



KeySpan Energy
445 Broadhollow Road
Melville, NY 11747

Express Mail

June 9, 2000

Mr. Shaminder Singh
New York State Department
Of Environmental Conservation -Region 2
47-40 21st Street
Long Island City, New York 11101

OCT 10 2001

RE: Edgemere Substation-Voluntary Clean-up Agreement: Index Number R2-330-98-01

In accordance with the approved Work Plan for Site Remediation at the Edgemere Substation dated December 1997, please find attached the third and fourth round quarterly groundwater sampling results. We apologize for not submitting the third round of quarterly groundwater results in a timely manner.

The groundwater wells were sampled by KeySpan Energy's contractor Fenley & Nicol Environmental, located in Deer Park, NY. The groundwater sampling was conducted in accordance with the approved Post Remediation Groundwater Monitoring Plan dated, August 1998. The following information is provided.

- Monitoring well sampling field summary.
- Laboratory data sheets.
- Site Plan showing the location of the four monitoring wells.

This completes the required groundwater sampling for this site. If you have any questions, please contact me at (631)391-6138.

Sincerely,

Thomas J. Campbell
Environmental Risk Management Department

tjc/

Attachments

Third Round of Quarterly Groundwater Monitoring

FG-10415.1

CHAIN OF CUSTODY RECORD FORM

No. _____

FROM: Long Island Lighting Company
 Environmental Engineering Department
 445 Broad Hollow Road
 Melville, NY 11747

TO: Keyspan Energy Laboratory

You are authorized to perform the analysis requested below and return report on same
 to Tom Campbell at the above address.

Sampling Number	Location	Date	Time	SAMPLE (✓) ONE			Number of Containers	Analysis Required
				TYPE		Air		
				Grab	Comp.			
MW-1	Former Elgenere Sub.	2/7/00		liquid			3	total Pb + Benzene
MW-2							3	1-500 ml For Pb
MW-3							3	2-VOA's
MW-4							3	For Benzene
MW-4 dup							2	from each well
MW-4 spike							2	
Field blank			9:00				2	
equipment blank			7:00				2	

LONG ISLAND LIGHTING COMPANY

RELEASED BY - (Signature) James Kowalski EMPLOYEE No. _____ DATE 2/7/00 TIME 02:55 PM

TRANSPORT CARRIER

RECEIVED BY - (Signature) _____ COMPANY NAME _____ DATE _____ TIME _____

LABORATORY

RECEIVED BY - (Signature) Sarah LoCaro DATE 2/7/00 TIME 2:55 PM

- WHITE - Original - Vendor Copy
- CANARY - Duplicate - Vendor Copy - Return with report
- PINK - Triniclate - Transport Carrier Copy



System Laboratory - Glenwood

400 Shore Road
Glenwood Landing, NY 11547
ELAP Lab ID # 10107
(516) 759-9578

Analysis Report
15-Feb-00
Page

Order ID: GL0002053

Matrix: Water

Customer: Environmental Engineering Department

Comment: Results to T. Campbell - Edgemere Sub

T. Campbell
445 Broadhollow Road
Melville, NY 11747

Project: SITE INVESTIGATION

Sample #	Label ID #	Sample Date	Sample Location	MW -1	Parameter	Result	Method
GL0002053-07		2/27/00			Lead (Pb) **	<0.005	EPA 200.7

Sample #	Label ID #	Sample Date	Sample Location	MW -2	Parameter	Result	Method
GL0002053-08		2/27/00			Lead (Pb) **	<0.005	EPA 200.7

Sample #	Label ID #	Sample Date	Sample Location	MW -3	Parameter	Result	Method
GL0002053-09		2/27/00			Lead (Pb) **	<0.005	EPA 200.7

Sample #	Label ID #	Sample Date	Sample Location	MW -4	Parameter	Result	Method
GL0002053-10		2/27/00			Lead (Pb) **	0.007	EPA 200.7

Sample #	Label ID #	Sample Date	Sample Location	Equip. Blank	Parameter	Result	Method
GL0002053-11		2/27/00			Lead (Pb) **	<0.005	EPA 200.7

Sample #	Label ID #	Sample Date	Sample Location	Field Blank	Parameter	Result	Method
GL0002053-12		2/27/00			Lead (Pb) **	<0.005	EPA 200.7

Distribution:

