46310-4.1	Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
J46310-4.1	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-4.1	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-5.1	Secured Storage	Justin Benz	11/15/06 09:07	Retrieve from Storage
J46310-5.1	Justin Benz	Brent Busse	11/15/06 09:09	Custody Transfer

Accutest Internal Chain of Custody

Job Number: J46310
Account: BBLNYS Blasland, Bouck, and Lee
Project: GE Loeffel, Nassau, NY
Received: 11/11/06

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
J46310-5.1	Brent Busse		11/16/06 08:36	Depleted
J46310-5.1.1	Brent Busse	Organics Prep	11/15/06 15:26	Extract from J46310-5.1
J46310-6.1	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-6.1	Todd Shoemaker	Svitlana Poruchikova	11/16/06 08:42	Custody Transfer
J46310-6.1	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
J46310-6.1	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
J46310-6.1	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
J46310-6.1	Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
J46310-6.1	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-6.1	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-7.1	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-7.1	Todd Shoemaker	Svitlana Poruchikova	11/16/06 08:42	Custody Transfer
J46310-7.1	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
J46310-7.1	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
J46310-7.1	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
J46310-7.1	Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
J46310-7.1	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-7.1	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-8.1	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-8.1	Todd Shoemaker	Svitlana Poruchikova	11/16/06 08:42	Custody Transfer
J46310-8.1	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
J46310-8.1	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
J46310-8.1	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
J46310-8.1	Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
J46310-8.1	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-8.1	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-9.1	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-9.1	Todd Shoemaker	Svitlana Poruchikova	11/16/06 08:42	Custody Transfer
J46310-9.1	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
J46310-9.1	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
J46310-9.1	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
J46310-9.1	Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
J46310-9.1	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-9.1	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-10.1	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-10.1	Todd Shoemaker	Svitlana Poruchikova	11/16/06 08:42	Custody Transfer
J46310-10.1	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
J46310-10.1	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage

Accutest Internal Chain of Custody

Job Number: J46310
Account: BBLNYS Blasland, Bouck, and Lee
Project: GE Loeffel, Nassau, NY
Received: 11/11/06

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
J46310-10.1	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
J46310-10.1	Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
J46310-10.1	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-10.1	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-11.1	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-11.1	Todd Shoemaker	Svitlana Poruchikova	11/16/06 08:42	Custody Transfer
J46310-11.1	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
J46310-11.1	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
J46310-11.1	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
J46310-11.1	Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
J46310-11.1	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-11.1	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-12.1	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-12.1	Todd Shoemaker	Svitlana Poruchikova	11/16/06 08:42	Custody Transfer
J46310-12.1	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
J46310-12.1	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
J46310-12.1	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
J46310-12.1	Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
J46310-12.1	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-12.1	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-13.1	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-13.1	Todd Shoemaker	Svitlana Poruchikova	11/16/06 08:42	Custody Transfer
J46310-13.1	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
J46310-13.1	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
J46310-13.1	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
J46310-13.1	Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
J46310-13.1	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-13.1	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-14.1	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-14.1	Todd Shoemaker	Svitlana Poruchikova	11/16/06 08:42	Custody Transfer
J46310-14.1	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
J46310-14.1	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
J46310-14.1	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
J46310-14.1	Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
J46310-14.1	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-14.1	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-15.1	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-15.1	Todd Shoemaker	Svitlana Poruchikova	11/16/06 08:42	Custody Transfer
J46310-15.1	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage

Accutest Internal Chain of Custody

Job Number: J46310
Account: BBLNYS Blasland, Bouck, and Lee
Project: GE Loeffel, Nassau, NY
Received: 11/11/06

