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Subject:

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

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

ENVIRONMENT

Date:

February 5, 2007

Contact:

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B0010073.0000.00900

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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 precleaned 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

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stream gage-to-T11A-flow ratio (T11A flow = USGS stream gage flow \div 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.

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

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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-01	0.12	Rising Limb
T11A	T11A-02	0.24	Peak
	T11A-03	0.092	Falling Limb
	A28-01	ND(0.050)	Rising Limb
Area 28	A28-02	ND(0.050)	Peak
	A28-03	ND(0.050)	Falling Limb
	NL/VK-01	ND(0.050)	Rising Limb
Nassau	NL/VK-02	ND(0.050)	Peak
Lake/Valatie Kill	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

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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.

ARCADIS BBL

Sincerely,

ARCADIS of New York, Inc.

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 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

(* j)		_	T	<u> </u>	Γ	_		_		T	_	_	_		T	<u> </u>		_		
	Dec	23.3	17.8	15.2	18.9	8.43	5.55	39.2	13.9	2.32	11	25.2	4.74	28.1	52.1	22.1	:		19	
	Nov	21.6	26.5	9.58	12.4	1.75	23.5	10.5	14.3	2.46	15.1	7.71	1.48	20.5	29.1	12.6	:		14	
	- Oct	12.6	16.6	1.73	2.03	1.91	7.91	8.37	1.26	2.26	20.5	5.18	0.778	8.42	32.8	9.83	ŀ		8.8	
(002-00-30)	Sep	1	2.61	0.665	0.947	2.28	0.494	7.89	0.91	0.522	22.7	5.85	1.27	1.72	10.2	22.1	1.01		5.4	
n Discharge (cfs) (Calculation Period 1990-10-01 to 2005-09-30)	Aug	:	2.06	2.02	0.427	6.34	1.95	1.66	1.12	0.829	3.22	29.7	0.459	0.816	24	6.94	1.01		5.5	
eriod 1990	Inc.		0.317	2.63	0.52	1.73	1.2	14.8	2.8	4.15	2	10.9	1.19	2.11	10.8	3.66	2.93		4.1	
Iculation F	unn	-	1.49	3.66	1.51	5.13	1.13	14.1	2.1	25.1	1.69	47.9	7.19	26	9.22	5.57	2.84		9	
je (cfs) (Ca	May	:	13.2	10.9	6.29	14.2	4.05	41.7	18.7	15.9	19.2	23.7	3.51	17.6	14.4	12.3	4.03		15	
	- Apr.	:	16.7	20.6	52.7	45.8	12.6	49.4	28.8	15	7.7	29.8	44.4	14.7	24.2	21.6	23.4		27	
Monthly Mea	Mar		23.2	13.1	36.1	44	34.2	18.1	18.8	28.2	28.5	28.3	24.7	20.5	50.9	24.9	40.3		53	
W	- Feb		12.7	3.8	3.44	12.8	5.05	13.9	13.3	15.3	14.8	29.7	11.5	12.1	9.15	3.01	15.6		12	
	Jan		8.7	8.4	16.3	4.88	15.9	40.1	9.61	29.4	30.4	10.9	4.52	4.38	16	10.2	31		16	
	Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Mean of	monthly	Discharge

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

								Water G	Water Quality Measurements	urements			
Date	Time	Sample	Sample ID	Surface Water Total PCB (µg/L)	T11A Flow	7	Turbidity	Temp	OO	Specific	ORP	The fall 1	Comments
		TOCARDON .			(513)	Ld .	(NTU)	(°C)	(mg/L)	Conductivity ** (mS/cm)	(vm)	(DO (9)E)	
8/3/2006	11:47				0.33	6.2	41	19	17	0.14	170	60'0	
8/3/2006	11:54	T11A	T11A-01	ND (0.050)	0.33	6.2	38	19	17	0.13	200	0.09	Base-flow
8/3/2006	11:58				0.33	6.2	30	18	14	0.13	220	0.08	
11/8/2006	14:17				1.1	6.4	4	10	11	60.0	290	NN	
11/8/2006	14:33	T11A	T11A-01	0.12	1.2	6.5	3	10	8	62'0	310	ΝN	Rising Limb
11/8/2006	14:37				1.2	9.9	88	6	7	0.08	310	ΣZ	
11/8/2006	22:00				18	6.8	310	10	9	90:0	300	ΝN	
11/8/2006	22:09	T11A	T11A-02	0.24	18	6.9	190	10	7	0.05	310	ΣN	Peak
11/8/2006	22:15				18	6.9	280	10	7	0.05	300	ΝZ	
11/9/2006	6:36				13	6.9	18	10	7	90.0	330	NN	
11/9/2006	6:42	T11A	T11A-03	0.092	13	7.1	37	10	7	0.07	330	NN	Falling
11/9/2006	6:45				12	0.7	20	10	8	90.0	340	ΝN	
8/3/2006	12:41				0.33	6.3	2	24	13	0.16	170	0.10	
8/3/2006	12:46	A28	A28-01	ND (0.050)	0.33	6.5	2	24	15	0.16	190	0.10	Base-flow
8/3/2006	12:54				0.33	6.5	2	24	15	0.16	190	0.10	
11/8/2006	15:00				1.3	6.3	86	6	10	0.19	250	NZ	
11/8/2006	15:11	A28	A28-01	ND (0.050)	1.3	6.3	44	6	11	0.20	210	NM	Rising Limb
11/8/2006	15:22				1.3	6.3	22	6	10	0.15	220	NM	
11/8/2006	22:50				19	6.2	160	10	10	0.10	230	ΣN	
11/8/2006	22:56	A28	A28-02	ND (0.050)	19	6.1	100	10	10	0.10	240	ΣZ	Peak
11/8/2006	23:03				19	6.1	92	10	10	0.10	250	NM	
11/9/2006	7:32				12	7.2	49	6	6	0.07	300	MN	
11/9/2006	7.44	A28	A28-03	ND (0.050)	12	7.1	58	6	6	0.07	310	ΣN	Falling
11/9/2006	7:46				12	6.9	64	6	7	0.07	300	ΝN	
8/3/2006	13:50				0.33	6.9	6	24	12	0.17	180	0.11	
8/3/2006	14:10	NLVK	NLVK-01	ND (0.053) [ND (0.050)]	0.33	7.1	4	24	12	0.17	180	0.11	Base-flow
8/3/2006	14:40				0.33	7.3	4	25	12	0.17	180	0.11	
11/8/2006	15:49				1.3	6.4	17	10	1	0.21	250	NN	
11/8/2006	15:55	NLVK	NLVK-01	ND (0.050)	1.3	6.3	11	10	11	0.21	240	NM	Rising Limb
11/8/2006	16:05				1.4	6.4	10	10	11	0.20	230	NN	
11/8/2006	23:20				19	6.3	180	10	10	0.11	160	ΝN	
11/8/2006	23:31	N V X	NLVK-02	ND (0:050)	19	6.3	110	10	10	0.11	190	ΣZ	Peak
11/8/2006	23:33				19	6.3	120	10	10	0.11	190	NΜ	
11/9/2006	8:13		•		12	7.1	55	6	5	0.12	250	NΜ	
11/9/2006	8:40	NLVK	NL/VK-03	ND (0.050) [ND (0.050)]	11	7.0	56	6	9	0.10	240	NΜ	Falling
11/9/2006	8:52				11	7.1	40	6		0.13	520	ĭZN	
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Notes on Page 2

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

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

- 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)
- Values have been rounded to two significant figures.
 Flow as calculated by using the USGS stream gage-toT11A-flow ratio (T11A flow = USGS stream gage flow + 9.34).

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

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

Comments	Base-flow	Rising Limb	Peak	Falling Limb	Base-flow	Rising Limb	Peak	Falling Limb	Base-flow	Rising Limb	Peak	Falling Limb
Chlorophyll - a (mg/m³)	0.2 (0.1)	1.2 (0.9)	1.7 (1.0)	0.2 (0.1)	0.7 (0.5)	1.0 (0.9)	6.7 (4.6)	1.9 (1.4)	0.6 (0.40) [0.7 (0.50)]	0.8 (0.6)	12.3 (8.6)	2.0 (1.4) [2.1 (1.5)]
TSS (mg/L)	82	10	21	<4.0	94	<4.0	95	<4.0	100 [110]	<4.0	102	12 [15]
(TOC (mg/L)	<1.0	4.0	8.5	4.2	3.1	3.0	6.7	5.7	2.7 [2.6]	3.7	8.7	5.2 [5.3]
Suspended Sediment Total PCB (mg/kg):	-		-	-	-	:	-	-	[-]	-	-	:
Surface Water Total PCB (1991)	ND (0.050)	0.12	0.24	0.092	ND (0.050)	ND (0.050)	ND (0.050)	ND (0.050)	ND (0:053) [ND (0:050)]	ND (0.050)	ND (0.050)	ND (0.050) [ND (0.050)]
Sample ID	T11A-01	T11A-01	T11A-02	T11A-03	A28-01	A28-01	A28-02	A28-03	NL/VK-01	NL/VK-01	NL/VK-02	NLVK-03
Sample		11	<u>c</u>			ac v	2			7/4	200	
Time	11:45	14:17	22:00	6:25	12:40	15:00	22:40	7:30	13:50	15:49	23:20	8:00
Date	8/3/2006	11/8/2006	11/8/2006	11/9/2006	8/3/2006	11/8/2006	11/8/2006	11/9/2006	8/3/2006	11/8/2006	11/8/2006	11/9/2006

- 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 NLVK = 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/m³ =
- 3. ND (0.050) = The compound was analyzed for but not detected. The associated numerical value in parenthesis is the detection limit.
- 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)

 - Suspended Sediment analytical results are not reported, as filters contained less than 1 g of sediment. The analytical results are provided in Attachment A.
 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

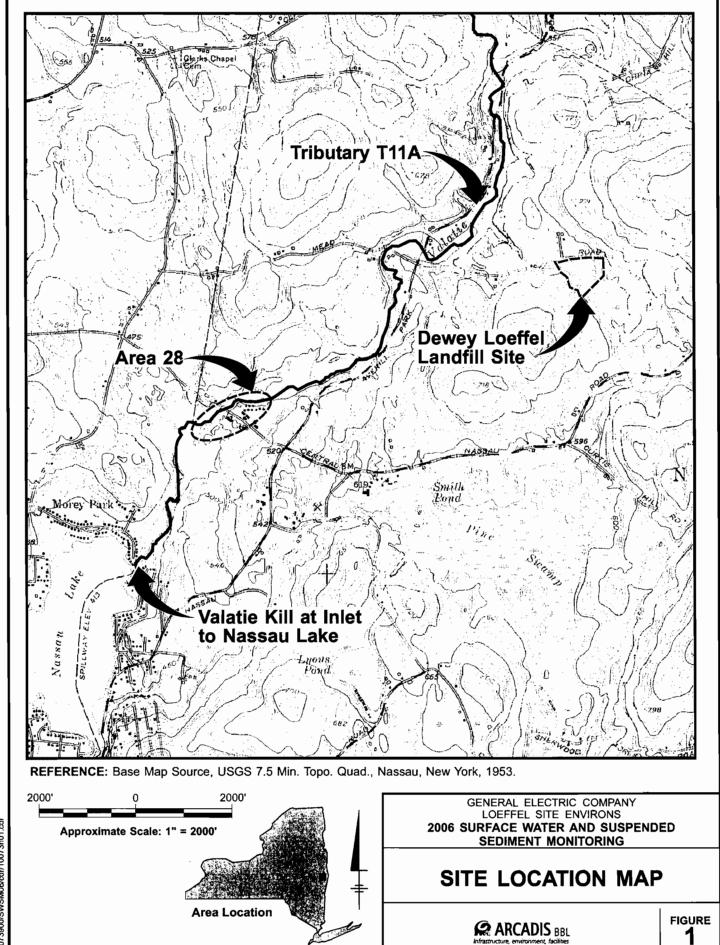
Date	Time	Sample Location	Sample ID	Sample Mass	Comments -
8/3/2006	11:47	T11A	T11A-01	<100.0	Base-flow
11/8/2006	14:17	T11A	T11A-1-01	168.4	Rising Limb
			T11A-2-01	96.9	
14/0/2006	22.00	T11A	T11A-2-02	124.8	Dook
11/8/2006	22:00	IIIA	T11A-2-03	130.3	Peak
			T11A-2-04	109.8	
11/9/2006	6:25	T11A	T11A-3-01	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
			A28-2-01	106.4	
44/0/0000	20:40	400	A28-2-02	210.6	Dools
11/8/2006	22:40	A28	A28-2-03	210.5	Peak
			A28-2-04	134.5	
44/0/2006	7:30	A28	A28-3-01	139.4	Falling Limb
11/9/2006	7:30	AZ8	A28-3-02	190.8	Falling Limb
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
			NL/VK-2-01	381.7	
			NL/VK-2-02	360.6	
11/8/2006	23:20	NL/VK	NL∕VK-2-03	446.8	Peak
			NL/VK-2-04	324.1	
			NL/VK-2-05	381.3	
			NL/VK-3-01	194.4	
			NL/VK-3-02	40.6	
11/9/2006	8:00	NL/VK	NL/VK-3-MS-01	98.3	Falling Limb
11.0/2000	0.00		NL/VK-3-MS-02	143.0	. anny carlo
			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:

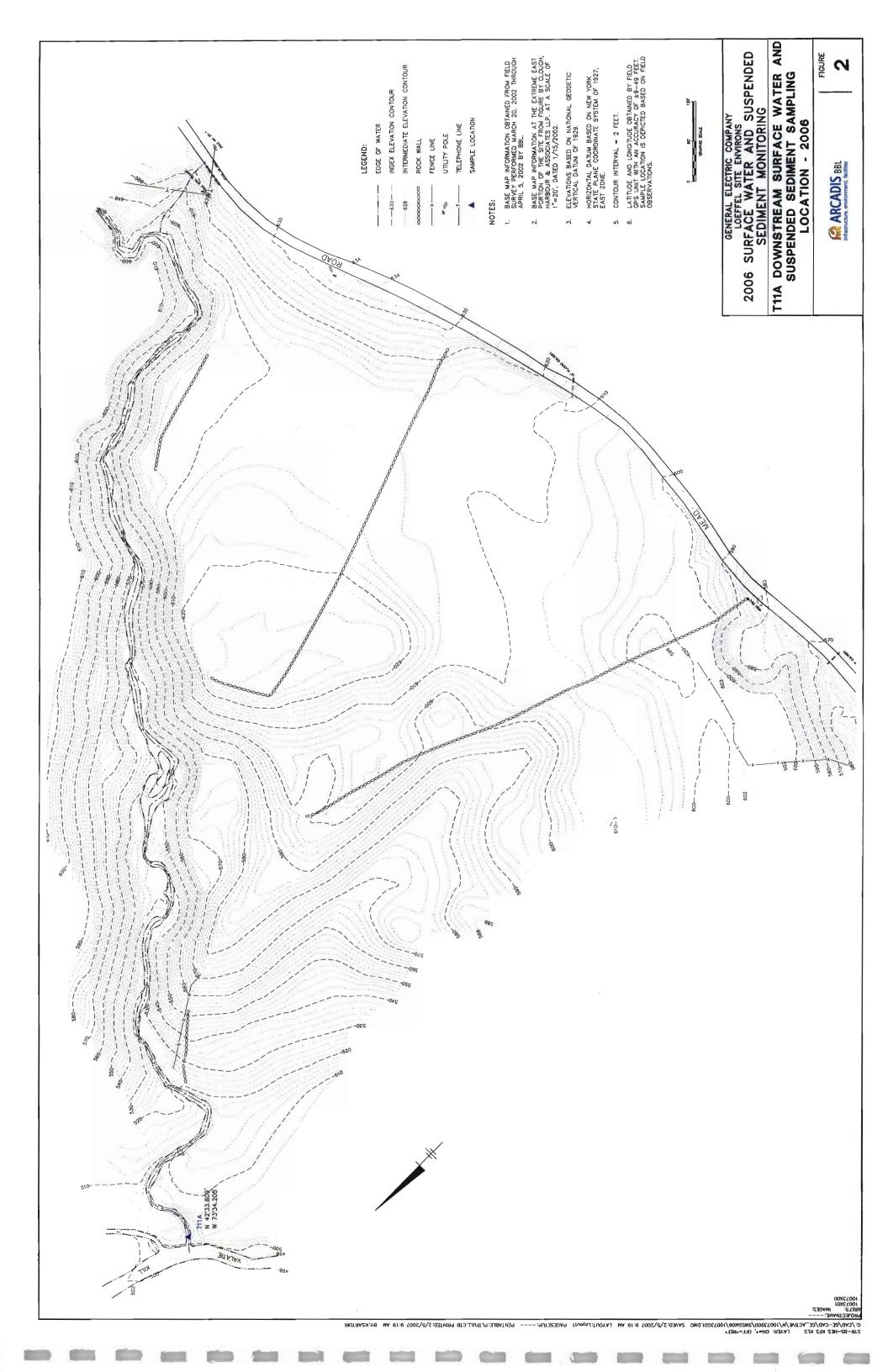
- Sample Location: T11A = in T11A, immediately upstream of its confluence with the Valatie Kill; A28 = Immediately downstream of Area 28 in the Valatie Kill; and NL/VK = In the Valatie Kill, at the inlet to Nassau Lake.
 See Figures 2 through 4 for sample locations.
- Sample mass values are the result 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.

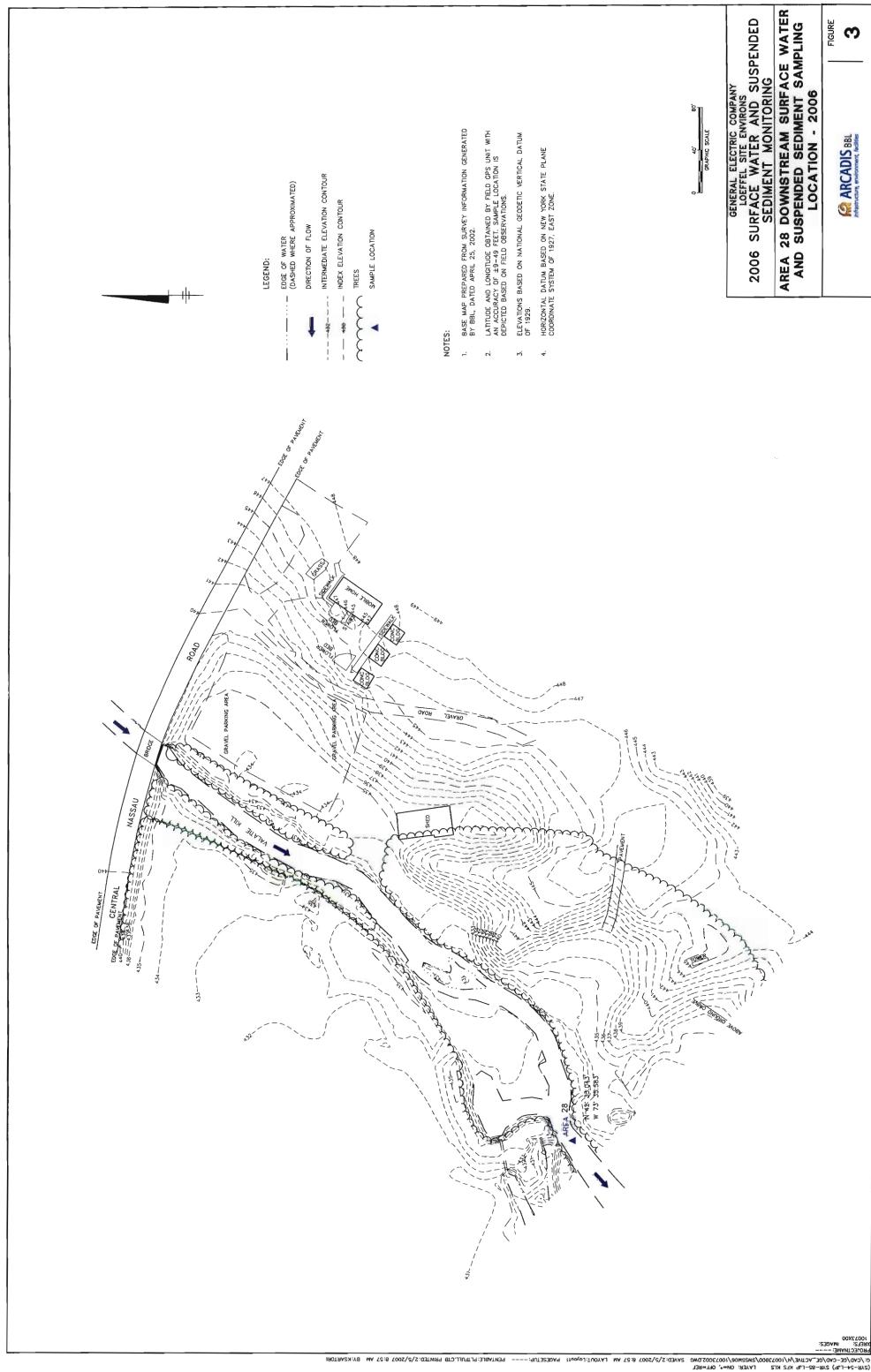
ARCADIS BBL

Figures



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





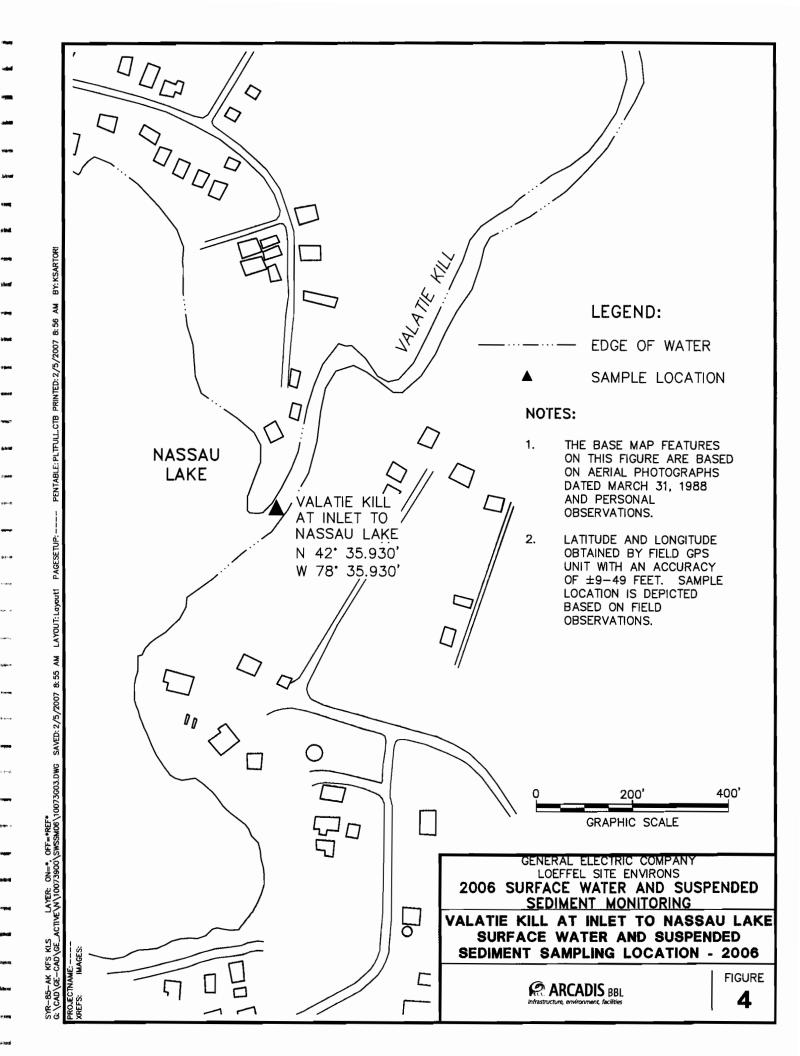
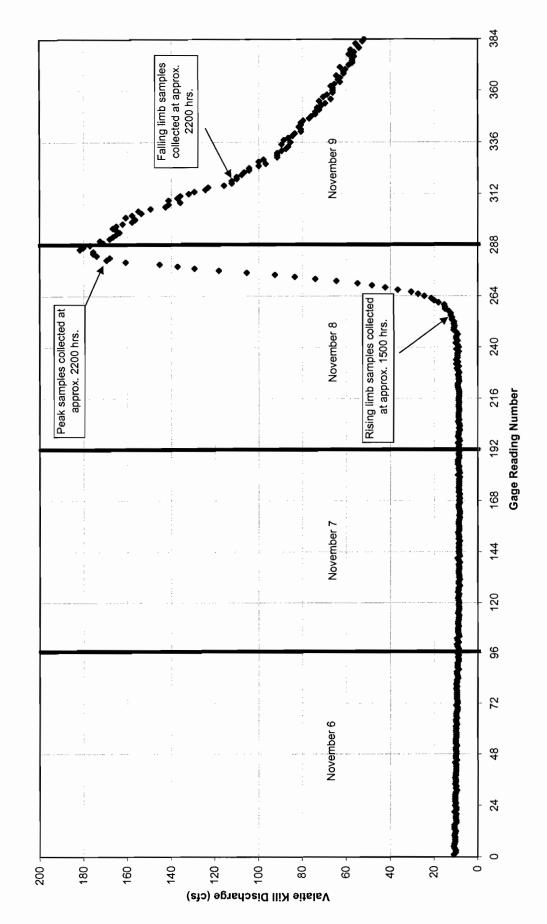


Figure 5
2006 Surface Water and Suspended Sediment Monitoring Loeffel Site Environs Nassau, NY

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.