Environmental Engineering Department, T. Campbell

NE = No Entry

ND = Not Detected

** = ELAP Certified Parameter

Approved: 
 Kenneth A. Yager, Laboratory Director



System Laboratory - Glenwood

Analysis Report

400 Shore Road
Glenwood Landing, NY 11547
ELAP Lab ID # 10197
(516) 766-9516

Printed: 17-Feb-00
Page 1

Order ID: GL0002053

Customer: Environmental Engineering Department
T. Campbell

Comment: Results to T. Campbell

Matrix: Water

445 Broadhollow Road
Melville, NY 11747

Project: SITE INVESTIGATION

Sample #	Label ID #	Sample Date	Sample Location	Parameter	Result	Method
GL0002053-01		2/7/00	MW -1	Benzene **	0.700	SW 846: 8021
GL0002053-02		2/7/00	MW -2	Benzene **	< 0.2	SW 846: 8021
GL0002053-03		2/7/00	MW -3	Benzene **	< 0.2	SW 846: 8021
GL0002053-04		2/7/00	MW -4	Benzene **	< 0.2	SW 846: 8021
GL0002053-05		2/7/00	Equip Blank	Benzene **	< 0.2	SW 846: 8021
GL0002053-06		2/7/00	Field Blank	Benzene **	< 0.2	SW 846: 8021

Distribution:

Environmental Engineering Department, T. Campbell

NE = No Entry

ND = Not Detected

** = ELAP Certified Parameter

Approved:

Kenneth A. Yager, Laboratory Director

KeySpan Energy-Edgemere Substation
Fourth Round of Quarterly Groundwater Monitoring

CHAIN OF CUSTODY RECORD FORM

FROM: Long Island Lighting Company
 Environmental Engineering Department
 445 Broad Hollow Road
 Melville, NY 11747

No.

GL 0005137

TO: Keyspan Energy Laboratory

You are authorized to perform the analysis requested below and return report on same to _____ at the above address.

Sampling Number	Location	Date	Time	SAMPLE (✓) ONE			Number of Containers	Analysis Required
				TYPE		Air		
				Grab	Comp.			
MW-1	Ferris Edgemere St	5/23/00	2:45	liquid			3	total Pb + Benzene
MW-2			1:00				3	1-500 ml For Pb
MW-3			2:00				3	2-Vials for Benzene
MW-4			12:30				3	from each well
MW-4sp			12:30				2	
MW-4spike			12:30				2	
Field Blank			12:00				2	
Equipment Blank			12:00				2	

LONG ISLAND LIGHTING COMPANY

RELEASED BY - (Signature) James Kouvalis EMPLOYEE No. _____ DATE 5/23/00 TIME 3:30

TRANSPORT CARRIER

RECEIVED BY - (Signature) _____ COMPANY NAME _____ DATE _____ TIME _____

LABORATORY

RECEIVED BY - (Signature) Barbara LoCasio DATE 5/23/00 TIME 3:35

- WHITE - Original - Vendor Copy
- CANARY - Duplicate - Vendor Copy - Return with report
- PINK - TriPLICATE - Transport Carrier Copy

System Laboratory Certificate of Results

Customer Information

Company Name: Environmental Risk Management
Customer Contact: T. Campbell
Address: 445 Broadhollow Road
Melville NY 11747
Phone Number: Fax Number:
Customer PO:

Laboratory Acceptance

Collect Date and Time: 5/22/2000
Collector: South Mall Analytical Lab
Receive Date: 5/24/2000 7:29:28 AM
Approved By:
Report Date: 5/26/2000

<u>Matrix:</u> Water	<u>Sample ID:</u> GL0005137-01	<u>Customer Sample #:</u>
<u>Location:</u> MW-1		<u>Project ID:</u> Edgemere Substation

Parameters	Result	Qualifier	Comments
<u>Test:</u> Lead (Pb)	<u>Method:</u> EPA 200.7	<u>Analysis Date:</u> 5/24/2000	<u>D.F.:</u> 1
Lead (Pb) **	< 0.005 mg/L		

<u>Test:</u> Benzene	<u>Method:</u> SW 846; 8021	<u>Analysis Date:</u> 5/24/2000	<u>D.F.:</u> 1
Benzene **	< 0.2 µg/L		

<u>Matrix:</u> Water	<u>Sample ID:</u> GL0005137-02	<u>Customer Sample #:</u>
<u>Location:</u> MW-2		<u>Project ID:</u> Edgemere Substation

Parameters	Result	Qualifier	Comments
<u>Test:</u> Lead (Pb)	<u>Method:</u> EPA 200.7	<u>Analysis Date:</u> 5/24/2000	<u>D.F.:</u> 1
Lead (Pb) **	< 0.005 mg/L		

<u>Test:</u> Benzene	<u>Method:</u> SW 846; 8021	<u>Analysis Date:</u> 5/24/2000	<u>D.F.:</u> 1
Benzene **	< 0.2 µg/L		

<u>Matrix:</u> Water	<u>Sample ID:</u> GL0005137-03	<u>Customer Sample #:</u>
<u>Location:</u> MW-3		<u>Project ID:</u> Edgemere Substation

Parameters	Result	Qualifier	Comments
<u>Test:</u> Lead (Pb)	<u>Method:</u> EPA 200.7	<u>Analysis Date:</u> 5/24/2000	<u>D.F.:</u> 1
Lead (Pb) **	< 0.005 mg/L		