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
J46310-15.1	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
J46310-15.1	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
J46310-15.1	Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
J46310-15.1	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-15.1	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-15.2	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-15.2	Todd Shoemaker	Svitlana Poruchikova	11/16/06 08:42	Custody Transfer
J46310-15.2	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
J46310-15.2	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
J46310-15.2	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
J46310-15.2	Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
J46310-15.2	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-15.2	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-15.3	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-15.3	Todd Shoemaker	Svitlana Poruchikova	11/16/06 08:42	Custody Transfer
J46310-15.3	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
J46310-15.3	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
J46310-15.3	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
J46310-15.3	Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
J46310-15.3	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-15.3	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-16.1	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-16.1	Todd Shoemaker	Svitlana Poruchikova	11/16/06 08:42	Custody Transfer
J46310-16.1	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
J46310-16.1	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
J46310-16.1	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
J46310-16.1	Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
J46310-16.1	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-16.1	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-17.1	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-17.1	Todd Shoemaker	Svitlana Poruchikova	11/16/06 08:42	Custody Transfer
J46310-17.1	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
J46310-17.1	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
J46310-17.1	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
J46310-17.1	Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
J46310-17.1	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-17.1	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-17.2	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-17.2	Todd Shoemaker	Svitlana Poruchikova	11/16/06 08:42	Custody Transfer

Accutest Internal Chain of Custody

Job Number: J46310
Account: BBLNYS Blasland, Bouck, and Lee
Project: GE Loeffel, Nassau, NY
Received: 11/11/06

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
J46310-17.2	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
J46310-17.2	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
J46310-17.2	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
J46310-17.2	Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
J46310-17.2	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-17.2	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-17.3	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-17.3	Todd Shoemaker	Svitlana Poruchikova	11/16/06 08:42	Custody Transfer
J46310-17.3	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
J46310-17.3	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
J46310-17.3	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
J46310-17.3	Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
J46310-17.3	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-17.3	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-18.1	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-18.1	Todd Shoemaker	Svitlana Poruchikova	11/16/06 08:42	Custody Transfer
J46310-18.1	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
J46310-18.1	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
J46310-18.1	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
J46310-18.1	Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
J46310-18.1	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-18.1	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-19.1	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-19.1	Todd Shoemaker	Svitlana Poruchikova	11/16/06 08:42	Custody Transfer
J46310-19.1	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
J46310-19.1	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
J46310-19.1	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
J46310-19.1	Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
J46310-19.1	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-19.1	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-20.1	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-20.1	Todd Shoemaker	Svitlana Poruchikova	11/16/06 08:42	Custody Transfer
J46310-20.1	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
J46310-20.1	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
J46310-20.1	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
J46310-20.1	Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
J46310-20.1	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-20.1	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-21.1	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage

Accutest Internal Chain of Custody

Job Number: J46310
Account: BBLNYS Blasland, Bouck, and Lee
Project: GE Loeffel, Nassau, NY
Received: 11/11/06

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
J46310-21.1	Todd Shoemaker	Svitlana Poruchikova	11/16/06 08:42	Custody Transfer
J46310-21.1	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
J46310-21.1	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
J46310-21.1	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
J46310-21.1	Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
J46310-21.1	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-21.1	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-22.1	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-22.1	Todd Shoemaker	Svitlana Poruchikova	11/16/06 08:42	Custody Transfer
J46310-22.1	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
J46310-22.1	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
J46310-22.1	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
J46310-22.1	Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
J46310-22.1	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-22.1	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-23.1	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-23.1	Todd Shoemaker	Svitlana Poruchikova	11/16/06 08:42	Custody Transfer
J46310-23.1	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
J46310-23.1	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
J46310-23.1	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
J46310-23.1	Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
J46310-23.1	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-23.1	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-24.1	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-24.1	Todd Shoemaker	Svitlana Poruchikova	11/16/06 08:42	Custody Transfer
J46310-24.1	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
J46310-24.1	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
J46310-24.1	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
J46310-24.1	Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
J46310-24.1	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-24.1	Michael Rodriguez		11/18/06 17:57	Depleted

ACCUTEST Laboratories

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Blasland, Bouck, and Lee	**Job No**	J46310
Site:	GE Loeffel, Nassau, NY	**Report Date**	12/5/2006 11:44:53 A

27 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were collected on between 11/09/2006 and 11/10/2006 and were received at Accutest on 11/11/2006 properly preserved, at 3.2 Deg. C and intact. These Samples received an Accutest job number of J46310. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Wet Chemistry By Method ACCUTEST

Matrix: ALL **Batch ID:** GN97520

- The data for ACCUTEST meets quality control requirements.

