

GENEVA BORDER CITY
GEM370CG
SUBJECT: SOIL CONTAMINATION

201 Willowbrook Boulevard
P.O. Box 290
Wayne, NJ 07470
201 785-0700
212 926-2878
Telex 133-541

Woodward-Clyde Consultants

6 November 1984
84C4048-A

Mr. James B. Marean
New York State Electric and Gas Corp.
87-89 Chenango Street
Binghamton, New York 13902

Dear Mr. Marean:

This report presents the results of our third investigation at the New York State Electric and Gas (NYSEG) Geneva Service Center. The work was performed on 21 September 1984 in accordance with our letter of proposal dated 11 September 1984. During the field investigation a WCC geologist observed, logged, measured organic vapor levels, and collected soil samples from 7 shallow auger borings. This work was initiated in order to assess the subsurface conditions along the alignment of a proposed sanitary sewer connection between the Geneva Service Center and the new city sanitary sewer line. Of particular concern was whether contaminants were present in the soils and what impact they would have during construction of the sewer line.

The boring locations were concentrated in the southern end of the alignment where it was thought they would most likely encounter contaminants. These locations were chosen based on inspection of an old air photo and conversations with plant personnel regarding areas of activity during operation of the former coal gasification facility. Figure 1 shows the boring locations (B-15 through B-21).

RESULTS

The soil types encountered were variable and included clays, silts, sands, gravels, and cobbles. In general, it is felt that the southern borings (B-15 through B-18) encountered predominantly fill material which included some bricks and coal. As expected, the northern borings, for the most part,



6 November 1984
84C4048-A

Page 2

encountered in-place soils, with an occasional thin veneer of fill material. Copies of the boring logs are contained in Appendix A.

The laboratory test results indicate that the contamination seems to be limited to the area near borings B-15 through B-18. The highest levels were encountered in B-16 where the total concentration of tested compounds was approximately 2,250 ppm. Organic vapor readings taken on the air with in this boring reached a maximum of 0.5 ppm. The laboratory test results are contained in Appendix B.

RECOMMENDATIONS

We (WCC) do not foresee any major problem with construction of the sanitary sewer line as described above. However, we do recommend that certain procedures be followed to maximize worker safety and to minimize any future problems associated with the compounds detected.

We recommend that the ambient organic vapor levels be monitored during construction of the sanitary sewer line. If the levels exceed the prevailing OSHA codes, then precautions (respirators) should be taken. We feel that a conservative approach would be to assume that all readings are due to benzene and follow the applicable regulations for benzene. We believe this to be a reasonable assumption as benzene is probably the most volatile compound that will be encountered. Based on the limited data collected, we expect that the levels encountered will be well below the maximum and will not hinder construction.

In addition, we recommend that steps be taken to minimize physical contact of personnel with soils which may contain coal tars. The equipment required is inexpensive (gloves, boots, safety glasses, and coveralls). It is more important that instruction and supervision are provided to insure that simple precautions are taken.

6 November 1984
84C4048-A

Page 3

It may be to NYSEG's advantage to stockpile on-site any contaminated soils encountered during excavation. While we do not expect any of these soils to be classified as hazardous waste, they may fall under the category of industrial waste. It would be unfortunate to have to re-excavate this material if some action is taken at a later date. An alternative to stockpiling contaminated soils would be to have them properly disposed of at the time of excavation.

If we can be of any further service or answer any questions, please do not hesitate to call.