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:



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			Analysis		
			Date	voc	svoc	РСВ	MET	MISC
T11A-01	J37520-1	Water	08/03/2006			Х		Х
A28-01	J37520-2	Water	08/03/2006			Х		Х
NL/VK-01	J37520-3	Water	08/03/2006			Х		×
DUP-01	J37520-4	Water	08/03/2006			X		Х
FEB-01	J37520-5	Water	08/03/2006			X		Х
			-					
						_		

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
300-040 0200	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%
NE/VK-01/ DOF-01	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

Report of Analysis

Client San Lab Sam Matrix: Method: Project:	ple ID: J37520- AQ - W SW846	l ater	W846 3510C sau, NY	Date Sampled: 08/03/06 Date Received: 08/04/06 Percent Solids: n/a					
Run #1 Run #2	File ID 1G22912.D	DF 1	Analyzed 08/05/06	By OPM	Prep Date 08/04/06	Prep Batch OP24410	Analytical Batch G1G756		
Run #1 Run #2	Initial Volume 1000 ml	Final V	olume						

PCB List

CAS No.	Compound	Result	RL	MDL	Units
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	Limi	its
877-09-8	Tetrachloro-m-xylene	61%		38-1	33 %
877-09-8	Tetrachloro-m-xylene	61%		38-13	
2051-24-3	Decachlorobiphenyl	78%		18-1	56%
2051-24-3	Decachlorobiphenyl	80%		18-1:	

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

Report of Analysis

Page 1 of 1

Client Sample ID: T11A-01

Lab Sample ID: Matrix:

J37520-1 AQ - Water Date Sampled: 08/03/06

Date Received: 08/04/06 Percent Solids: n/a

Project:

Analyte

GE Loeffel, Nassau, NY

General Chemistry

RLUnits DF Result Analyzed By Method

Solids, Total Dissolved 10 mg/l 1 08/08/06 82.0 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

Report of Analysis

Client Sample ID: A28-01

Lab Sample ID:

J37520-2

Matrix: Method: AQ - Water

SW846 8082 SW846 3510C

Project:

GE Loeffel, Nassau, NY

Date Sampled:

08/03/06

Date Received: 08/04/06

Percent Solids: n/a

Run #1

File ID 1G22920.D DF 1

Analyzed 08/05/06

By **Prep Date** OPM 08/04/06

Prep Batch OP24410

Analytical Batch G1G756

Run #2

Final Volume Initial 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	dи	0.050	0.012	ug/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
877-09-8	Tetrachloro-m-xylene	57%		38-13	33%	
877-09-8	Tetrachloro-m-xylene	55%		38-13	33%	
2051-24-3	Decachlorobiphenyl	82%		18-1	56%	
2051-24-3	Decachlorobiphenyl	83%		18-1:	56%	

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Client Sample ID: A28-01

Lab Sample ID:

J37520-2

AQ - Water

Date Sampled: 08/03/06

Date Received: 08/04/06 Percent Solids: n/a

Project:

Matrix:

GE Loeffel, Nassau, NY

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	Ву	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

G1G756

Report of Analysis

By OPM

Client Sample ID: NL/VK-01

File ID

1G22921.D

Lab Sample ID: Matrix:

J37520-3

AQ - Water

SW846 8082 SW846 3510C

Analyzed

08/05/06

Date Sampled:

08/04/06

08/03/06 Date Received: 08/04/06 Percent Solids: n/a

Method: Project:

GE Loeffel, Nassau, NY

DF

1

Prep Date **Prep Batch Analytical Batch** OP24410

Run #1 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/1	
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	Lim	its	
877-09-8	Tetrachloro-m-xylene	66%	0	38-1	33%	
877-09-8	Tetrachloro-m-xylene	64%		38-1	33%	
2051-24-3	Decachlorobiphenyl	78%		18-1	56%	
2051-24-3	Decachlorobiphenyl	83%		18-1	56%	

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

Client Sample ID: DUP-01 J37520-4

Lab Sample ID:

Matrix: Method: AQ - Water

SW846 8082 SW846 3510C

Date Sampled: 08/03/06 Date Received: 08/04/06

Percent Solids: n/a

Project:

GE Loeffel, Nassau, NY

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

Run #2

Final Volume Initial 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	Lim	its	
877-09-8	Tetrachloro-m-xylene	66%		38-1	33%	
877-09-8	Tetrachloro-m-xylene	65%		38-1	33%	
2051-24-3	Decachlorobiphenyl	80%		18-1	56%	
2051-24-3	Decachlorobiphenyl	87%		18-1	56%	

ND = Not detected

MDL - Method Detection 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

2 of 2

CHAIN OF CUSTODY

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NC-VR-C とび 10-1-16.18 4 TILL PISKORY JUB MS INSB = NLIVKOI ALGO Comments / Remarks DW - Orinking Wash GW - Ground Water SW - Surface With SOL - Other Solid UQ - Other Liquid LAB USE ONLY WW - Weter Ø-10 AIR . A ₩. Wipe 50.50 St. Sludge For filters, call BOL with Cooler Temp. CL MSANIES rec'd written as tare before extraction Bottle Order Control # Accutest Job # Received by: 2 m Date Time COC M5+ 1750 Preserved where applicable זמ.ם האונם 8# D 88 C) 다 kgv 다 04개 D SPANTS D JRPS BOTH D ROAM Sample Custody must be documented below each time samples change possession, including couner delivery. FED-EX Tracking # Accutest Quote # 624 CI □ (35<u>0</u>) □ A81 (1 357Nz (1 2695) (1 21+ 10. ☐ +10 □ ENTO ES D 509 MUBE (1) D X378 □ 1506 □ ∧87 2235 Route 130, Dayton NJ 08810 TEL 732-329-0200 FAX: 732-329-3499/3480 STATINATURA NYASP Calegory B
State Forms
EDD Format FULL CLP

NYASP Calagory A www.accutest.com Relinquished by: 2 Relinquished by: Custody Seal # Data Deliverable Information 7 430-916 Project Information 100,73.900 Stale Commercial "A" = Results Only pottes bottles 100tts Metrix ž (350 CMP | SOL Sampled of Nossam 315) 83/04/1350 JAP Commercial '6'
Commercial '6'
NJ Reduced
NJ Full
Other Project Name Client Purchase Order # Ě Project # 8/3/01. 8 3/00 ¥, Street Received by: Received by: cterest & behine com 132.14 SUMMA # MECH VAL 7/3/6/ /330 1 Glasiand, Bouck + Lee, Inc Clent / Reporting Information Outle Tame Townpath Road Approved By: / Date AND DELANCE ACCUTEST. Laboratories Emergency & Rush T/A date evallable V/A LabLink Tumeround Time (Business Days) 18-10-824 - WS Field ID / Point of Collection 10-XV-201 0 mg 355)446-4120 MII PISKOZ Syrotouse his tare! Std. 15 Business Days 1 2 Day EMERGENCY S 3 Day EMERGENCY 575 Refinquished by Sampler S Day RUSH Sampler's Name Relinquished by: Accutes! Semple # **§** € ٥ œ

	ACCUTEST
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# 4		Accutest Job #;	Accutest Quote #:
	CUSTODY		3480
	CHAIN OF CUSTODY	Fresh Ponds Corporate Village, Building B 2235 Route 130, Dayton, NJ 08810	908-329-0200 FAX: 908-329-3499/3480

Client Information			Facility		nformation					Analytical Information	ormation		
Accutest													
Name 2235 Route 130		Project Name	Nassau, NY	≥									
Address Dayton NJ	08810	Location										_	
	diZ	Project No.											
McCloskey		`	J37520							_	_		
Send Report to:								Ę					
Phone #: (732) 329-0200 X-218	18	FAX #:	(732) 329-3499	29-349	6			:- \\			_		
		Collection		L		Prese	Preservation	· · ·					
Field ID / Point of Collection	Date	Time	Sampled By	Matrix	# of bottles	HMO3 NgOH HCL	H2So4	Chlor					
J37520 -1	8/3/06	11:45		AQ				×			. `		
-2	8/3/06	12:20		AQ				×			i		
-3	8/3/06	13:50		AQ				×					
-3D	8/3/06	13:50		AQ				×					
-4 (blind dup)	8/3/06	0:00		AQ				×					
-											i		
•													
Turnaround Information			Data Del	verable	Data Deliverable Information	ç			7		Comments / Remarks	arks	
21 Day Standard	Approved By:	By:	NJ Reduced	peor	_	5 □	Commercial "A"	"A"		3D is to be used as QC duplicate	s QC duplicate		
14 Day			X NJ Full			§ 	Commercial "B"	"B"		4 is blind field duplicate	luplicate		
7 Days EMERGENCY			FULL CLP	<u>-</u>	_	Sta	State Forms	44					
X Other 21 (Days)			Disk 0e	Disk Deliverable	•								
21 Day Turnaround Hardcopy, Emergency or RUSH is FAX	ncy or RUSH	is FAX	Other (Specify)	specify)	·								
5	Custody must	t be document	ed below each	time s	amples c	hange p	ossesio	1, including courle	r delivery.				
$ \ $	Date June:	1200	Received By:				Relind 2	Days Winné: Received By: Relinquished By:		Date Time:	Received By:	By:	
Relinquished by Sampler:	Date Time:		Received By:				Reling 4	Relinquished By:		Date Time:	Received By:	By:	
Relinquished by Sampler:	Date Time:		Received By:				Seal #		Prese	Preserved where applicable	1		
]			

Accutest Subcontractor Order

Date/Time: Accutest Job No. 8/4/06 3:00 PM

Sub Lab:

Accutest Job No Client Project: J37520 Nassau, NY Address:

CSR:

TAM

Contact:

Phone:

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

Date: _8/4/26

Sample Managment receip	Sample	Manag	gment	rece	ipt:
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(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









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-848, or Standard Methods for the Examination of Water and Wastewater. All results are in mg/I unless otherwise noted.

Laboratory Number/

Sample Information/

	Method Number:	Method Description:	Result
032549	J37520-1: 8/3/2006 @ 11:45:00	AM	
	10200H3-C Chlorophyll a, correct	eted, ug/L; Analyzed: 8/5/2006 @ 11:30:00 AM	0.1
,	10200H3-U Chlorophyll a, uncor	rected, 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, correct	ted, ug/L; Analyzed: 8/5/2006 @ 11:30:00 AM	0.5
	10200H3-U Chlorophyll a, uncore	ected, ug/L; Analyzed: 8/5/2006 @ 11:30:00 AM	0.7
032551	J37520-3: 8/3/2006 @ 1:50:00 F	PM	
	10200H3-C Chlorophyll a, correct	ted, ug/L; Analyzed: 8/5/2006 @ 11:30:00 AM	0.4
	10200H3-U Chlorophyll a, uncorr	ected, 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, correct	ted, ug/L; Analyzed: @	
J	10200H3-U Chlorophyll a, uncom	ected, ug/L; Analyzed: @	
032553	J37520-3-MSD: 8/3/2006 @ 1:5	0:00 PM	
	10200H3-C Chlorophyll a, correct	ted, ug/L; Analyzed: 8/5/2006 @ 11:30:00 AM	0.5
	10200H3-U Chlorophyll a, uncorr	ected, ug/L; Analyzed: 8/5/2006 @ 11:30:00 AM	0.7

Comments/Notes

Duplicate Report

Sample #32552 (MS) not analyzed.



Aquatec Biological Sciences









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/I unless otherwise noted.

Laboratory Number/

Sample Information/

Method Number:

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

Page 2 of 2

W.H.

CHAIN OF CUSTODY

	-6	-5	.4	_	-3 {	(-1	-)	Sample #	Accutest	Sampler's Name	Phone # (3/5)	Chris Toell	Syr Syr	1 2	Blas	Сопрапу Малю				7. T.
	10- A117	FEB-01	DUP-01	NL/VK-OI-MSD	NL/VK-01-MS	NC/VK-01	A28-01	711A-01		Field ID / Point of Collection	J:11 Piskoz	mone* (315)446-9120	torell ctorelloby-inc.com	Syracuse Sum NY	6723 Towpath Road	Blasland, bouck the , Inc.	unerandini Biander mana	Laboratories			791
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	_							8/3/06	Date	0	Client Pu	Fax#	·	City	Street	-	Project N				
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Emergency & Rush T/A data available V/A LabLink

Date Time

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

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Commercial "A" = Results Only

Date Time:

Custody See #

Preserved where applicable

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Relinquished by

☐ 1 Day EMERGENCY 2 Day EMERGENCY Std. 15 Business Days

10 Day RUSH

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umeround Time (Business Days)

Approved By: / Date

☐ 3 Day EMERGENCY

Other .

☐ NYASP Category B
☐ State Forms
☐ EDD Format

Commercial '8' Commercial "A"

1350 JAP Soc

Data Deliverable Information

FULL CLP
NYASP Calegory A

For Silvers , call Box before extraction.

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Comments / Remarks

5 Day RUSH

1062

CHAIN OF CUSTODY

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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:



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			Analysis		
			Date	voc	svoc	PCB	MET	MISC
T11A-1	J46172-1	Water	11/8/06			X		Х
T11A-2	J46172-2	Water	11/8/06			X		Х
T11A-3	J46172-3	Water	11/9/06			X		Х
A28-1	J46172-4	Water	11/8/06			X		Х
A28-2	J46172-5	Water	11/8/06	-		X		Х
A28-3	J46172-6	Water	11/9/06			X		Х
NL/VK-1	J46172-7	Water	11/8/06			X		Х
NL/VK-2	J46172-8	Water	11/8/06			Х		Х
NL/VK-3	J46172-9	Water	11/9/06			X		Х
DUP-1	J46172-10	Water	11/9/06			Х		Х
			_					
		-						
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		1						
			_					

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
300-040 0002	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%).

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%
1117-2	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.

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%
NE/VK-3/DOF-1	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

Client Sample ID: T11A-1

Lab Sample ID:

J46172-1

Matrix:

AQ - Ground Water

Date Sampled: 11/08/06 Date Received: 11/10/06

Method:

SW846 8082 SW846 3510C

Percent Solids: n/a

Project:

GE Loeffel, Nassau, NY

Analytical Batch

Run #1

File ID 2G15049.D DF 1

Analyzed By **JSE**

12/04/06

Prep Date 11/14/06

Prep Batch 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	Limi	ts	
877-09-8	Tetrachloro-m-xylene	40%		38-13	33%	
877-09-8	Tetrachloro-m-xylene	45%		38-13	33%	
2051-24-3	Decachlorobiphenyl	72%		18-15	56%	
2051-24-3	Decachlorobiphenyl	76%		18-15	56%	

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

Page 1 of 1

Client Sample ID: T11A-1

Lab Sample ID:

J46172-1

AQ - Ground Water

Date Sampled: 11/08/06

Date Received: 11/10/06

Percent Solids: n/a

Project:

Matrix:

GE Loeffel, Nassau, NY

General Chemistry

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

Client Sample ID: T11A-2

Lab Sample ID:

J46172-2

Matrix: Method: AQ - Ground Water

SW846 8082 SW846 3510C

Date Sampled: Date Received: 11/10/06

11/08/06

Percent Solids: n/a

Project:

GE Loeffel, Nassau, NY

File ID 2G15050.D

DF 1

Analyzed 12/04/06

By **JSE** **Prep Date** 11/14/06

Prep Batch OP25455

Analytical Batch G2G613

Run #1 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/1	
11104-28-2	Aroclor 1221	ND	0.050	0.047	ug/l	
11141-16-5	Aroclor 1232	ND	0.050	0.039	ug/1	
53469-21-9	Aroclor 1242	ND	0.050	0.016	ug/1	
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		38-13	33%	
877-09-8	Tetrachloro-m-xylene	36% a	è è	38-13	33%	
2051-24-3	Decachlorobiphenyl	53%		18-1:	56%	
2051-24-3	Decachlorobiphenyl	68%		18-1	56%	

⁽a) Outside control limits due to matrix interference.