The Accutest Laboratories of New Jersey certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NJ, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(J46310).

Internal Sample Tracking Chronicle

Blasland, Bouck, and Lee

Job No: J46310

GE Loeffel, Nassau, NY
Project No: 10073.910

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
J46310-1 A28-2-01	Collected: 09-NOV-06 12:15 By: EM		Received: 11-NOV-06 By: RL			
J46310-1	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-2 A28-2-02	Collected: 09-NOV-06 13:40 By: EM		Received: 11-NOV-06 By: RL			
J46310-2	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-3 A28-2-03	Collected: 09-NOV-06 13:28 By: EM		Received: 11-NOV-06 By: RL			
J46310-3	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-4 A28-2-04	Collected: 09-NOV-06 13:40 By: EM		Received: 11-NOV-06 By: RL			
J46310-4	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-6 T11A-2-01	Collected: 09-NOV-06 13:50 By: EM		Received: 11-NOV-06 By: RL			
J46310-6	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-7 T11A-2-02	Collected: 09-NOV-06 14:06 By: EM		Received: 11-NOV-06 By: RL			
J46310-7	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-8 T11A-2-03	Collected: 09-NOV-06 14:15 By: EM		Received: 11-NOV-06 By: RL			
J46310-8	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-9 T11A-2-04	Collected: 09-NOV-06 14:25 By: EM		Received: 11-NOV-06 By: RL			
J46310-9	ACCUTEST	18-NOV-06	ESJ			FLTWT

Internal Sample Tracking Chronicle

Blasland, Bouck, and Lee

Job No: J46310

GE Loeffel, Nassau, NY
Project No: 10073.910

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
J46310-10 Collected: 09-NOV-06 14:50 By: EM Received: 11-NOV-06 By: RL NLVK-2-01						
J46310-10	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-11 Collected: 09-NOV-06 15:05 By: EM Received: 11-NOV-06 By: RL NLVK-2-02						
J46310-11	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-12 Collected: 09-NOV-06 15:17 By: EM Received: 11-NOV-06 By: RL NLVK-2-03						
J46310-12	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-13 Collected: 09-NOV-06 15:30 By: EM Received: 11-NOV-06 By: RL NLVK-2-04						
J46310-13	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-14 Collected: 09-NOV-06 15:38 By: EM Received: 11-NOV-06 By: RL NLVK-2-05						
J46310-14	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-15 Collected: 10-NOV-06 10:50 By: EM Received: 11-NOV-06 By: RL NLVK-3-01						
J46310-15	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-16 Collected: 09-NOV-06 15:50 By: EM Received: 11-NOV-06 By: RL T11A-3-01						
J46310-16	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-17 Collected: 10-NOV-06 11:20 By: EM Received: 11-NOV-06 By: RL NLVK-3-02						
J46310-17	ACCUTEST	18-NOV-06	ESJ			FLTWT

Internal Sample Tracking Chronicle

Blasland, Bouck, and Lee

Job No: J46310

GE Loeffel, Nassau, NY
Project No: 10073.910

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
J46310-18 A28-3-01	Collected: 09-NOV-06 17:32 By: EM		Received: 11-NOV-06 By: RL			
J46310-18	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-19 A28-3-02	Collected: 09-NOV-06 18:00 By: EM		Received: 11-NOV-06 By: RL			
J46310-19	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-20 DUP-1-01	Collected: 09-NOV-06 18:41 By: EM		Received: 11-NOV-06 By: RL			
J46310-20	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-21 DUP-1-02	Collected: 09-NOV-06 19:13 By: EM		Received: 11-NOV-06 By: RL			
J46310-21	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-22 NL/VK-1-01	Collected: 09-NOV-06 19:35 By: EM		Received: 11-NOV-06 By: RL			
J46310-22	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-23 A28-1-01	Collected: 10-NOV-06 08:12 By: EM		Received: 11-NOV-06 By: RL			
J46310-23	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-24 T-11A-1-01	Collected: 10-NOV-06 09:00 By: EM		Received: 11-NOV-06 By: RL			
J46310-24	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-15A NLVK-3-01	Collected: 10-NOV-06 12:47 By: EM		Received: 11-NOV-06 By: RL			
J46310-15A	ACCUTEST	18-NOV-06	ESJ			FLTWT