Very truly yours,



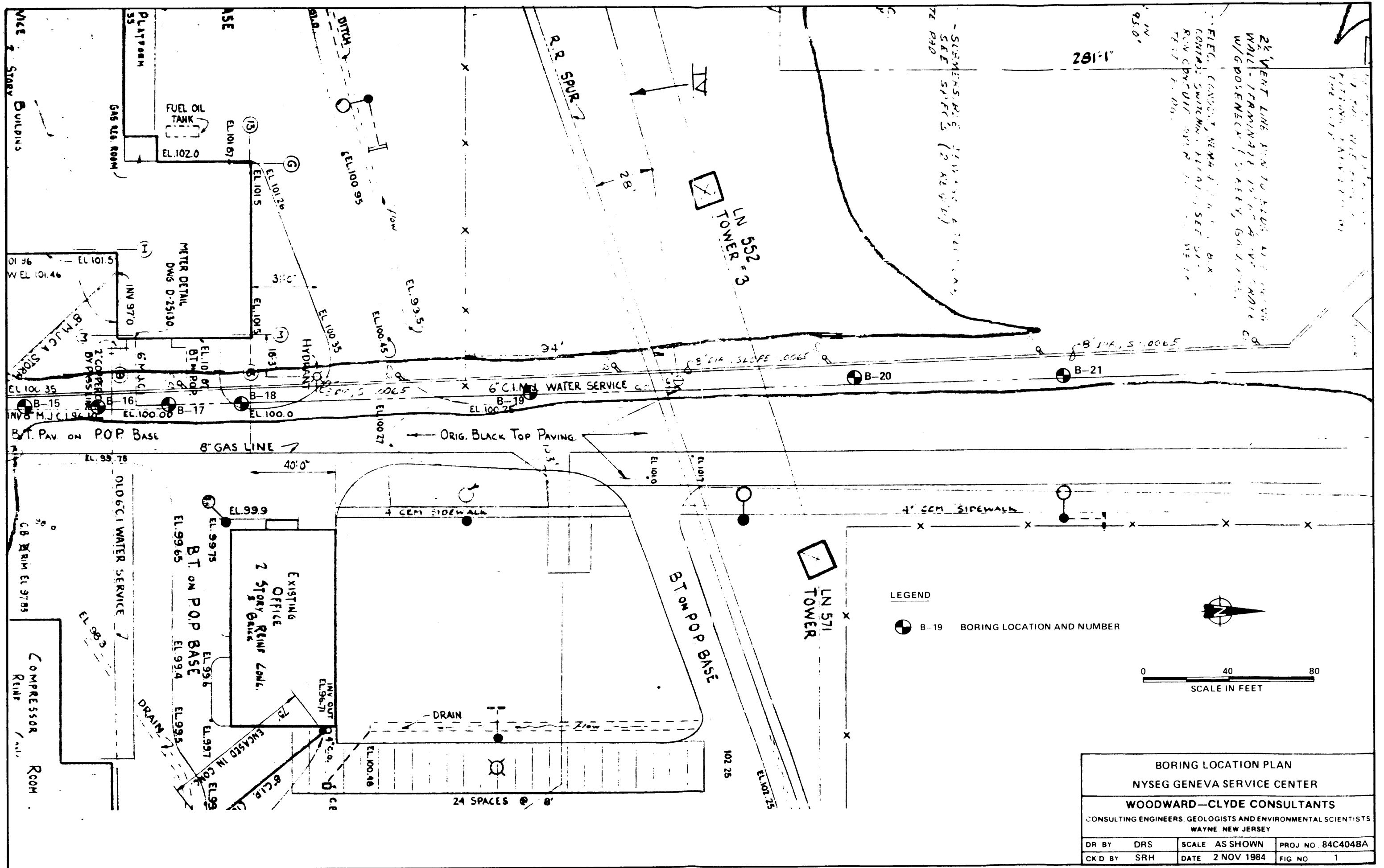
Steffan R. Helbig
Assistant Project Geologist



Donald R. Ganser
Associate

SRH/DRG:js

DI035/206



APPENDIX A

BORING LOGS

LOG OF BORING B-15

SHEET 1 OF 1

PROJECT AND LOCATION NYSEG Geneva, N.Y. 20' N of Manhole		ELEVATION AND DATE —		PROJECT NO. B4C4048	
DRILLED BY NYSEG		DATE STARTED 21 Sept. 1984		DATE FINISHED 21 Sept. 1984	
EQUIPMENT Power Auger		EXPLORER DEPTH 7 ft		CORE DEPTH —	
SIZE AND TYPE OF BIT 1.5' Auger		SIZE AND TYPE OF CORE BARREL N/A		NO. SAMPLES 1	
CASING N/A		DEPTH LEVEL 3.5'		DEPTH —	
CASING HAMMER - WEIGHT - DROP -		SAMPLER HAMMER AND DIRECTION Vertical		SAMPLER S. Helbig	
SAMPLER N/A		SAMPLER HAMMER - WEIGHT - DROP -			