ND = Not detected

MDL - Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Page 1 of 1

Client Sample ID: T11A-2

Lab Sample ID:

J46172-2

Matrix:

AQ - Ground Water

Date Sampled: 11/08/06

Date Received: 11/10/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	Ву	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

Client Sample ID: T11A-3

Lab Sample ID:

J46172-3

Matrix: Method: AQ - Ground Water

SW846 8082 SW846 3510C GE Loeffel, Nassau, NY

Date Sampled: 11/09/06 Date Received: 11/10/06

Percent Solids: n/a

Project:	GE Loeffel, Nassau,	N'
		_

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

Run #2

Final Volume Initial Volume

Run #1 Run #2 1000 ml

1.0 ml

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/1	
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/1	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limi	ts	
877-09-8	Tetrachloro-m-xylene	47%		38-13	33%	
877-09-8	Tetrachloro-m-xylene	62%		38-13	33%	
2051-24-3	Decachlorobiphenyl	64 %		18-1	56%	
2051-24-3	Decachlorobiphenyl	78%		18-1:	56%	

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

Page 1 of 1

Client Sample ID: T11A-3

Lab Sample ID: J46172-3

Matrix:

AQ - Ground Water

Date Sampled: 11/09/06 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

Client Sample ID: A28-1

File ID

1000 ml

Lab Sample ID:

J46172-4

Matrix:

AQ - Ground Water

Method:

SW846 8082 SW846 3510C

Date Sampled: 11/08/06

Date Received: 11/10/06

Percent Solids: n/a

Project:

GE Loeffel, Nassau, NY

DF

Prep Date **Prep Batch**

Analytical Batch

Run #1 2G15052.D 1 12/04/06 **JSE** 11/14/06 OP25455 G2G613

By

Analyzed

Run #2

Initial Volume Final Volume

Run #1

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	Limi	its	
877-09-8	Tetrachloro-m-xylene	46%		38-13	33%	
877-09-8	Tetrachloro-m-xylene	52%	; ;	38-13	33%	
2051-24-3	Decachlorobipheny1	70%	·.	18-1:	56%	
2051-24-3	Decachlorobiphenyl	85%	9	18-1	56%	

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

Client Sample ID: NL/VK-1 Lab Sample ID: J46172-7

Matrix:

AQ - Ground Water

SW846 8082 SW846 3510C

Date Sampled: 11/08/06 Date Received: 11/10/06

Percent Solids: n/a

Method: Project:

GE Loeffel, Nassau, NY

DF

1

Prep Date Prep Batch Analytical Batch

Run #1 Run #2 File ID 2G15055.D **Analyzed** 12/04/06

By **JSE** 11/14/06

OP25455

G2G613

1000 ml

Initial Volume Final Volume

Run #1 Run #2 $1.0 \, ml$

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	Limi	ts	
877-09-8	Tetrachloro-m-xylene	70%		38-13	33%	
877-09-8	Tetrachloro-m-xylene	162% a		38-13	33%	
2051-24-3	Decachlorobiphenyl	72%		18-15	56%	
2051-24-3	Decachlorobiphenyl	88%		18-15	56%	

⁽a) Outside control limits due to matrix interference.

ND = Not detected

MDL - Method Detection Limit

J = Indicates an estimated value B = Indicates analyte found in associated method blank

RL = Reporting Limit

N = Indicates presumptive evidence of a compound

E = Indicates value exceeds calibration range

Page 1 of 1

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

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	Ву	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

Page 1 of 1

Client Sample ID: NL/VK-3

Lab Sample ID:

J46172-9

Date Sampled: 11/09/06

Matrix:

AQ - Ground Water

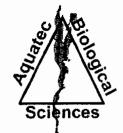
Date Received: 11/10/06 Percent Solids: n/a

Project:

GE Loeffel, Nassau, NY

General Chemistry

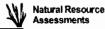
Analyte	Result	RL	Units	DF	Analyzed	Ву	Method
Solids, Total Suspended	12.0	4.0	mg/l	1	11/15/06	SP	EPA 160.2
Total Organic Carbon	5.2	1.0	mg/l	1	12/01/06 19:31	ESJ	415.1/9060 M/5310B M



Aquatec Biological Sciences









Analytical Report

Karen Bovin Accutest 2235 Route 130 Dayton, NJ 08810 Date

: 12/6/2006

BTR No.

Project No.

: 10008

: 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/I unless otherwise noted.

Laborato	ry Number/	Sample Information/	
	Method Number:	Method Description:	Result
033910	J46172-1: 11/8/2006 @ 2:1	7:00 PM	
	10200H3-C Chlorophyll a, co	prected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	0.9
	10200H3-U Chlorophyll a, ur	ncorrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	1.2
033911	J46172-2: 11/8/2006 @ 10:0	00:00 PM	
	10200H3-C Chlorophyll a, co	prected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	1.0
	10200H3-U Chlorophyll a, ur	ncorrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	1.7
033912	J46172-3: 11/9/2006 @ 6:25	5:00 AM	
	10200H3-C Chlorophyll a, co	rrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	0.1
	10200H3-U Chlorophyll a, un	corrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	0.2
033913	J46172-4: 11/8/2006 @ 3:00	0:00 PM	
	10200H3-C Chlorophyll a, co	rrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	0.9
	10200H3-U Chlorophyll a, un	corrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	1.0
033914	J46172-5: 11/8/2006 @ 10:4	0:00 PM	
	10200H3-C Chlorophyll a, co	rrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	4.6
	10200H3-U Chlorophyll a, un	corrected, 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, col	rrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	1.4
	10200H3-U Chlorophyll a, un	corrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	1.9

J46172-9S - Matrix Spike NOT ANALYZED.



Aquatec Biological Sciences









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/I unless otherwise noted.

Laborato	ry Number/	Sample Information/	
	Method Number:	Method Description:	Result
033916	J46172-7: 11/8/2006 @ 3:4	9:00 PM	
	10200H3-C Chlorophyll a, co	orrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	0.6
	10200H3-U Chlorophyll a, ui	ncorrected, 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, co	orrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	8.6
	10200H3-U Chlorophyll a, ur	ncorrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	12.3
033918	J46172-9: 11/9/2006 @ 8:0	0:00 AM	
	10200H3-C Chlorophyll a, co	rrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	1.4
	10200H3-U Chlorophyll a, ur	corrected, 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, co	rrected, ug/L; Analyzed: @	
	10200H3-U Chlorophyll a, un	corrected, ug/L; Analyzed: @	

J46172-9S - Matrix Spike NOT ANALYZED.

Submitted By:

Page 2 of 2

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

CHAIN OF CUSTODY

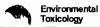
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	ָרָלָ עַ		Fresh 2235	Fresh Ponds Corporate Village, Building B 2235 Route 130, Dayton, NJ 08810	orate Vill Dayton, N	age, Build 15 08810	ding B	:	Accutest Job #:				
	<u>•</u>		5-806	908-329-0200 FA	FAX: 908-329-3499/3480	-329-3499	9/3480		Accutest Quote #:	#			
Cllent Information			Facility	Facility Information					Analytical	Analytical Information	٤		
Accutest													
Name 2235 Route 130		Project Name	Nassau, NY				,			·			,
12	08840	Location											,
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ort to:		3	7/1/12	000			P-						
Phone #: (/32) 329-0200 A-218		FAX#:	(732) 328-	9-3489			llyr						
		Collection			Prese	Preservation	ųdo.						
Field ID / Point of Collection	Date	Time	Sampled By	# of Watrix bottles	19OH	ISSO4	орю						
J47172 -1	11/8/06	14:17		A			×						
-2	11/8/06	22:00		Ą			×						
3	11/9/06	6:25		AQ			×						
4	11/8/06	15:00		PΙ			×						
5	11/8/06	22:40		AQ			×						
9-	11/9/06	7:30		AQ			×						
-7	11/8/06	15:49		ΑQ			×			·			
8-	11/8/06	23:20		ΑQ			×						
6-	11/9/06	8:00		AQ			×						-
-8S	11/9/06	8:52		ΑQ			×						
Turnaround Information			Data Deli	Data Deliverable Information	ation					Comme	Comments / Remarks	s	
21 Day Standard	Approved By:	. <u>.</u>	NJ Reduced	peol	§	Commercial "A"	"A"		9S and 9D are client designated QC samples	client desig	Ingled QC sar	mples	
] 14 Day			X No Full		§	Commercial "B"	"B"						
] 7 Days EMERGENCY			- FULL CL	۵,	హ్ □	State Forms							
X Other 21 (Days)			Disk Deliverable	iverable									
21 Day Turnaround Hardcopy, Emergency or RUSH is FAX Date unless previously approved	ncy or RUSH	is FAX	Other (Specify)	pecify)									
Sample	Custody must	t be documente	d below each	time samples	s change	nossesion	Sample Custody must be documented below each time samples change possesion, including courier delivery	ier delivery.				`	•
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)			_]]		

6.3°C



Aquatec Biological Sciences









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.

Laborato	ry Number/	Sample Information/	
	Method Number:	Method Description:	Result
033920	J46172-9D: 11/9/2006 @ 8	3:52:00 AM	
	10200H3-C Chlorophyll a, c	оггесted, ug/L; Analyzed: 11/15/2006 @ 4:45:00 РМ	1.5
	10200H3-U Chlorophyll a, u	incorrected, 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, o	orrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	1.5
,	10200H3-U Chlorophyli a, u	incorrected, ug/L; Analyzed: 11/15/2006 @ 4:45:00 PM	2.2
	ship cooler Return client's c	ooler,; Analyzed: @	

Submitted By:

Page 1 of 1

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



CHAIN OF CUSTODY Fresh Ponds Corporate Village, Building B

Accutest Job #:

EACTO I ES	Ü		2235 908-3	2235 Route 130, Dayton, NJ 08810 908-329-0200 FAX: 908-329-3499		ti 2008	7 088 329-34	0, Dayton, NJ 08810 FAX: 908-329-3499/3480		Accutest Quote #:			
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Client Information			Facility	Information	ıtlon 🎨					Analytical Information	rmation		
Accutest													
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yton NJ	08810	Location 1											
City State	Zip	Project No.											
lammy McCloskey			J46172									•	
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Phone #: (732) 329-0200 X-218	18	FAX#	(732) 329-3499	9-3499				- /t					
		Collection			-	Preservation	vation						
Field ID / Point of Collection	Date	Time	Sampled By	Matrix	HCF bottles	HOBN	₩SZH	Chlor					
J46172 -9D	11/9/06	08;52		Ą				×			-		
-10	11/8/06	8:40		Ą				×					
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Turnaround Information			Data Deliverable Information	verable in	formation						Comments / Remarks	arks	
21 Day Standard	Approved By:	By:	NJ Reduced	ced	L	2	Commercial "A"	at "A"		9S and 9D are clier	are client designated QC samples	samples	
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7 Days EMERGENCY			☐ FULL CLP	۵,	L	Sta	State Forms	22					
X Other 21 (Days)			Disk Del	Disk Deliverable									
21 Day Turnaround Hardcopy, Emergency or RUSH is FAX Data unless previously approved.	incy or RUSH	is FAX	Other (Specify)	(becify)	1				1				
Sample	Custody mus	t be document	ed below each	time sa	nples ch	ange p	ossesi	time samples change possesion, including courier delivery	ourier deliven				
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CHAIN OF CUSTODY

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

30

ACCUTEST.