Internal Sample Tracking Chronicle

Blasland, Bouck, and Lee

Job No: J46310

GE Loeffel, Nassau, NY
Project No: 10073.910

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
J46310-15B Collected: 09-NOV-06 16:12 By: EM NLVK-3-01			Received: 11-NOV-06 By: RL			
J46310-15B	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-17A Collected: 10-NOV-06 13:22 By: EM NLVK-3-02			Received: 11-NOV-06 By: RL			
J46310-17A	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-17B Collected: 09-NOV-06 16:35 By: EM NLVK-3-02			Received: 11-NOV-06 By: RL			
J46310-17B	ACCUTEST	18-NOV-06	ESJ			FLTWT

GEN CHEM

Accutest Laboratories

Report of Analysis

Client Sample ID:	A28-2-01		
Lab Sample ID:	J46310-1	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1064		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	A28-2-02		
Lab Sample ID:	J46310-2	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.2106		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	A28-2-03		
Lab Sample ID:	J46310-3	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.2105		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	A28-2-04		
Lab Sample ID:	J46310-4	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1345		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	T11A-2-01		
Lab Sample ID:	J46310-6	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.09690		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	T11A-2-02		
Lab Sample ID:	J46310-7	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1248		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	T11A-2-03		
Lab Sample ID:	J46310-8	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1303		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	T11A-2-04		
Lab Sample ID:	J46310-9	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1098		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	NLVK-2-01		
Lab Sample ID:	J46310-10	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.3817		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	NLVK-2-02		
Lab Sample ID:	J46310-11	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.3606		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	NLVK-2-03		
Lab Sample ID:	J46310-12	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.4468		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	NLVK-2-04		
Lab Sample ID:	J46310-13	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.3241		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	NLVK-2-05		
Lab Sample ID:	J46310-14	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.3813		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	NLVK-3-01		
Lab Sample ID:	J46310-15	**Date Sampled:**	11/10/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1944		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	NLVK-3-01		
Lab Sample ID:	J46310-15A	**Date Sampled:**	11/10/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.09830		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	NLVK-3-01		
Lab Sample ID:	J46310-15B	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1106		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	T11A-3-01		
Lab Sample ID:	J46310-16	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.05000		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	NLVK-3-02		
Lab Sample ID:	J46310-17	**Date Sampled:**	11/10/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.04060		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	NLVK-3-02		
Lab Sample ID:	J46310-17A	**Date Sampled:**	11/10/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1430		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	NLVK-3-02		
Lab Sample ID:	J46310-17B	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1543		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	A28-3-01		
Lab Sample ID:	J46310-18	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1394		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	A28-3-02		
Lab Sample ID:	J46310-19	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1908		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	DUP-1-01		
Lab Sample ID:	J46310-20	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1233		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	DUP-1-02		
Lab Sample ID:	J46310-21	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1283		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	NL/VK-1-01		
Lab Sample ID:	J46310-22	**Date Sampled:**	11/09/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	<0.020	0.020	g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	A28-1-01		
Lab Sample ID:	J46310-23	**Date Sampled:**	11/10/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	<0.020	0.020	g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	T-11A-1-01		
Lab Sample ID:	J46310-24	**Date Sampled:**	11/10/06
Matrix:	AIR - Air	**Date Received:**	11/11/06
		Percent Solids:	n/a
Project:	GE Loeffel, Nassau, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Sample Weight	0.1684		g/filter	1	11/18/06	ESJ	ACCUTEST