DESCRIPTION	DEPTH, FT.	Organic Matter % by Weight	pH	REMARKS
Grass, Topsoil				
Brown SAND, Some Gravel, Sl. Moist	1	0.0		
	2			
Brown Dense GRAVEL with some Cobbles (Bricks) Sl. Moist	3	0.0	∇	
	4			
Brown Clayey SILT with Some Gravel, Wet	5	0.0		
	6			
	7			
	8			
	9			
	10			
	11			
	12			
	13			
	14			
	15			
	16			
	17			
	18			
	19			

LOG OF BORING B-16

SHEET 1 OF 1

PROJECT AND LOCATION NYSEG Geneva, N.Y. 53' N. of Manhole		ELEVATION AND DATE —		PROJECT NO. 84CA048	
DRILLER/AGENCY NYSEG		DATE STARTED 21 Sept. 1984		DATE FINISHED 21 Sept. 1984	
DRILLING EQUIPMENT Power Auger		COMPLETION DEPTH 5 ft.		BORE DEPTH —	
SIZE AND TYPE OF BIT 1.5" Auger	SIZE AND TYPE OF CASE DRILL N/A	NO. SAMPLES 1	DEPTH —	AGENCY —	DATE —
CASING N/A	WEIGHT —	DEPTH LEVEL —	DEPTH —	DEPTH —	DEPTH —
CASING HAMMER —	WEIGHT —	DIRECTION AND DESCRIPTION Vertical			
SAMPLER N/A	WEIGHT —	DIRECTION AND DESCRIPTION S. Helbig			
SAMPLER HAMMER —	WEIGHT —	DIRECTION AND DESCRIPTION S. Helbig			
DESCRIPTION	DEPTH, FT.	Organic Matter Analysis Readings	REMARKS		
Grass Topsoil	1	0.0	Sl. Odor.		
Brown Silty SAND, Minor Gravel, Cobbles, Occ. Coal Sl. moist.	2				
	3				
	4	0.5			
	5				
	6				
	7				
	8				
	9				
	10				
	11				
	12				
	13				
	14				
	15				
	16				
	17				
	18				
	19				

WOODWARD-CLYDE CONSULTANTS
 CONSULTING ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SCIENTISTS

LOG OF BORING.....B-17.....

SHEET 1 OF 1

PROJECT AND LOCATION NYSEG Geneva, N.Y. 25.5' N. of Manhole		ELEVATION AND DATE —		PROJECT NO. 84CA048	
DRILLED BY NYSEG		DATE STARTED 21 Sept. 1984		DATE FINISHED 21 Sept. 1984	
EQUIPMENT Power Auger		EXPLORER DEPTH 6.5 ft.		PILE DEPTH —	
SIZE AND TYPE OF BIT 1.5' Auger	SIZE AND TYPE OF CORE BARREL N/A	NO. SAMPLES 1	DEPTH 3.5	DEPTH —	DEPTH —
CASING N/A	CASING HAMMER - WEIGHT - DROP -	DIRECTION AND DIRECTION Vertical S. Helbig			
SAMPLER N/A	SAMPLER HAMMER - WEIGHT - DROP -				

DESCRIPTION	DEPTH, FT.	Organic Matter Analyses Readings	REMARKS
Grass, Dark Brown Topsoil	1	0.0	
Brown Sandy GRAVEL	2		
	3		
	4	0.0	∇
	5		
	6		
	7		
	8		
	9		
	10		
	11		
	12		
	13		
	14		
	15		
	16		
	17		
	18		
	19		