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

J%1727

EXT, WCZY WCI, SUB SW - Surface Water SOL - Other Solid GW - Ground Water LIQ - Other Liquid LAB USE ONLY St. - Studge Matrix Codes 10 - JO WW - Water SO - Soil WP - Wipe AR - Air 754 Comments / Remarks Requested Analysis Received by: Received by 11-10-06 Jate Time: 1 o (20LJate Time: Preserved where applicable 507 84 🗆 □ 0728 □ N8A PAH ☐ 87ATS ☐ 7FP ☐ 82AT+ ☐ 7QA9 must be documented below each time samples change possession, including couner delivery PPL © STATS © MTBE © □ 01+ 10 □ 624 🗆 8260 C □ 1508 □ ABT 624 CI PALG □ \$09 □ \$4N 8360 CI □ NYASP Category B
□ State Forms
□ EDD Format MEFULL CLP

■ NYASP Category A ~, Custody Seal # Data Deliverable Information Project Information Envious ЮН Commercial "A" = Results Only State # of bottles ¥ 13 B Sampled Matrix By BBU Commercial 'A'
Commercial 'B'
Nu Reduced
Nu Full
Cother Client Purchase Order # 0820 5451 0180 8016111 Jæ∰8(CITY 0210 2320 0625 150 Time Project Name 11/8/16 11/9/106 11/8/08 Project # 11/9/06 11/8/06 99/6/11 90/8/11 11/8/18 11/8/16 Fax# Cate ð Received by: Received by MEOH Va# 152/4 SUMMA# (8%) 11916 1319 Date Time Date Time: Date Time: emerci lietts isalmer Approved By: / Date: Client / Reporting Information Laboratories Emergency & Rush T/A data available V/A LabLink Se Se Tumaround Time (Business Days) Field ID / Point of Collection 315- 446- 9120 101-3 NI /IIK 428-7 78. ì Dap-1 428. IX Std. 15 Business Days ☐ 3 Day EMERGENCY ☐ 1 Day EMERGENCY 2 Day EMERGENCY 4114 Company Name (S/q.) /and ished by Sampler Mdeslucia Sacuse ☐ 5 Day RUSH Stis Relinquished by: Acculest Sample # □ Other 7 ٦

B

FED-EX Tracking # CHAIN OF CUSTODY 2235 Route 130, Dayton NJ 08810 TEL. 732-329-0200 FAX: 732-329-3499/3480 www.accutest.com

Bottle Order Control #

Accutest Job #

Accutest Quote #

Laboratories												7) -	7/101
Gient / Reporting Information			Project Information	ation						Requested Analysis	Analysis			Matrix Codes
Company Name 1818/1821 Benck, Lee		Project Name	Site Gariens	7										DW - Drinking Water GW - Ground Water
Address 6723 Townalf Rul								-						WW - Water
City State	Zip 13/27	ág.	State			DIAN D		18941 18311+						SW - Surface Water SO - Soil
) / / / / / / / / / / / / / / / / / / /	E-mail	Project # 10/173, 500				602 9AN		\$ 10 Hotel						SL - Sludge Of - Oil
9/20		Fax#				1508 A8T	וכר 🗀 ד	ICL () F			5-,			LIQ - Other Liquid
Sampler's Name Meyor, 136 H. 136/mg	(887)	Client Purchase Order #				624 C	624				y ky c			AIR - Air SOL - Other Solid
Accidest Field ID / Point of Collection		Collection		Number of p	ved Bott	E L	0.0	720	70.	55	/ H2/\			₩Р - ₩ре
Sample #	MEOH Val#	Date Time By	# of # of ₩ Matrix bottles ₽	HOS	MEOH N9H2O HOME	978 976	926				7)			LAB USE ONLY
/ NL/N-3-ms		186 552 1884	10 4		8				·	,				
-9 < NI 11/4-3-M3D		11/9/16 0 852 BAL	U 4		3			_	-	_				
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Tumaround Time (Business Days)			Data De	Data Deliverable Information	u u					Com	Comments / Remarks	larks		
Sign 15 Business Days 10 Day RUSH 5 Day RUSH 5 Day RUSH	Date:	Commercial "A" Commercial "B" NJ Reduced		展 FULL CLP NYASP Category A NYASP Category B	gory A gory B									
C 3 Day EMERGENCY		- S. E.		State Forms E00 Format										
1 bay EMERGENCY		Commercial "	Commercial "A" = Results Only				<u>L_</u>							
Emergency & Rush T/A data avaitable V/A LabLink				-		; ;								
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4	1177/1/ 1710 1 Date Time: Rec	8	<u>)</u>	Reinquished by:	١				0ate Time:		Received by:	\$	rnt	
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ACCUTEST. TITLES

FED-EX Tracking # CHAIN OF CUSTODY

rage 1 of 5

Bottle Order Control #

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

GW - Ground Water SOL - Other Solid DW - Drinking Wate SW - Surface Water UQ - Other Liquid LAB USE ONLY Matrix Codes St. · Sludge SO - Soi 01-0 AIR - Air WW - Water WP - Wipe Accutest, 104# 16.370 Requested Analysis ध्व अ BN □ 625 □ □ 87ARS □ 1994 □ 2017+ □ 10A9 TCL CT 0758 Accutest Quote # TOL O PPL C SAATS C WIBE C 8260 C 624 CC © 4Wh □ 1508 □ A81 624 🗆 MTBE 🗅 81EX 🖸 □ euna □ euna Project Information # of bottles State Sampled Matrix By tt tt 386 4 Client Purchase Order # 5/7/ 1415 1924 元27 55 Ime 1328 30<u>%</u> 5% <u>왕</u> Project Name Project # 10/6/11 Fax# Date Š 11 P. 36/-18.60 MEOH VIZIT SUMMA# 73214 Client / Reporting Information Laboratories 4 MONEY () 4/4,) > 4 fore y Blooked Bund, lee AZ8-2-04 +11 A-2-03 A28-2-03 TUA-2-02 A28-2-02 TIIA-2-01 Phone # 315-446-9120 10-2-87 1223 Fourth Chris Tone !! RB-01 Yrocuse A Action A Company Name ampler's Name

Project Contact

Accutest Sample #

To	Turnaround Time (Business Days)				Data Deliverable Information			Comments / Remarks	
M. Std. 15 Business Days	Approved By: / Date:	ate:		Commercial "A"	FULL CLP				
☐ 10 Day RUSH			<u> </u>	Commercial 'B'	☐ NYASP Category A				
☐ 5 Day RUSH			_	NJ Reduced	☐ NYASP Category B				
S Day EMERGENCY				NJ Full	State Forms				
☐ 2 Day EMERGENCY				Offer	☐ EDD Format				
☐ 1 Day EMERGENCY									
Other			 	Commercial "A" = Results Only	sults Only				
Emergency & Rush T/A	Emergency & Rush T/A data available VIA LabLink							(
			Sample (Sample Custody must be documented	below each time samples change	be documented below each time samples change possession, including courier delivery.			
Refinquished by Sampler		Date Time: 1537	Received by:	Chark	Reinquished by	Yes Yes	Date Time: 10 110	Received by	
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Relinquished by:		Date Time:	Received by:		Custody Seal #	Preserved	Preserved where applicable) 2 5 C	Cooler Temp. 7.7
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1450

10-2-Y17N TUA-2-04

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CLAIR DE JUSTOBL

ACCUTEST.

Laboratories

2235 Route 130, Dayton NJ 08810 TEL. 732-329-0200 FAX: 732-329-3499/5480 www.accutest.com

Acculest Job # 7 46.310 Bottle Order Control # Accutest Quote #

Lage - co.

Clent / Reporting Information			Project Information					Requested Analysis	alysis		Matrix Codes
-		Project Name	Line A								DW - Drinking Water
VIOSIGNO, DOXXIC, 4 LCC, JANC		1211201									GW - Ground Water
Andrews 6723 Towkeyn (2)		Street			0	E					WW - Water
Oly State	85 KB	City	State		PALG PALG	∩ 89 +TiC\$ [SW · Surface Water
2		is tooling		Ĭ		AT2					
	Crt@bblinc.com	10073.90				10Vd					N- Strage
46-9120		Fax#		1		WH CI	201				LIQ - Other Liquid
Sampler's Name		Cient Purchase Order #			624 C		· / ·				AIR - Air SOL - Other Solid
	SIIMMA#	Collection	Number of preserved Bottles		0		59	-			WP - Wipe
Sample #		Sampled Matrix	#0f # # # # ## ## ## ## ## ## ## ## ## ##	3400148	8260 I 8260 I 16A		¥				LAB USE ONLY
- 11 NEVK-2-02	W.	11/4/0c 1505 1882 SOL	-				1				
-12 NLUK-2-03		1 1517 [
13 SLUK-2-04		1530			_		1				
1 1/ NLVK-2-05			*				1				
- 1/ NLVK-3-01		1 1612									
1/6 TIIA-3-01		1 1530									
1/7 NUK-3-02		1 1635					_				
-17 A28-3-01		1132					_				
-14 AZB-3-02		18:00					-				
- 20 DUP-1-01		K	~ →								
umaround Time (Bus			Data Deliverable Information					Commen	Comments / Remarks		
Approved By: / Date:	rate:	Commercial "A"	Y FULL CLP								
□ 5 Day RUSH		□ NJ Reduced	□ NYASP Category B								
☐ 3 Day EMERGENCY		<u> </u>	State Forms		<u>L</u> .						
1 2 Day EMERGENCY		- Cale	L EUU Format								
LI 10ay EMERGENCY		Alach allerand = "A" leiseannach									
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Laboratories Z ACCUTEST.

CHAIN OF CUSTODY

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

raye 3t ottle Order Control # FED-EX Tracking # #

Accutest Job #

Accutest Quote #

1

GW - Ground Water SW - Surface Water SOL - Other Solid DW - Drinking Wate LIQ Other Liquid LAB USE ONLY Matrix Codes SO · Soil St. Sludge jō - jō YVW - Water AR - Air WP - Wipe Comments / Remarks Requested Analysis 828 □ 87AT2 □ 199 □ 82YT+ □ ∃0A9 © N9 939 □ ict 🛘 □ 0718 □ M8A □\$l+ |} 624 🗆 □ 0328 □ ABT 10.01 -10.01 ☐ 38TM 🗘 29AT2 PAUG [] 624 C 3021 C 38A C © \$09 NA₽ □ X318 HOSM K FULL CLP

NYASP Category A

NYASP Category B

State Forms

EDD Format Data Deliverable Information Project Information Site Garway ЮН State Commercial "A" = Results Only # of bottles 100,73.900 Matrix Sampled By Commercial 'A'
Commercial 'B'
IN Reduced
IN Full
Other Client Purchase Order # 1913 1249 1322 11/10/06/10:50 19 MB 1935 71:8/20/01/11 11 haloela:00 25 Time Project Name Project # 1/10/16 30/01/11 10/06 x Fax# Date Š Crt & 886-IN.10M SUMMA# WEOH Val# 15, Approved By: / Date Client / Reporting Information Address Formpath R Tumaround Time (Business Days) Field ID / Point of Collection 5, Schidzick - 62P-03 - MSM - 01 N4VK-3-KS-0 3-115-0 Phone # 215-446-9/20 レレンスーーク hris Torell 107-1-02 10-1-MI-1 0 ON Syracione NL UK-X Std. 15 Business Days
10 Day RUSH
5 Day RUSH
5 Day RUSH
7 3 Day EMERGENCY 1-824 プロジ ☐ 1 Day EMERGENCY ☐ 2 Day EMERGENCY MLVK Sampler's Name Accurtest Sample # ☐ Gher

00037

Emergency & Rush T/A data available VIA LabLink

Coaler Temp.

Q st C□

Preserved where applicable

Custody Seal #

Received by:

Date Time:

Relinquished by:

Date Time: 10; (0)

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

Relinquished by: 2 Refinquished by:

Received by:

Received by

11/416/1470



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



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

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Sample Summary

Blasland, Bouck, and Lee

GE Loeffel, Nassau, NY Project No: 10073.910 Job No:

J46310

Sample Number	Collected Date	Time By	Received	Matr Code		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 ** [188] **
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

$\underset{(continued)}{\textbf{Sample Summary}}$

Blasland, Bouck, and Lee

GE Loeffel, Nassau, NY Project No: 10073.910

Job No: J46310

Sample Number	Collected Date	Time By	Received	Matr Code		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		ime By Receive	Matrix d Code Type	Client Sample ID
J46310-23	W 11/10/06 08	B:12 EM 11/11/0	6 AIR Air	A28-1-01: 1 1-12: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
J46310-24	11/10/06 09	9:00 EM 11/11/0	6 AIR Air	T-11A-1-01

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B. Sample Data (packages sorted by increasing sample number) i. Sample Result Summary and Method Detection Limit (VOA/SV) ii. Tentatively Identified Compounds Result (VOA/SV) iii. Sample Reconstructed Total Ion Chromatogram (RIC) and Quant Report (VOA/SV) iv. Mass Spectra of Target Compounds (VOA/SV) v. Library Search for Non-Target Compounds (VOA/SV)	
C. Standards Data i. Initial Calibration (VOA/SV) — Initial Calibration Data — Reconstructed Total Ion Chromatogram (RIC) and Quant Reports ii. Continuing Calibration (VOA/SV) — Continuing Calibration Data — Reconstructed Total Ion Chromatogram (RIC) and Quant Reports	
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B.	Sample Data (packages sorted by increasing sample number)	
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D.	Digestion & Distillation Logs	

RESULTS

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ACCUTEST

Client Sample ID: A28-2-01 Lab Sample ID: J46310-1

Matrix:

AIR - Air

Date Sampled: 11/09/06

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

0.1064

Percent Solids: n/a

11/18/06

General Chemistry

Sample Weight

Analyte	Result	RL	Units	DF	Analyzed	$\mathbf{B}\mathbf{y}$	Method

g/filter

Client Sample ID: A28-2-02

Lab Sample ID: J46310-2 Matrix: AIR - Air **Date Sampled:** 11/09/06 **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

Page 1 of 1

Client Sample ID: A28-2-03

Lab Sample ID: Matrix:

J46310-3

AIR - Air

Date Sampled: 11/09/06 Date Received: 11/11/06

Percent Solids: n/a

Project:

GE Loeffel, Nassau, NY

General Chemistry

Result RLAnalyte Units DF Analyzed Method By

0.2105 Sample Weight g/filter 1 11/18/06 ESJ ACCUTEST

Page 1 of 1

Client Sample ID: A28-2-04

Lab Sample ID:

J46310-4

Matrix:

AIR - Air

Date Sampled: 11/09/06

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

Analyte

Result

RL

Units

DF

Analyzed

By Method

Sample Weight

0,1345

g/filter

1

11/18/06

ACCUTEST **ESJ**

RL = Reporting Limit

:00011

Page 1 of 1

Client Sample ID: T11A-2-01

Lab Sample ID:

J46310-6

Date Sampled: 11/09/06

Matrix:

AIR - Air

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	$\mathbf{B}\mathbf{v}$	Method
2 111d1 J CC	1 Court	141	Cilito	<i>D</i> 1	Zilidij Zcu		IVICUII

0.09690 Sample Weight g/filter 11/18/06 ESJ ACCUTEST

Page 1 of 1

Client Sample ID: T11A-2-02

Lab Sample ID:

J46310-7

Date Sampled: 11/09/06

Matrix:

AIR - Air

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

Analyte

Result

RL

Units

DF

Analyzed

Method By

Sample Weight

0.1248

g/filter

1

11/18/06

ACCUTEST ESJ

RL = Reporting Limit

: 20013

Page 1 of 1

Client Sample ID: T11A-2-03

Lab Sample ID:

J46310-8

Date Sampled: 11/09/06

Matrix:

AIR - Air

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
---------	--------	----	-------	----	----------	----	--------

Sample Weight

0.1303

g/filter

11/18/06

ACCUTEST

Report of Analysis Page 1 of 1

Client Sample ID: T11A-2-04

Lab Sample ID: J46310-9 Matrix:

AIR - Air

Date Sampled: 11/09/06 Date Received: 11/11/06

Percent Solids: n/a

Project:

GE Loeffel, Nassau, NY

General Chemistry

Result RLUnits DF **Analyzed** $\mathbf{B}\mathbf{y}$ Method **Analyte**

0.1098 11/18/06 g/filter ACCUTEST Sample Weight 1 **ESJ**

Page 1 of 1

Client Sample ID: NLVK-2-01

Lab Sample ID: Matrix:

J46310-10 AIR - Air

Date Sampled: 11/09/06

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	$\mathbf{B}\mathbf{y}$	Method

0.3817 g/filter Sample Weight 11/18/06 ACCUTEST

Page 1 of 1

Client Sample ID: NLVK-2-02

Lab Sample ID:

J46310-11

Date Sampled: 11/09/06

AIR - Air

Date Received: 11/11/06

Project:

Matrix:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

Analyte

Result

RL

Units

DF

Analyzed

Method $\mathbf{B}\mathbf{y}$

Sample Weight

0.3606

g/filter

1

11/18/06

ESJ ACCUTEST

Page 1 of 1

Client Sample ID: NLVK-2-03

Lab Sample ID:

J46310-12

Date Sampled: 11/09/06

Matrix:

AIR - Air

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

Analyte	Dogult	DI	Ulmita	DE	Analyzad	D.,	Mothod
Analyte	Result	KL	Units	Dr	Analyzed	Бу	Memou

Sample Weight

0,4468

g/filter

11/18/06

ESJ ACCUTEST

Page 1 of 1

Client Sample ID: NLVK-2-04

Lab Sample ID:

J46310-13

Date Sampled: 11/09/06

Matrix:

AIR - Air

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	$\mathbf{B}\mathbf{y}$	Method
Sample Weight	0.3241		g/filter	1	11/18/06	ESJ	ACCUTEST

Page 1 of 1

Client Sample ID: NLVK-2-05

Lab Sample ID:

J46310-14

Date Sampled: 11/09/06

Matrix:

AIR - Air

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	$\mathbf{B}\mathbf{y}$	Method
•					•		

0.3813 g/filter Sample Weight 11/18/06 ACCUTEST

Page 1 of 1

Client Sample ID: NLVK-3-01

Lab Sample ID:

J46310-15

AIR - Air

Date Sampled: 11/10/06 **Date Received:** 11/11/06

Project:

Matrix:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

Analyte

Result

RL

Units

DF

Analyzed

By Method

Sample Weight

0.1944

g/filter

11/18/06 1

ESJ

ACCUTEST

Page 1 of 1

Client Sample ID: NLVK-3-01

Lab Sample ID:

J46310-15A

Date Sampled: 11/10/06

Matrix:

AIR - Air

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	$\mathbf{B}\mathbf{y}$	Method
1 = 11 = 15						-,	

Sample Weight

0.09830

g/filter

11/18/06

ACCUTEST **ESJ**

Page 1 of 1

Client Sample ID: NLVK-3-01

Lab Sample ID: Matrix:

J46310-15B

Date Sampled: 11/09/06

AIR - Air

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

Analyte

Result

RL

Units

DF

Analyzed

By Method

Sample Weight

0.1106

g/filter

1

11/18/06

ESJ ACCUTEST

Page 1 of 1

Client Sample ID: T11A-3-01

Lab Sample ID: Matrix:

J46310-16 AIR - Air

Date Sampled: 11/09/06

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

Analyte

Result

RL

Units

DF

Analyzed

Method By

Sample Weight

0.05000

g/filter

1

11/18/06

ACCUTEST **ESJ**

Page 1 of 1

Client Sample ID: NLVK-3-02

Lab Sample ID: Matrix:

J46310-17

AIR - Air

Date Sampled: 11/10/06

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

Analyte

Result

RL

Units

DF

Analyzed

By Method

Sample Weight

0.04060

g/filter

1

11/18/06

ACCUTEST ESJ

Page 1 of 1

Client Sample ID: NLVK-3-02

Lab Sample ID:

J46310-17A

Date Sampled: 11/10/06

Matrix:

AIR - Air

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

Analyte

Result

RL

Units

DF

Analyzed

Method By

Sample Weight

0.1430

g/filter

1

11/18/06

ESJ ACCUTEST

Page 1 of 1

Client Sample ID: NLVK-3-02

Lab Sample ID: Matrix:

J46310-17B AIR - Air

Date Sampled: 11/09/06

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

Analyte

Result

RL

Units

DF

Analyzed

By Method

Sample Weight

0.1543

g/filter

1

11/18/06

ESJ ACCUTEST

Page 1 of 1

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

Page 1 of 1

Client Sample ID: A28-3-02

Lab Sample ID:

J46310-19

Date Sampled: 11/09/06

Matrix:

AIR - Air

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

Analyte

Result

RL

Units

DF

Analyzed

Method By

Sample Weight

0.1908

g/filter

1

11/18/06

ACCUTEST ESJ

Report of Analysis Page 1 of 1

Client Sample ID: DUP-1-01

Lab Sample ID: J46310-20 Matrix:

AIR - Air

Date Sampled: 11/09/06 Date Received: 11/11/06

Percent Solids: n/a

Project:

GE Loeffel, Nassau, NY

General Chemistry

RLMethod Analyte Result Units DF Analyzed By

Sample Weight 0.1233 g/filter 11/18/06 1 **ESJ** ACCUTEST

Page 1 of 1

Client Sample ID: DUP-1-02

Lab Sample ID:

J46310-21

Date Sampled: 11/09/06

Matrix:

AIR - Air

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

Analyte

Result

RL

Units

DF

1

Analyzed

 $\mathbf{B}\mathbf{y}$ Method

Sample Weight

0.1283

g/filter

11/18/06

ESJ

Client Sample ID: NL/VK-1-01

Lab Sample ID: Matrix:

J46310-22

AIR - Air

Date Sampled: 11/09/06

Date Received: 11/11/06

Percent Solids: n/a

Project:

GE Loeffel, Nassau, NY

General Chemistry

Analyte

Result

RL

Units

DF

Analyzed

Method By

Sample Weight

< 0.020 0.020

g/filter

11/18/06

Page 1 of 1

Client Sample ID: A28-1-01

Lab Sample ID:

J46310-23

Date Sampled: 11/10/06

Matrix:

AIR - Air

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	Ву	Method
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Sample Weight

< 0.020 0.020

g/filter

11/18/06

ESJ

Accutest Laboratories

Page 1 of 1

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

BBLNYS Blasland, Bouck, and Lee Account:

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		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		Return to Storage
J46310-1.1	Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
J46310-1.1	Michael Rodriguez	C	11/18/06 17:57	_
J46310-2.1	Secured Storage	Todd Shoemaker		Retrieve from Storage
J46310-2.1	Todd Shoemaker	Viktoriya L. Pushkova		Custody Transfer
J46310-2.1	Viktoriya L. Pushkova	Secured Storage		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		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		Retrieve from Storage
J46310-3.1	Todd Shoemaker	Svitlana Poruchikova		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		Retrieve from Storage
J46310-3.1	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-4.1	Secured Storage	Todd Shoemaker		Retrieve from Storage
J46310-4.1	Todd Shoemaker	Svitlana Poruchikova		Custody Transfer
J46310-4.1	Svitlana Poruchikova	Secured Storage		Return to Storage
J46310-4.1	Secured Storage	Adam Scott		Retrieve from Storage
J46310-4.1	Adam Scott	Svitlana Poruchikova		Custody Transfer
J46310-4.1	Svitlana Poruchikova	Secured Storage		Return to Storage
J46310-4.1	Secured Storage	Michael Rodriguez		Retrieve from Storage
J46310-4.1	Michael Rodriguez		11/18/06 17:57	Depleted
J46310-5.1	Secured Storage	Justin Benz		Retrieve from Storage
J46310-5.1	Justin Benz	Brent Busse	11/15/06 09:09	Custody Transfer

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		Retrieve from Storage
J46310-6.1	Todd Shoemaker	Svitlana Poruchikova		Custody Transfer
J46310-6.1	Svitlana Poruchikova	Secured Storage		Return to Storage
J46310-6.1	Secured Storage	Adam Scott		Retrieve from Storage
J46310-6.1	Adam Scott	Svitlana Poruchikova		Custody Transfer
J46310-6.1	Svitlana Poruchikova	Secured Storage		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		Retrieve from Storage
J46310-7.1	Todd Shoemaker	Svitlana Poruchikova		Custody Transfer
J46310-7.1	Svitlana Poruchikova	Secured Storage		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		Custody Transfer
J46310-7.1	Svitlana Poruchikova	Secured Storage		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		Retrieve from Storage
J46310-9.1	Todd Shoemaker	Svitlana Poruchikova		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		Return to Storage
J46310-10.1	Secured Storage	Adam Scott		Retrieve from Storage

Account:

BBLNYS Blasland, Bouck, and Lee

Project:

GE Loeffel, Nassau, NY

Received:

11/11/06

Adam Scott Svitlana Poruchikova Secured Storage Michael Rodriguez Secured Storage Todd Shoemaker Svitlana Poruchikova	Svitlana Poruchikova Secured Storage Michael Rodriguez Todd Shoemaker Svitlana Poruchikova	11/17/06 17:00 11/18/06 15:03 11/18/06 17:57	Custody Transfer Return to Storage Retrieve from Storage Depleted
Secured Storage Michael Rodriguez Secured Storage Todd Shoemaker Svitlana Poruchikova	Michael Rodriguez Todd Shoemaker	11/18/06 15:03 11/18/06 17:57	Retrieve from Storage
Michael Rodriguez Secured Storage Todd Shoemaker Svitlana Poruchikova	Todd Shoemaker	11/18/06 17:57	•
Secured Storage Todd Shoemaker Svitlana Poruchikova			Depleted
Todd Shoemaker Svitlana Poruchikova		11/1/2/07 00 10	
Svitlana Poruchikova	Svitlana Poruchikova	11/16/06 08:40	Retrieve from Storage
	Svitiana i oručnikova	11/16/06 08:42	Custody Transfer
	Secured Storage	11/16/06 16:59	Return to Storage
Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
Svitlana Poruchikova	Secured Storage	11/17/06 17:00	Return to Storage
Secured Storage	Michael Rodriguez	11/18/06 15:03	Retrieve from Storage
Michael Rodriguez			•
Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
Todd Shoemaker	Svitlana Poruchikova		Custody Transfer
Svitlana Poruchikova	Secured Storage		Return to Storage
	Adam Scott		Retrieve from Storage
_			•
	•		Retrieve from Storage
Michael Rodriguez			_
Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
Todd Shoemaker	Svitlana Poruchikova		Custody Transfer
Svitlana Poruchikova			Return to Storage
Secured Storage	Adam Scott		Retrieve from Storage
_			•
			Retrieve from Storage
Michael Rodriguez	3		
Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
Todd Shoemaker	Svitlana Poruchikova		Custody Transfer
Svitlana Poruchikova			Return to Storage
Secured Storage	Adam Scott		Retrieve from Storage
Adam Scott	Svitlana Poruchikova		Custody Transfer
Svitlana Poruchikova			Return to Storage
			Retrieve from Storage
Michael Rodriguez			_
Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
Todd Shoemaker	Svitlana Poruchikova		Custody Transfer
Svitlana Poruchikova	Secured Storage		Return to Storage
	Svitlana Poruchikova Secured Storage Michael Rodriguez Secured Storage Todd Shoemaker Svitlana Poruchikova Secured Storage Adam Scott Svitlana Poruchikova Secured Storage Michael Rodriguez Secured Storage Todd Shoemaker Svitlana Poruchikova Secured Storage Adam Scott Svitlana Poruchikova Secured Storage Adam Scott Svitlana Poruchikova Secured Storage Michael Rodriguez Secured Storage Todd Shoemaker Svitlana Poruchikova Secured Storage Todd Shoemaker Svitlana Poruchikova Secured Storage Adam Scott Svitlana Poruchikova Secured Storage Adam Scott Svitlana Poruchikova Secured Storage Michael Rodriguez Secured Storage Michael Rodriguez	Svitlana Poruchikova Secured Storage Michael Rodriguez Secured Storage Todd Shoemaker Svitlana Poruchikova Secured Storage Adam Scott Svitlana Poruchikova Secured Storage Adam Scott Svitlana Poruchikova Secured Storage Michael Rodriguez Secured Storage Michael Rodriguez Secured Storage Michael Rodriguez Secured Storage Todd Shoemaker Svitlana Poruchikova Secured Storage Todd Shoemaker Svitlana Poruchikova Secured Storage Adam Scott Svitlana Poruchikova Secured Storage Adam Scott Svitlana Poruchikova Secured Storage Michael Rodriguez Secured Storage Michael Rodriguez Todd Shoemaker Svitlana Poruchikova Secured Storage Michael Rodriguez Todd Shoemaker Svitlana Poruchikova Secured Storage Michael Rodriguez Secured Storage Adam Scott Svitlana Poruchikova Secured Storage Michael Rodriguez Todd Shoemaker Svitlana Poruchikova	Svitlana Poruchikova Secured Storage 11/17/06 17:00 Secured Storage Michael Rodriguez 11/18/06 15:03 Michael Rodriguez 11/18/06 17:57 Secured Storage Todd Shoemaker 11/16/06 08:40 Todd Shoemaker Svitlana Poruchikova 11/16/06 08:42 Secured Storage Adam Scott 11/17/06 14:49 Adam Scott Svitlana Poruchikova 11/17/06 14:49 Svitlana Poruchikova Secured Storage 11/17/06 14:49 Svitlana Poruchikova Secured Storage 11/17/06 14:51 Svitlana Poruchikova Secured Storage 11/18/06 17:00 Michael Rodriguez 11/18/06 17:57 Secured Storage Adam Scott 11/16/06 08:40 Svitlana Poruchikova Secured Storage 11/17/06 14:49 Adam Scott 11/16/06 08:40 Svitlana Poruchikova 11/16/06 08:40 Secured Storage Michael Rodriguez 11/17/06 14:49 Secured Storage Michael Rodriguez 11/18/06 15:03 Michael Rodriguez 11/18/06 17:00 Secured Storage 11/18/06 15:03