RL = Reporting Limit

EN97520 FLTWT
dried to constant wt at 104°C

Sample ID	Filter ID (142mm, 0.7 um pore size)	1st dry - filter in g	2nd dry - filter in g	Redry?	3rd dry - filter in g	all OK Redry?	Constant Weight	Filter Tare Weight in g	Wt on filter
	Date/Time								
	Temp								
J46310-1	A0710-7	1.5247	1.5247	OK		~~REDRY~~	1.5247	1.4183	0.1064
J46310-2	A0707-2	1.6084	1.6077	REDRY	1.6074	OK	1.6074	1.3968	0.2106
J46310-3	A0707-1	1.6203	1.6201	OK		~~REDRY~~	1.6201	1.4096	0.2105
J46310-4	A0707-3	1.5328	1.5325	OK		~~REDRY~~	1.5325	1.398	0.1345
J46310-6	A0710-8	1.5092	1.5089	OK		~~REDRY~~	1.5089	1.412	0.0969
j46310-7	A0710-9	1.526	1.5256	OK		~~REDRY~~	1.5256	1.4008	0.1248
J46310-8	A0707-17	1.5166	1.5158	REDRY	1.5162	OK	1.5162	1.3855	0.1307
J46310-9	A0707-16	1.5409	1.5393	REDRY	1.5391	OK	1.5391	1.4295	0.1096
J46310-10	A0710-10	1.7843	1.782	REDRY	1.7819	OK	1.7819	1.4003	0.3816
J46310-11	A0710-11	1.7571	1.7569	OK		~~REDRY~~	1.7569	1.3963	0.3606
J46310-12	A0710-13	1.8436	1.8433	OK		~~REDRY~~	1.8433	1.3965	0.4468
J46310-13	A0710-12	1.7306	1.7291	REDRY	1.7288	OK	1.7288	1.405	0.3238
J46310-14	A0710-14	1.7742	1.7731	REDRY	1.7726	OK	1.7726	1.3918	0.3808
J46310-15	A0707-11	1.6074	1.6057	REDRY	1.6052	OK	1.6052	1.4113	0.1939
J46310-15A	A0710-16	1.516	1.5157	OK		~~REDRY~~	1.5157	1.4174	0.0983
J46310-15B	A0711-10	1.5339	1.5284	REDRY	1.5281	OK	1.5281	1.4178	0.1103
J46310-16	A0710-15	1.4527	1.4588	REDRY	1.4589	OK	1.4589	1.4088	0.0501
J46310-17	A0707-10	1.4527	1.4527	OK		~~REDRY~~	1.4527	1.4121	0.0406
J46310-17A	A0710-17	1.5555	1.5554	OK		~~REDRY~~	1.5554	1.4124	0.143
J46310-17B	A0711-9	1.5362	1.536	OK		~~REDRY~~	1.536	1.3817	0.1543
J46310-18	A0710-18	1.5514	1.551	OK		~~REDRY~~	1.551	1.4116	0.1394
J46310-19	A0710-19	1.5975	1.5969	REDRY	1.5964	OK	1.5964	1.4061	0.1903
J46310-20	A0710-20	1.5384	1.5374	REDRY	1.5375	OK	1.5375	1.4141	0.1234
J46310-21	A0707-20	1.5307	1.5299	REDRY	1.5299	OK	1.5299	1.4016	0.1283
J46310-22	A0707-19	1.3992	1.399	OK		~~REDRY~~	1.399	1.4033	-0.0043
J46310-23	A0707-18	1.3895	1.3859	REDRY	1.3861	OK	1.3861	1.3968	-0.0107
J46310-24	A0707-4	1.5697	1.5685	REDRY	1.5686	OK	1.5686	1.4001	0.1685