LOG OF BORING B-18

SHEET 1 OF 1

PROJECT AND LOCATION NYSEG Geneva, N.Y. 139.5' N. of Manhole		ELEVATION AND DATE —		PROJECT NO. 84CA048	
DRILLER/AGENCY NYSEG		DATE STARTED 21 Sept. 1984		DATE FINISHED 21 Sept. 1984	
DRILLING EQUIPMENT Power Auger		COMPLETION DEPTH 7 ft		RIGID DEPTH —	
SIZE AND TYPE OF BIT 1.5' Auger	SIZE AND TYPE OF CORE BARREL N/A	NO. SAMPLES 2	DEPTH —	DEPTH —	DEPTH —
CASING N/A	WEIGHT —	DEPTH LEVEL 5'	DEPTH —	DEPTH —	DEPTH —
CASING HAMMER —	WEIGHT —	BOND ANGLE AND DIRECTION Vertical			
SAMPLER N/A	WEIGHT —	OPERATOR S. Helbig			
SAMPLER HAMMER —	WEIGHT —	DROP —			

DESCRIPTION	DEPTH, FT	Organic Matter Analysis Readings	REMARKS
Grass, Topsoil			
Brown Silty SAND, Minor Gravel, tr. Clay. Sl. moist	1	0.0	● Sample B-18A
	2		
	3		
Black Sandy GRAVEL Sl. moist	4		Sl. Odor? ● Sample B-18B
Brown CLAY, tr. silt Wet	5	0.0	∇
	6		
	7		
	8		
	9		
	10		
	11		
	12		
	13		
	14		
	15		
	16		
	17		
	18		
	19		

WOODWARD-CLYDE CONSULTANTS
 CONSULTING ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SCIENTISTS

LOG OF BORING B-19

SHEET 1 OF 1

PROJECT AND LOCATION NYSEG Geneva, N.Y. 29' N of Fence		ELEVATION AND DATE —		PROJECT NO. 84CA048	
DRILLING AGENCY NYSEG		DATE STARTED 21 Sept. 1984		DATE FINISHED 21 Sept. 1984	
DRILLING EQUIPMENT Power Auger		COMPLETION DEPTH 6.5 ft		TEST DEPTH —	
SIZE AND TYPE OF BIT 1.5" Auger	SIZE AND TYPE OF CORE BARREL N/A	NO. SAMPLES 2	DEPTH —	DIAMETER —	TYPE —
CASING N/A	WEIGHT —	DROP —	DEPTH LEVEL —		
SAMPLER N/A	DRILLING METHOD AND DIRECTION Vertical				
SAMPLER HAMMER —	WEIGHT —	DROP —	OPERATOR S. Helbig		

DESCRIPTION	DEPTH, FT	Organic Matter Analysis Readings	REMARKS
Grass, Topsoil, Dark Brown Organic, sl. moist	1		Duplicate QA Sample
Dense GRAVEL with some Cobbles sl. moist	2		
Brown CLAY tr. silt sl. moist	3		
	4		
	5		
	6		
	7		
	8		
	9		
	10		
	11		
	12		
	13		
	14		
	15		
	16		
	17		
	18		
	19		

WOODWARD-CLYDE CONSULTANTS
 CONSULTING ENGINEERS, GEOLOGISTS AND ENVIRONMENTAL SCIENTISTS

LOG OF BORING.....B-20.....

SHEET.....1.....OF.....1.....