<u>Test:</u> Benzene	<u>Method:</u> SW 846; 8021	<u>Analysis Date:</u> 5/24/2000	<u>D.F.:</u> 1
Benzene **	< 0.2 µg/L		

**System Laboratory
Certificate of Results**

Customer Information

Company Name: Environmental Risk Management
Customer Contact: T. Campbell
Address: 445 Broadhollow Road
Melville NY 11747
Phone Number: Fax Number:
Customer PO:

Laboratory Acceptance

Collect Date and Time: 5/22/2000
Collector: South Mall Analytical Lab
Receive Date: 5/24/2000 7:29:28 AM
Approved By:
Report Date: 5/26/2000

<u>Matrix:</u> Water	<u>Sample ID:</u> GL0005137-04	<u>Customer Sample #:</u>	
<u>Location:</u> MW-4		<u>Project ID:</u> Edgemere Substation	
Parameters	Result	Qualifier	Comments

<u>Test:</u> Lead (Pb)	<u>Method:</u> EPA 200.7	<u>Analysis Date:</u> 5/24/2000	<u>D.F.:</u> 1
Lead (Pb) **	< 0.005 mg/L		
<u>Test:</u> Benzene	<u>Method:</u> SW 846; 8021	<u>Analysis Date:</u> 5/24/2000	<u>D.F.:</u> 1
Benzene **	< 0.2 µg/L		

<u>Matrix:</u> Water	<u>Sample ID:</u> GL0005137-05	<u>Customer Sample #:</u>	
<u>Location:</u> Field Blank		<u>Project ID:</u> Edgemere Substation	
Parameters	Result	Qualifier	Comments

<u>Test:</u> Lead (Pb)	<u>Method:</u> EPA 200.7	<u>Analysis Date:</u> 5/24/2000	<u>D.F.:</u> 1
Lead (Pb) **	0.011 mg/L		
<u>Test:</u> Benzene	<u>Method:</u> SW 846; 8021	<u>Analysis Date:</u> 5/24/2000	<u>D.F.:</u> 1
Benzene **	< 0.2 µg/L		

<u>Matrix:</u> Water	<u>Sample ID:</u> GL0005137-06	<u>Customer Sample #:</u>	
<u>Location:</u> Equip Blank		<u>Project ID:</u> Edgemere Substation	
Parameters	Result	Qualifier	Comments

<u>Test:</u> Lead (Pb)	<u>Method:</u> EPA 200.7	<u>Analysis Date:</u> 5/24/2000	<u>D.F.:</u> 1
Lead (Pb) **	< 0.005 mg/L		
<u>Test:</u> Benzene	<u>Method:</u> SW 846; 8021	<u>Analysis Date:</u> 5/24/2000	<u>D.F.:</u> 1
Benzene **	< 0.2 µg/L		

**System Laboratory
Certificate of Results**Customer Information

Company Name: Environmental Risk Management
Customer Contact: T. Campbell
Address: 445 Broadhollow Road
Melville NY 11747
Phone Number: Fax Number:
Customer PO:

Laboratory Acceptance

Collect Date and Time: 5/22/2000
Collector: South Mall Analytical Lab
Receive Date: 5/24/2000 7:29:28 AM
Approved By:
Report Date: 5/26/2000

Sample Comment:

SAMPLE CONDITION RECORD

Are samples submitted with a chain of custody? Yes
Are the number of samples as stated on the a chain of custody? Yes
Are bottle capes tight and securely in place? Yes
Were all containers intact when received? Yes
Were samples submitted in an ice chest? Yes
Were samples received cold? Yes
Were samples within the holding time for the requested test(s)? Yes
Is the volume of sample submitted sufficient for the requested test(s)? Yes
Are all samples for volatile organic analyses free of headspaces? Yes

Qualifiers: U - Indicates compound was analyzed for but not detected.
D - Diluted
B - Indicates that compound was found in associated blank as well as in the sample.
UD - Indicates diluted compound was analyzed for but not detected.
J - Indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero (0).
E - Exceeds calibration range, dilution to follow.
S - QC criteria was not met for matrix spike recovery.

Comments: All solid sample results are reported on a dry weight basis, unless otherwise noted.
Site: Edgemere Substation Groundwater Samples

ND - Not Detected NA - Not Analyzed

Laboratory results shall not be reproduced except in full, without written approval of the Laboratory.
Results relate only to the sample "As Received" by the laboratory.


Certification Signature

KEYSPAN

From The Desk Of:

Thomas J. Campbell

445 Broadhollow Road
Melville New York 11747
631 391-6138

10/10/01

Shaminder,

Please give me a call after you have looked
at the data. Thanks

Tom



OUR CORPORATE VALUES

- Respect For Diversity • Integrity and Trust • Open Communication • Teamwork
- Leadership at All Levels • Unparalleled Customer Service • Community Commitment