11/21/06 #1

11/22/04

Sample ID	Filter ID (142mm, 0.7 um pore size)	1st dry - filter in g	2nd dry - filter in g	Redry?	3rd dry - filter in g	Redry?	Constant Weight	Filter Tare Weight in g	Wt on filter
	Date/Time								
	Temp								
J46310-1	A0710-7	1.5247	1.5247	OK		REDRY	1.5247	1.4183	0.1064
J46310-2	A0707-2	1.6084	1.6077	REDRY		REDRY	1.6077	1.3968	0.2109
J46310-3	A0707-1	1.6203	1.6201	OK		REDRY	1.6201	1.4096	0.2105
J46310-4	A0707-3	1.5328	1.5325	OK		REDRY	1.5325	1.398	0.1345
J46310-6	A0710-8	1.5092	1.5089	OK		REDRY	1.5089	1.412	0.0969
j46310-7	A0710-9	1.526	1.5256	OK		REDRY	1.5256	1.4008	0.1248
J46310-8	A0707-17	1.5166	1.5158	REDRY		REDRY	1.5158	1.3855	0.1303
J46310-9	A0707-16	1.5409	1.5393	REDRY		REDRY	1.5393	1.4295	0.1098
J46310-10	A0710-10	1.7843	1.782	REDRY		REDRY	1.782	1.4003	0.3817
J46310-11	A0710-11	1.7571	1.7569	OK		REDRY	1.7569	1.3963	0.3606
J46310-12	A0710-13	1.8436	1.8433	OK		REDRY	1.8433	1.3965	0.4468
J46310-13	A0710-12	1.7306	1.7291	REDRY		REDRY	1.7291	1.405	0.3241
J46310-14	A0710-14	1.7742	1.7731	REDRY		REDRY	1.7731	1.3918	0.3813
J46310-15	A0707-11	1.6074	1.6057	REDRY		REDRY	1.6057	1.4113	0.1944
J46310-15A	A0710-16	1.516	1.5157	OK		REDRY	1.5157	1.4174	0.0983
J46310-15B	A0711-10	1.5339	1.5284	REDRY		REDRY	1.5284	1.4178	0.1106
J46310-16	A0710-15	1.4527	1.4588	REDRY		REDRY	1.4588	1.4088	0.05
J46310-17	A0707-10	1.4527	1.4527	OK		REDRY	1.4527	1.4121	0.0406
J46310-17A	A0710-17	1.5555	1.5554	OK		REDRY	1.5554	1.4124	0.143
J46310-17B	A0711-9	1.5362	1.536	OK		REDRY	1.536	1.3817	0.1543
J46310-18	A0710-18	1.5514	1.551	OK		REDRY	1.551	1.4116	0.1394
J46310-19	A0710-19	1.5975	1.5969	REDRY		REDRY	1.5969	1.4061	0.1908
J46310-20	A0710-20	1.5384	1.5374	REDRY		REDRY	1.5374	1.4141	0.1233
J46310-21	A0707-20	1.5307	1.5299	REDRY		REDRY	1.5299	1.4016	0.1283
J46310-22	A0707-19	1.3992	1.399	OK		REDRY	1.399	1.4033	-0.0043
J46310-23	A0707-18	1.3895	1.3859	REDRY		REDRY	1.3859	1.3968	-0.0109
J46310-24	A0707-4	1.5697	1.5685	REDRY		REDRY	1.5685	1.4001	0.1684

ACCUTEST LABS

FILTER WEIGHT - TO CONSTANT WEIGHT AT 104.