PROJECT AND LOCATION NYSEG Geneva, N.Y. 150' N of B-19		ELEVATION AND SURFACE -		PROJECT NO. 84CA048	
DRILLED BY NYSEG		FORWARD -		DATE FINISHED 21 Sept. 1984	
DRILLED EQUIPMENT Power Auger		COMPLETED DEPTH 8 ft		RISK DEPTH -	
SIZE AND TYPE OF BIT 1.5" Auger		SIZE AND TYPE OF CORE BARREL N/A		NO. SAMPLES 1	
CASING N/A		CASING HAMMER - WEIGHT - DROP -		ENTER LEVEL - POINT -	
SAMPLER N/A		SAMPLER HAMMER - WEIGHT - DROP -		DIRECTION AND ORIENTATION Vertical	
				OPERATOR S. Helbig	

DESCRIPTION	DEPTH, FT	Organic Matter Analysis Readings	REMARKS
Grass, Black Topsoil, Silt, poss. Coal Dust.	1	0.0	
Red-Brown SILT, some f. Sand, tr. Clay, moist.	2		
	3		
	4		
	5	0.0	
	6		
	7		
	8		
	9		
	10		
	11		
	12		
	13		
	14		
	15		
	16		
	17		
	18		
	19		

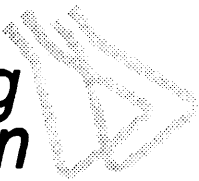
LOG OF BORING B-21

SHEET 1 OF 1

PROJECT AND LOCATION NYSEG Geneva, N.Y. 100' N of B-20		ELEVATION AND DATE —		PROJECT NO. 84CA048	
CLIENT AGENCY NYSEG		DATE STARTED 21 Sept. 1984		DATE FINISHED 21 Sept. 1984	
EQUIPMENT Power Auger		COMPLETION DEPTH 8 ft		BORE DEPTH —	
SIZE AND TYPE OF 1.5' Auger		SIZE AND TYPE OF CASE N/A		NO. SAMPLES 1	
CASING N/A		CASING LEVEL —		DEPTH —	
CASING HAMMER - WEIGHT - DROP -		BUREAU FILE AND DESCRIPTION Vertical			
SAMPLER N/A		OPERATOR S. Helbig			
SAMPLER HAMMER - WEIGHT - DROP -					
DESCRIPTION	DEPTH, FT	Organic Analyses Readings	REMARKS		
Grass, Dark Brown Topsoil	1	0.0			
Red-Brown SILT, Some f. Sand, tr. Clay, Moist.	2				
Brown Mottled CLAY, tr. Silt, moist	3				
	4				
	5				
	6	0.0			
	7				
	8				
	9				
	10				
	11				
	12				
	13				
	14				
	15				
	16				
	17				
	18				
	19				

APPENDIX B

LABORATORY DATA



710 Exchange Street
Rochester, NY 14608
(716) 454-3760

85 Trinity Place
Hackensack, NJ 07601
(201) 488-5242

LABORATORY REPORT

Job No. 42575 Date 10/30/84

Client

Mr. Steffan Helbig
Woodward-Clyde Consultants
201 Willowbrook Boulevard
Wayne, NJ 07470

Sample(s) Reference

Priority Pollutant Data
7 Purgeable Aromatics
NYS Electric & Gas

Date Samples (x) received () collected by General Testing 9/21/84

ANALYTICAL RESULTS, ug/kg

P.O. # _____

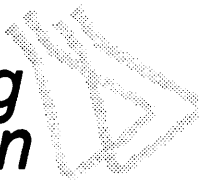
Sample Description	B-15	B-16	B-17	B-18a
Analysis * by GC Method 602				
Date(s) Collected	9/21/84	9/21/84	9/21/84	9/21/84
Time(s) Collected	10:00 am	10:30 am	11:00 am	11:30 am
Date Analyzed	10/10/84	10/11/84	10/11/84	10/11/84
2-1 Benzene	30	5300	63	20
2-2 Toluene	12	4800	26	13
2-3 Ethylbenzene	<5	210	11	8.1
2-4 Chlorobenzene	<50	<500	<50	<50
2-5 1,4-Dichlorobenzene	<50	<500	<50	<50
2-6 1,3-Dichlorobenzene	<50	<500	<50	<50
2-7 1,2-Dichlorobenzene	<50	<500	<50	<50
Additional Compounds eluting but not on 602 list				
2-8 p-Xylene *	4.6	2600	48	59
2-9 m-Xylene *				
2-10 o-Xylene	3.3	710	27	23
2-11 Styrene	<5	490	18	19
2-12 n-Propylbenzene	<5	86	17	15
* Elute together				

Analytical procedures in accordance with Standard Methods for the Examination of Water and Wastewater, 15th Edition and Methods for Chemical Analysis of Water and Wastes, EPA. (<) indicates lowest detectable concentration with procedure used. Data on quality control performed with above sample(s) is available upon request.