Account:

BBLNYS Blasland, Bouck, and Lee

Project:

GE Loeffel, Nassau, NY

Received: 11/11/06

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		Return to Storage
J46310-15.2	Secured Storage	Michael Rodriguez		Retrieve from Storage
J46310-15.2	Michael Rodriguez	Ü	11/18/06 17:57	
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		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		Custody Transfer
J46310-15.3	Svitlana Poruchikova	Secured Storage		Return to Storage
J46310-15.3	Secured Storage	Michael Rodriguez		Retrieve from Storage
J46310-15.3	Michael Rodriguez	C	11/18/06 17:57	_
J46310-16.1	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-16.1	Todd Shoemaker	Svitlana Poruchikova		Custody Transfer
J46310-16.1	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
J46310-16.1	Secured Storage	Adam Scott		Retrieve from Storage
J46310-16.1	Adam Scott	Svitlana Poruchikova		Custody Transfer
J46310-16.1	Svitlana Poruchikova	Secured Storage		Return to Storage
J46310-16.1	Secured Storage	Michael Rodriguez		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		Retrieve from Storage
J46310-17.1	Adam Scott	Svitlana Poruchikova		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	_
J46310-17.2	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
J46310-17.2	Todd Shoemaker	Svitlana Poruchikova		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
146310-18.1	Svitlana Poruchikova	Secured Storage	11/16/06 16:59	Return to Storage
146310-18.1	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
146310-19.1	Svitlana Poruchikova	Secured Storage		Return to Storage
146310-19.1	Secured Storage	Adam Scott	11/17/06 14:49	Retrieve from Storage
146310-19.1	Adam Scott	Svitlana Poruchikova	11/17/06 14:51	Custody Transfer
146310-19.1	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
146310-19.1	Michael Rodriguez		11/18/06 17:57	Depleted
146310-20.1	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage
146310-20.1	Todd Shoemaker	Svitlana Poruchikova		Custody Transfer
146310-20.1	Svitlana Poruchikova	Secured Storage		Return to Storage
146310-20.1	Secured Storage	Adam Scott		Retrieve from Storage
146310-20.1	Adam Scott	Svitlana Poruchikova		Custody Transfer
146310-20.1	Svitlana Poruchikova	Secured Storage		Return to Storage
146310-20.1	Secured Storage	Michael Rodriguez		Retrieve from Storage
146310-20.1	Michael Rodriguez		11/18/06 17:57	Depleted
146310-21.1	Secured Storage	Todd Shoemaker	11/16/06 08:40	Retrieve from Storage

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		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



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.

GN97520

Wet Chemistry By Method ACCUTEST

Matrix: ALL Batch ID:

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).

Blasland, Bouck, and Lee

Job No:

J46310

Sample Number	Method	Analyzed	Ву	Prepped	Ву	Test Codes
J46310-1 A28-2-01	Collected: 09-NOV-06	12:15 By: EM	Recei	ved: 11-NO	V-06 B	y; RL
J46310-1	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-2 A28-2-02	Collected: 09-NOV-06	13:40 By: EM	Recei	ved: 11-NO	V-06 B	y: RL
J46310-2	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-3 A28-2-03	Collected: 09-NOV-06	13:28 By: EM	Recei	ved: 11-NO	V-06 B	y: RL
J46310-3	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-4 A28-2-04	Collected: 09-NOV-06	13:40 By: EM	Recei	ved: 11-NO	V-06 B	y: RL
J46310-4	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-6 T11A-2-01	Collected: 09-NOV-06	13:50 By: EM	Recei	ved: 11-NO	V-06 B	y: RL
J46310-6	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-7 T11A-2-02	Collected: 09-NOV-06	14:06 By: EM	Recei	ved: 11-NO	V-06 B	y: RL
J46310-7	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-8 T11A-2-03	Collected: 09-NOV-06	14:15 By: EM	Recei	ved: 11-NO'	V-06 B	y: RL
J46310-8	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-9 T11A-2-04	Collected: 09-NOV-06	14:25 By: EM	Recei	ved: 11-NO	V-06 B	y: RL
J46310-9	ACCUTEST	18-NOV-06	ESJ			FLTWT

Blasland, Bouck, and Lee

Job No:

J46310

Sample Number	Method	Analyzed	Ву	Prepped	Ву	Test Codes
J46310-10 NLVK-2-0	Collected: 09-NOV-06	14:50 By: EM	Receiv	red: 11-NOV	7-06 B:	y: RL
J46310-10	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-11 NLVK-2-0	Collected: 09-NOV-06	15:05 By: EM	Receiv	ved: 11-NOV	′-06 B	y: RL
J46310-11	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-12 NLVK-2-0	Collected: 09-NOV-06	15:17 By: EM	Receiv	ved: 11-NOV	'-06 By	y: RL
J46310-12	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-13 NLVK-2-0	Collected; 09-NOV-06	15:30 By: EM	Receiv	ved: 11-NOV	′-06 By	v: RL
J46310-13	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-14 NLVK-2-0:	Collected: 09-NOV-06	15:38 By: EM	Receiv	ed: 11-NOV	-06 By	r: RL
J46310-14	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-15 NLVK-3-0	Collected: 10-NOV-06	10:50 By: EM	Receiv	red: 11-NOV	-06 By	r: RL
J46310-15	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-16 T11A-3-01	Collected: 09-NOV-06	15:50 By: EM	Receiv	ed: 11-NOV	-06 By	n RL
J46310-16	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-17 NLVK-3-02	Collected: 10-NOV-06	11:20 By: EM	Receiv	ed: 11-NOV	-06 By	r: RL
J46310-17	ACCUTEST	18-NOV-06	ESJ			FLTWT

Blasland, Bouck, and Lee

Job No:

J46310

Sample Number	Method	Analyzed	Ву	Prepped	Ву	Test Codes
J46310-18 A28-3-01	Collected: 09-NOV-06	17:32 By: EM	Receiv	ved: 11-NOV	/-06 By	7: RL
J46310-18	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-19 A28-3-02	Collected: 09-NOV-06	18:00 By: EM	Receiv	/ed: 11-NOV	′-06 By	r: RL
***************************************	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-20 DUP-1-01	Collected: 09-NOV-06	18:41 By: EM	Receiv	/ed: 11-NOV	'-06 By	n RL
***************************************	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-21 DUP-1-02	Collected: 09-NOV-06	19:13 By: EM	Receiv	ed: 11-NOV	'-06 By	v: RL
100000000000000000000000000000000000000	ACCUTEST	18-NOV-06	ESJ			FLTWT
	Collected: 09-NOV-06	19:35 By: EM	Receiv	red: 11-NOV	-06 By	r: RL
NL/VK-1-0 J46310-22	ACCUTEST	18-NOV-06	ESJ			FLTWT
	Collected: 10-NOV-06	08:12 By: EM	Receiv	ed: 11-NOV	-06 By	
A28-1-01 J46310-23	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-24	Collected: 10-NOV-06			ed: 11-NOV	-06 By	
T-11A-1-01 J46310-24	ACCUTEST	18-NOV-06	ESJ			FLTWT
J46310-15A	Collected: 10-NOV-06			red: 11-NOV	-06 By	
NLVK-3-01	ACCUTEST	18-NOV-06	ECI			EL TIVE
J+0310-13A		10-11O Y -00	ESJ			FLTWT

Blasland, Bouck, and Lee

Job No:

J46310

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

GEN CHEM

Page 1 of 1

Report of Analysis

Client Sample ID: A28-2-01

Lab Sample ID: J46310-1

Date Sampled: 11/09/06 Date Received: 11/11/06

Matrix: AIR - Air

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

Page 1 of 1

Client Sample ID: A28-2-02 Lab Sample ID:

J46310-2

Matrix:

AIR - Air

Date Sampled: 11/09/06

Percent Solids: n/a

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

General Chemistry

Analyte Result RLUnits DF Analyzed By Method

Sample Weight 0.2106 g/filter 11/18/06 ACCUTEST 1 ESJ

Page 1 of 1

Client Sample ID: A28-2-03 Lab Sample ID:

J46310-3

Matrix:

AIR - Air

Date Sampled: 11/09/06

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

Page 1 of 1

Client Sample ID: A28-2-04

Lab Sample ID: J46310-4 Matrix: AIR - Air Date Sampled: 11/09/06

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

Page 1 of 1

Client Sample ID: T11A-2-01

Lab Sample ID: J46310-6 Matrix:

Date Sampled: 11/09/06 AIR - Air

Date Received: 11/11/06 Percent Solids: n/a

Project:

GE Loeffel, Nassau, NY

General Chemistry

RLUnits DF Method Analyte Result Analyzed By

Sample Weight 0.09690 g/filter 1 11/18/06 ESJ ACCUTEST

Page 1 of 1

Client Sample ID: T11A-2-02

Lab Sample ID: J46310-7
Matrix: AIR - Air

Date Sampled: 11/09/06 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

Page 1 of 1

Client Sample ID: T11A-2-03

Lab Sample ID: Matrix:

J46310-8

Date Sampled: 11/09/06

AIR - Air

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

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

Page 1 of 1

Client Sample ID: T11A-2-04

Lab Sample ID: Matrix:

J46310-9 AIR - Air Date Sampled: 11/09/06

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

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

Page 1 of 1

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

1

Analyzed

Method By

Sample Weight

0.3817

g/filter

11/18/06

ACCUTEST ESJ

Client Sample ID: NLVK-2-02

Lab Sample ID: Matrix:

J46310-11 AIR - Air Date Sampled: 11/09/06

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

Client Sample ID: NLVK-2-03

Lab Sample ID: Matrix:

J46310-12

AIR - Air

Date Sampled: 11/09/06

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

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

Client Sample ID: NLVK-2-04

Lab Sample ID: Matrix:

J46310-13 AIR - Air

Date Sampled: 11/09/06

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

						_	
Analyte	Result	\mathbf{RL}	Units	DF	Analyzed	By	Method

Sample Weight

0.3241

g/filter

11/18/06

ESJ ACCUTEST

Page 1 of 1

Client Sample ID: NLVK-2-05

Lab Sample ID: Matrix:

J46310-14 AIR - Air

Date Sampled: 11/09/06

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

ACCUTEST **ESJ**

Page 1 of 1

Client Sample ID: NLVK-3-01

Lab Sample ID: Matrix:

J46310-15 AIR - Air

Date Sampled: 11/10/06 **Date Received:** 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

Analyte

Result

RL

Units

DF

Analyzed

By Method

Sample Weight

0.1944

g/filter

1

11/18/06

ACCUTEST ESJ

Page 1 of 1

Client Sample ID: NLVK-3-01

Lab Sample ID:

J46310-15A

Date Sampled: 11/10/06

Matrix:

AIR - Air

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

Analyte

Result

RL

Units

DF

Analyzed

Method By

Sample Weight

0.09830

g/filter

11/18/06

ACCUTEST

RL = Reporting Limit

: DODEL

Page 1 of 1

Report of Analysis

Client Sample ID: NLVK-3-01 Lab Sample ID:

Matrix:

J46310-15B AIR - Air

Date Sampled: 11/09/06

Percent Solids: n/a

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	$\mathbf{B}\mathbf{y}$	Method
Sample Weight	0.1106		g/filter	1	11/18/06	ESJ	ACCUTEST

Page 1 of 1

Client Sample ID: T11A-3-01 Lab Sample ID:

J46310-16

Matrix:

AIR - Air

Date Sampled: 11/09/06

Percent Solids: n/a

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

General Chemistry

Analyte Result RLUnits DF Analyzed By Method

Sample Weight 0.05000 g/filter 11/18/06 1 ACCUTEST ESJ

Page 1 of 1

Client Sample ID: NLVK-3-02

Lab Sample ID: Matrix:

J46310-17 AIR - Air

Date Sampled: 11/10/06

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

Analyte

Result

RL

Units

DF

Analyzed

By Method

Sample Weight

0.04060

g/filter

1

11/18/06

ACCUTEST ESJ

Page 1 of 1

Client Sample ID: NLVK-3-02

Lab Sample ID:

J46310-17A

Date Sampled: 11/10/06

Matrix:

AIR - Air

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

Analyte

Result

RL

Units

DF

Analyzed

 $\mathbf{B}\mathbf{y}$ Method

Sample Weight

0.1430

g/filter

1

11/18/06

ESJ ACCUTEST

RL = Reporting Limit

: 00068

Page 1 of 1

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

Method By

Sample Weight

0.1543

g/filter

11/18/06

ESJ ACCUTEST

RL = Reporting Limit

Page 1 of 1

Client Sample ID: A28-3-01

Lab Sample ID:

J46310-18

AIR - Air

Date Sampled: 11/09/06 Date Received: 11/11/06

Percent Solids: n/a

Project:

Matrix:

GE Loeffel, Nassau, NY

General Chemistry

Analyte

Result

RL

Units

DF

Analyzed

Method By

Sample Weight

0.1394

g/filter

1

11/18/06

ACCUTEST ESJ

Page 1 of 1

Client Sample ID: A28-3-02

Lab Sample ID: J46310-19 Matrix: AIR - Air

Date Sampled: 11/09/06 **Date Received:** 11/11/06

Percent Solids: n/a

Project:

GE Loeffel, Nassau, NY

1.01

General Chemistry

Analyte Result RL Units DF Analyzed By Method

Sample Weight 0,1908 g/filter 1 11/18/06 ESJ ACCUTEST

Page 1 of 1

Client Sample ID: DUP-1-01

Lab Sample ID:

J46310-20

Date Sampled: 11/09/06

Matrix:

AIR - Air

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	$\mathbf{B}\mathbf{y}$	Method
Sample Weight	0.1233		g/filter	1	11/18/06	ESJ	ACCUTEST

Client Sample ID: DUP-1-02

Lab Sample ID:

J46310-21

Date Sampled: 11/09/06

Matrix:

AIR - Air

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

Analyte

Result

RL

Units

DF

Analyzed

Method By

Sample Weight

0.1283

g/filter

1

11/18/06

ESJ ACCUTEST

Page 1 of 1

Client Sample ID: NL/VK-1-01

Lab Sample ID: Matrix:

J46310-22

AIR - Air

Date Sampled: 11/09/06

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

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

Page 1 of 1

Client Sample ID: A28-1-01

Lab Sample ID:

J46310-23

Date Sampled: 11/10/06

Matrix:

AIR - Air

Date Received: 11/11/06

Project:

GE Loeffel, Nassau, NY

Percent Solids: n/a

General Chemistry

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

Page 1 of 1

Client Sample ID: T-11A-1-01

Lab Sample ID:

J46310-24

AIR - Air

Date Sampled: 11/10/06

Date Received: 11/11/06

Percent Solids: n/a

Project:

Matrix:

GE Loeffel, Nassau, NY

General Chemistry

Analyte

Result

RL

Units

DF

Analyzed

Method $\mathbf{B}\mathbf{y}$

Sample Weight

0.1684

g/filter

1

11/18/06

ACCUTEST **ESJ**

RL = Reporting Limit

EN97520 FLIWIT drud to constant wt at 104°C

	·····			_			T	Γ.	Т		_	_	_	Γ.	_	_	_	I		Γ-	Γ		_					_	_	_		
	Wton	filter			0.1064	0.2106	0.2105	0.1345	0.0969	0.1248	0.1307	0.1096	0.3816	0.3606	0.4468	0.3238	0.3808	0.1939	0.0983	0.1103	0.0501	0.0406	0.143	0.1543	0.1394	0.1903	0.1234	0.1283	-0.0043	-0.0107	0.1685	
		Filter Tare Weight in g			1.4183	1.3968	1.4096	1.398	1.412	1.4008	1.3855	1.4295	1.4003	1.3963	1.3965	1.405	1.3918	1.4113	1.4174	1.4178	1.4088	1.4121	1.4124	1.3817	1.4116	1.4061	1.4141	1.4016	1.4033	1.3968	1.4001	
	Constant	Weight			1.5247	1.6074	1.6201	1.5325	1.5089	1.5256	1.5162	1.5391	1.7819	1.7569	1.8433	1.7288	1.7726	1.6052	1.5157	1.5281	1.4589	1.4527	1.5554	1.536	1.551	1.5964	1.5375	1.5299	1.399	1.3861	1.5686	
-	38	Redny?			ACDRY	ş	PEDRY	PEDRY	REDRY	REDRY	ş	Š	Š	*******	REDRY	OK	Š	Š	-REDRY	9 X	Š	-REDRY	REDRY	REDRY	REDRY	OK	OK	OK	REDRY	SK.	OK K	
	3rd dry - filter in	5				1.6074					1.5162	1.5391	1.7819			1.7288	1.7726	1.6052		1.5281	1.4589					1.5964	1.5375	1.5299		1.3861	1.5686	
		Redry?			š	REDRY	š	š	š	š	REDRY	REDRY	REDRY	š	š	REDRY	REDRY	REDRY	Š	REDRY	REDRY	ÖK	OK	OK	Š	REDRY	REDRY	REDRY	OK S	REDRY	REDRY	
	2nd drv - filter in				1.5247	1.6077	1.6201	1.5325	1.5089	1.5256	1.5158	1.5393	1.782	1.7569	1.8433	1.7291	1.7731	1.6057	1.5157	1.5284	1.4588	1.4527	1.5554	1.536	1.551	1.5969	1.5374	1.5299	1.399	1.3859	1.5685	
	1st drv - filter in	_			1.5247	1.6084	1.6203	1.5328	1.5092	1.526	1.5166	1.5409	1.7843	1.7571	1.8436	1.7306	1.7742	1.6074	1.516	1.5339	1.4527	1.4527	1.5555	1.5362	1.5514	1.5975	1.5384	1.5307	1.3992	1.3895	1.5697	
	Fitter ID (142mm, 0.7 um		Date/Time	Temp	A0710-7	A0707-2	A0707-1	A0707-3	A0710-8	A0710-9	A0707-17	A0707-16	A0710-10	A0710-11	A0710-13	A0710-12	A0710-14	A0707-11	A0710-16	A0711-10	A0710-15	A0707-10	A0710-17	A0711-9	A0710-18	A0710-19	A0710-20	A0707-20	A0707-19	A0707-18	A0707-4	
		Sample ID			J46310-1	J46310-2	J46310-3	J46310-4	J46310-6	j46310-7	146310-8	146310-9	J46310-10	J46310-11	J46310-12	J46310-13	346310-14	J46310-15	J46310-15A	J46310-15E	146310-16	J46310-17	J46310-17A	J46310-17B	J46310-18	346310-19	J46310-20	J46310-21	J46310-22	J46310-23	J46310-24	

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Wton	filter			0.1064	0.2109	0.2105	0.1345	0.0969	0.1248	0.1303	0.1098	0.3817	0.3606	0.4468	0.3241	0.3813	0.1944	0.0983	0.1106	0.05	0.0406	0.143	0.1543	0.1394	0.1908	0.1233	0.1283	-0.0043	-0.0109	0.1684
	Filter Tare Weight in g			1.4183	1.3968	1.4096	1.398	1.412	1.4008	1.3855	1.4295	1.4003	1.3963	1.3965	1.405	1.3918	1.413	A 47.4 B	1.4178	1.4088	E 4121	1.4124	13817	1.4116	1.4061	1.4141	1.4016	1.4033	1.3968	1.4001
Constant	Weight			1.5247	1.6077	1.6201	1.5325	1.5089	1.5256	1.5158	1.5393	1.782	1.7569	1.8433	1.7291	1.7731	1.6057	1.5157	1.5284	1.4588	1.4527	1.5554	1.536	1.551	1.5969	1.5374	1.5299	1.399	1.3859	1.5685
	Redny?			REDRY	REDRY	REDRY	REDRY	REDRY	REDRY	REDRY	REDRY	REDRY	REDRY	REDRY	REDRY	REDRY	REDRY	REDRY	REDRY	REDRY	REDRY	REDRY								
3rd dry - filter in	ğ																													
	Redny?			š	REDRY	Š	Ö	OK	OK	REDRY	REDRY	REDRY	ŏ	ŏ	REDRY	REDRY	REDRY	OK	REDRY	REDRY	Š	УО	Š	ŏ	REDRY	REDRY	REDRY	OK	REDRY	REDRY
2nd dry - filter in	g			1.5247	1.6077	1.6201	1.5325	1.5089	1.5256	1.5158	1.5393	1.782	1.7569	1.8433	1.7291	1.7731	1.6057	1.5157	1.5284	1.4588	1.4527	1.5554	1.536	1.551	1.5969	1.5374	1.5299	1.399	1.3859	1.5685
1st dry - filter in	g			1.5247	1.6084	1.6203	1.5328	1.5092	1.526	1.5166	1.5409	1.7843	1.7571	1.8436	1.7306	1.7742	1.6074	1.516	1.5339	1.4527	1.4527	1.5555	1.5362	1.5514	1.5975	1.5384	1.5307	1.3992	1.3895	1.5697
Filter ID (142mm, 0.7 um		Date/Time	Temp	A0710-7	A0707-2	A0707-1	A0707-3	A0710-8	A0710-9	A0707-17	A0707-16	A0710-10	A0710-11	A0710-13	A0710-12	A0710-14	A0707-11	A0710-16	A07.11-10"	A0710-15	A0707-10	A0710-17	A0711-9	A0710-18	A0710-19	A0710-20	A0707-20	A0707-19	A0707-18	A0707-4
	Sample ID			146310-1	146310-2	J46310-3	146310-4	146310-6	j46310-7	J46310-8	146310-9	J46310-10	146310-11	J46310-12	J46310-13	J46310-14	J46310-15	J46310-15A	J46310=15日	146310-16	346310-17	746310-17A	J46310-17E	J46310-18	J46310-19	J46310-20	J46310-21	J46310-22	J46310-23	J46310-24

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FILTER WEIGHT - TO CONSTANT WEIGHT AT 104. $6 \sqrt{97520}$

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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	11,5347		OK		OK.	0	1.4183	-1.4183
J46310-2	A0707-2	1.0084		УO		ÖK	0	1.3968	-1.3968
J46310-3	A0707-1	1. 4203 1	C338	OK		ð	0	1.4096	-1.4096
J46310-4	A0707-34891	1 1.83.81	360	OK		OK	0	1.398	-1.398
J46310-6	A0710-8	1,5092) yo		OK	0	1.412	-1.412
j46310-7	A0710-9	09851		ХО		OK	0	1,4008	-1.4008
J46310-8	A0707-17	11.5100		NO		ð	0	1.3855	-1.3855
J46310-9	A0707-16	1.5409		OK		χŏ	0	1.4295	-1.4295
J46310-10	A0710-10	1.7843		УO		Š	0	1.4003	-1.4003
J46310-11	A0710-11	1525 :		УO		OK	0	1.3963	-1.3963
J46310-12	A0710-13	11.8136		УО		УO	0	1.3965	-1.3965
346310-13	A0710-12	12		УО		УO	0	1.405	-1.405
J46310-14	A0710-14	CPC1 11		жо		УO	0	1.3918	-1.3918
J46310-15	A0707-11	1. 6074		УO		УО	0	1.4113	-1.4113
J46310-15A	A0710-16	1.5160		ЖО		ЖO	0	1,4174	-1.4174
J46310-15B	A0711-10	11,5339		OK		уо	0	1.4178	-1.4178
J46310-16	A0710-15	1,4527		OK		λO	0	1.4088	-1.4088
J46310-17	A0707-10	1,4527		OK		УÓ	0	1.4121	-1.4121
J46310-17A	A0710-17	1.5556		OK		OK	0	1.4124	-1.4124
J46310-17B	A0711-9	11.5300		OK		ΟK	0	1.3817	-1.3817
J46310-18	A0710-18	1.5514		ЖО		УO	0	1.4116	-1.4116
J46310-19	A0710-19	5265%		ò		OK	0	1.4061	-1.4061
J46310-20	A0710-20	1.5384		ЖО		УO	0	1.4141	-1.4141
J46310-21	A0707-20	1,5307		OK		οK	0	1.4016	-1.4016
J46310-22	A0707-19	1,3992		δK		χ	0	1.4033	-1.4033
J46310-23	A0707-18	1.3895		OK		OK	0	1.3968	-1.3968
J46310-24	A0707-4	1. 52097		ÖK		Š	0	1.4001	-1.4001
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		Filter ID					
		(142mm, 0.7 um	1st dry - filter in	2nd dry - filter in		3rd dry - filter in	
	Sample ID	pore size)	g	g	Redry?	g	Redry?
		Date/Time	_				
		Temp					
	J46310-1	A0710-7	1.5247	15247	REDRY		OK
	J46310-2	A0707-2	1.6084	1.6077	REDRY		OK
	J46310-3	A0707-1	1.6203	10601	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
4	J46310-8	A0707-17	1.5166	1.5158	REDRY		OK
0	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
٠	J46310-14	A0710-14	1.7742	1,7731	REDRY		OK
•	J46310-15	¥ ≰5A0707-11	1.6074	1.6057	REDRY		OK
	J46310-15	A0710-16	1.516	1.5157	REDRY		OK
•	J46310-15	ζ A0711-10	1.5339	1.5284	REDRY		OK
•	J46310-16	A0710-15	1.4527	1.4588	REDRY		OK
	J46310-17		1.4527	1,4527	REDRY		OK
		3A 80A0710-17	1.5555	1,5554	REDRY		OK
	J46310-17		1.5362	1,5360	REDRY		OK_
	J46310-18	A0710-18	1. <u>5</u> 514	1,5510	REDRY		OK
•	J46310-19	A0710-19	1.5975	1,5969	REDRY	_	OK
٠,	J46310-20	A0710-20	1.5384	1,5374	REDRY		OK
•	J46310-21	A0707-20	1.5307	1.8299	REDRY		OK
	J46310-22	A0707-19	1.3992	1,3990	REDRY		OK
F	J46310-23	A0707-18	1.3895	1,3859	REDRY		OK
٠ [J46310-24	A0707-4	1.5697	1.5485	REDRY		OK