GN97520

Sample ID	Filter ID (142mm, 0.7 um pore size)	1st dry - filter in g	2nd dry - filter in g	Redry?	3rd dry - filter in g	Redry?	Constant Weight	er Tare Weight	Wt on filter
	Date/Time								
	Temp								
J46310-1	A0710-7	1.5247		OK		OK	0	1.4183	-1.4183
J46310-2	A0707-2	1.6084		OK		OK	0	1.3968	-1.3968
J46310-3	A0707-1	1.6203	1.5328	OK		OK	0	1.4096	-1.4096
J46310-4	A0707-3 [illegible]	~~1.5293~~	~~1.5328~~	OK		OK	0	1.398	-1.398
J46310-6	A0710-8	1.5092		OK		OK	0	1.412	-1.412
j46310-7	A0710-9	1.5260		OK		OK	0	1.4008	-1.4008
J46310-8	A0707-17	1.5166		OK		OK	0	1.3855	-1.3855
J46310-9	A0707-16	1.5409		OK		OK	0	1.4295	-1.4295
J46310-10	A0710-10	1.7843		OK		OK	0	1.4003	-1.4003
J46310-11	A0710-11	1.7571		OK		OK	0	1.3963	-1.3963
J46310-12	A0710-13	1.8136		OK		OK	0	1.3965	-1.3965
J46310-13	A0710-12	1.7306		OK		OK	0	1.405	-1.405
J46310-14	A0710-14	1.7742		OK		OK	0	1.3918	-1.3918
J46310-15	A0707-11	1.6074		OK		OK	0	1.4113	-1.4113
J46310-15A	A0710-16	1.5160		OK		OK	0	1.4174	-1.4174
J46310-15B	A0711-10	1.5339		OK		OK	0	1.4178	-1.4178
J46310-16	A0710-15	1.4527		OK		OK	0	1.4088	-1.4088
J46310-17	A0707-10	1.4527		OK		OK	0	1.4121	-1.4121
J46310-17A	A0710-17	1.5556		OK		OK	0	1.4124	-1.4124
J46310-17B	A0711-9	1.5362		OK		OK	0	1.3817	-1.3817
J46310-18	A0710-18	1.5514		OK		OK	0	1.4116	-1.4116
J46310-19	A0710-19	1.5975		OK		OK	0	1.4061	-1.4061
J46310-20	A0710-20	1.5384		OK		OK	0	1.4141	-1.4141
J46310-21	A0707-20	1.5307		OK		OK	0	1.4016	-1.4016
J46310-22	A0707-19	1.3992		OK		OK	0	1.4033	-1.4033
J46310-23	A0707-18	1.3895		OK		OK	0	1.3968	-1.3968
J46310-24	A0707-4	1.5697		OK		OK	0	1.4001	-1.4001

IN 104°C
11/18/06 16:45

Sample ID	Filter ID (142mm, 0.7 um pore size)	1st dry - filter in g	2nd dry - filter in g	Redry?	3rd dry - filter in g	Redry?
	Date/Time					
	Temp					
J46310-1	A0710-7	1.5247	1.5247	REDRY		OK
J46310-2	A0707-2	1.6084	1.6077	REDRY		OK
J46310-3	A0707-1	1.6203	1.6201	REDRY		OK
J46310-4	A0707-3	1.5328	1.5325	REDRY		OK
J46310-6	A0710-8	1.5092	1.5089	REDRY		OK
j46310-7	A0710-9	1.526	1.5256	REDRY		OK
J46310-8	A0707-17	1.5166	1.5158	REDRY		OK
J46310-9	A0707-16	1.5409	1.5393	REDRY		OK
J46310-10	A0710-10	1.7843	1.7820	REDRY		OK
J46310-11	A0710-11	1.7571	1.7569	REDRY		OK
J46310-12	A0710-13	1.8436	1.8433	REDRY		OK
J46310-13	A0710-12	1.7306	1.7291	REDRY		OK
J46310-14	A0710-14	1.7742	1.7731	REDRY		OK
J46310-15A	A0707-11	1.6074	1.6057	REDRY		OK
J46310-15A	A0710-16	1.516	1.5157	REDRY		OK
J46310-15B	A0711-10	1.5339	1.5284	REDRY		OK
J46310-16	A0710-15	1.4527	1.4588	REDRY		OK
J46310-17A	A0707-10	1.4527	1.4527	REDRY		OK
J46310-17BA	A0710-17	1.5555	1.5554	REDRY		OK
J46310-17BB	A0711-9	1.5362	1.5360	REDRY		OK
J46310-18	A0710-18	1.5514	1.5510	REDRY		OK
J46310-19	A0710-19	1.5975	1.5969	REDRY		OK
J46310-20	A0710-20	1.5384	1.5374	REDRY		OK
J46310-21	A0707-20	1.5307	1.5299	REDRY		OK
J46310-22	A0707-19	1.3992	1.3990	REDRY		OK
J46310-23	A0707-18	1.3895	1.3859	REDRY		OK
J46310-24	A0707-4	1.5697	1.5685	REDRY		OK