* EPA 40 CFR, Part 136, 12/79.

Laboratory Director

general testing corporation



water and wastewater testing specialists

710 Exchange Street
Rochester, NY 14608
(716) 454-3760

85 Trinity Place
Hackensack, NJ 07601
(201) 488-5242

LABORATORY REPORT

Job No. 42575 Date 10/30/84

Client

Mr. Steffan Helbig
Woodward-Clyde Consultants
201 Willowbrook Boulevard
Wayne, NJ 07470

Sample(s) Reference

Priority Pollutant Data
7 Purgeable Aromatics
NYS Electric & Gas

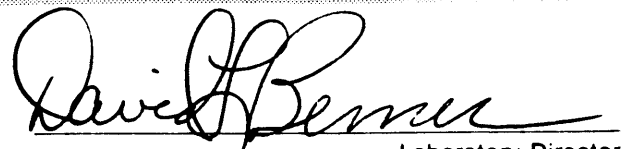
Date Samples (x) received () collected by General Testing 9/21/84

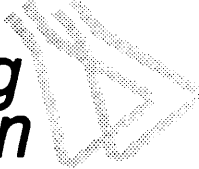
ANALYTICAL RESULTS, ug/kg

P.O. # _____

Sample Description	B-18b	B-19	B-20	B-21
Analysis * by GC Method 602				
Date(s) Collected	9/21/84	9/21/84	9/21/84	9/21/84
Time(s) Collected	12:45 pm	1:15 pm	2:15 pm	2:30 pm
Date Analyzed	10/11/84	10/11/84	10/12/84	10/12/84
2-1 Benzene	<5	<5	<5	<5
2-2 Toluene	<5	<5	<5	<5
2-3 Ethylbenzene	<5	<5	<5	<5
2-4 Chlorobenzene	<50	<50	<50	<50
2-5 1,4-Dichlorobenzene	<50	<50	<50	<50
2-6 1,3-Dichlorobenzene	<50	<50	<50	<50
2-7 1,2-Dichlorobenzene	<50	<50	<50	<50
Additional Compounds eluting but not on 602 list				
2-8 p-Xylene	<5	<5	<5	<5
2-9 m-Xylene	<5	<5	<5	<5
2-10 o-Xylene	<5	<5	<5	<5
-11 Styrene	<5	<5	<5	<5
2-12 n-Propylbenzene	<5	<5	<5	<5

Analytical procedures in accordance with Standard Methods for the Examination of Water and Wastewater, 15th Edition and Methods for Chemical Analysis of Water and Wastes, EPA. (<) indicates lowest detectable concentration with procedure used. Data on quality control performed with above sample(s) is available upon request.
* EPA 40 CFR, Part 136, 1279.


Laboratory Director



LABORATORY REPORT

Job No. 42575 Date 10/30/84

Client

Mr. Steffan Helbig
Woodward-Clyde Consultants
201 Willowbrook Boulevard
Wayne, NJ 07470

Sample(s) Reference

Priority Pollutant Data
7 Purgeable Aromatics
NYS Electric & Gas
QC Data - B-19

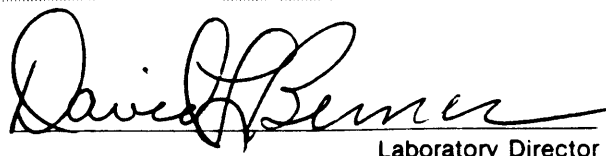
Date Samples () received () collected by General Testing 9/21/84

ANALYTICAL RESULTS, ug/kg

P.O. # _____

Sample Description	Duplicate	Spiked Amount Added	Recovery %
Analysis * by GC Method 602			
Date(s) Collected	9/21/84		
Time(s) Collected	1:15 pm		
Date Analyzed	10/12/84		
2-1 Benzene	<5	41	95%
2-2 Toluene	<5	40	110%
2-3 Ethylbenzene	<5	41	98%
2-4 Chlorobenzene	<50	-	-
2-5 1,4-Dichlorobenzene *	<50	127	109%
2-6 1,3-Dichlorobenzene *			
2-7 1,2-Dichlorobenzene	<50	66	106%
Additional Compounds eluting but not on 602 list			
2-8 p-Xylene *	<5	76	107%
2-9 m-Xylene *			
-10 o-Xylene	<5	47	110%
2-11 Styrene	<5	45	112%
-12 n-Propylbenzene	<5	40	100%
* Elute together			

Analytical procedures in accordance with Standard Methods for the Examination of Water and Wastewater, 15th Edition and Methods for Chemical Analysis of Water and Wastes, EPA. (<) indicates lowest detectable concentration with procedure used. Data on quality control performed with above sample(s) is available upon request.
* EPA 40 CFR, Part 136, 1279.


Laboratory Director



LABORATORY REPORT

Job No. 42575 Date 10/30/84

Client

Mr. Steffan Helbig
Woodward-Clyde Consultants
201 Willowbrook Boulevard
Wayne, NJ 07470

Sample(s) Reference

Priority Pollutant Data
Base/Neutral Compounds
Polynuclear Aromatic Hydrocarbons
NYS Electric & Gas

Date Samples (x) received () collected by General Testing 9/21/84

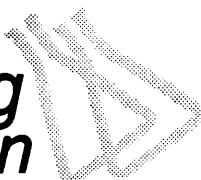
ANALYTICAL RESULTS, ug/g

P.O. # _____

Sample Description	B-15	B-16	B-17	B-18a
Analysis * by GC Method 610 (in order of elution)				
Date(s) Collected	9/21/84	9/21/84	9/21/84	9/21/84
Time(s) Collected	10:00 am	10:30 am	11:00 am	11:30 am
Date Extracted	10/1/84	10/1/84	10/1/84	10/1/84
Date Analyzed	10/16/84	10/16/84	10/16/84	10/16/84
10-1 Naphthalene	1.3	99	<1	<1
0-2 Acenaphthylene	<1	46	<1	<1
10-3 Acenaphthene	<1	16	<1	<1
10-4 Fluorene	<1	130	<1	<1
0-5 Phenanthrene *	<1		1.2	<1
0-6 Anthracene *	<1	410		<1
10-7 Fluoranthene	1.5	230	2.8	<1
0-8 Pyrene	1.1	200	2.2	<1
0-9 Benzo (a) anthracene	20	390	8.8	<1
10-10 Chrysene	51	130	14	<1
10-11 Benzo (b) fluoranthene *				
12 Benzo (k) fluoranthene *	12	210	6.5	<1
10-13 Benzo (a) pyrene	1.0	210	3.1	<1
10-14 Dibenzo (a,h) anthracene *	<1	94	1.1	<1
15 Indeno (1,2,3-cd) pyrene *	<1			
0-16 Benzo (g,h,i) perylene	<1	41	<1	<1
* Elute together				

Analytical procedures in accordance with Standard Methods for the Examination of Water and Wastewater, 15th Edition and Methods for Chemical Analysis of Water and Wastes, EPA. (<) indicates lowest detectable concentration with procedure used. Data on quality control performed with above sample(s) is available upon request.
* EPA 40 CFR, Part 136, 1279.

David H. Berner
Laboratory Director



710 Exchange Street
Rochester, NY 14608
(716) 454-3760

85 Trinity Place
Hackensack, NJ 07601
(201) 488-5242

LABORATORY REPORT

Job No. 42575 Date 10/30/84

Client

Mr. Steffan Helbig
Woodward-Clyde Consultants
201 Willowbrook Boulevard
Wayne, NJ 07470

Sample(s) Reference

Priority Pollutant Data

Base/Neutral Compounds
Polynuclear Aromatic Hydrocarbons
NYS Electric & Gas

Date Samples (x) received () collected by General Testing 9/21/84

ANALYTICAL RESULTS, ug/g

P.O. # _____

Sample Description

Analysis * by GC Method 610
(in order of elution)

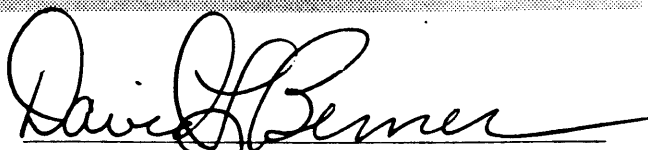
	B-18b	B-19	B-20	B-21
Date(s) Collected	9/21/84	9/21/84	9/21/84	9/21/84
Time(s) Collected	12:45 pm	1:15 pm	2:15 pm	2:30 pm
Date Extracted	10/1/84	10/1/84	10/1/84	10/1/84
Date Analyzed	10/16/84	10/16/84	10/16/84	10/16/84

9-1
10-2
10-3
10-4
10-5
10-6
10-7
10-8
10-9
10-10
10-11
10-12
10-13
10-14
10-15
10-16

	B-18b	B-19	B-20	B-21
Naphthalene	<1	<1	<1	<1
Acenaphthylene	<1	<1	<1	<1
Acenaphthene	<1	<1	<1	<1
Fluorene	<1	<1	<1	<1
Phenanthrene	<1	<1	<1	<1
Anthracene	<1	<1	<1	<1
Fluoranthene	<1	<1	<1	<1
Pyrene	<1	<1	<1	<1
Benzo (a) anthracene	4.3	18	3.0	17
Chrysene	14	66	9.3	110
Benzo (b) fluoranthene	<1	<1	<1	<1
Benzo (k) fluoranthene	<1	<1	<1	<1
Benzo (a) pyrene	<1	1.4	<1	<1
Dibenzo (a,h) anthracene	<1	<1	<1	<1
Indeno (1,2,3-cd) pyrene	<1	<1	<1	<1
Benzo (g,h,i) perylene	<1	<1	<1	<1

Analytical procedures in accordance with Standard Methods for the Examination of Water and Wastewater, 15th Edition and Methods for Chemical Analysis of Water and Wastes, EPA. (<) indicates lowest detectable concentration with procedure used. Data on quality control performed with above sample(s) is available upon request.

* EPA 40 CFR, Part 136, 12/79.


Laboratory Director

GENERAL TESTING CORP.
CHAIN OF CUSTODY RECORD

Sampling Place: Geneva Service Center
North Street, Geneva NY
Street City State

Sample Source: Boring Soil Producer — Hauler — Disposal Site —
Other —

Shipper Name: —

Shipper Address: — Street City State Zip

Shippers Telephone # () —

Collector's Name: Steffen R. Helbig ; Steffen R. Helbig
Print Signature

Field Information: —

Relinquished by:	Received by:	Date/Time
1. sign. <u>Steffen R. Helbig</u> for <u>WEC</u>	1. sign. <u>[Signature]</u> for <u>Gen. Testing</u>	<u>9/21/84</u> <u>4:16 pm</u>
2. sign. <u>—</u> for <u>—</u>	sign. <u>—</u> for <u>—</u>	/
3. sign. <u>—</u> for <u>—</u>	sign. <u>—</u> for <u>—</u>	/

Received for Laboratory by: —

Method of Shipment: —

Sample	Sample Location	Date	Time	Sample Type	Number of Containers
B-15	Composite	21 Sept 84	10:00	Soil	4
B-16	"	"	10:30	"	4
B-17	"	"	11:00	"	4
B-18A	2.0'	"	11:30	"	4
B-18B	5.0'	"	12:45	"	4
B-19	Composite	"	1:15	"	4
B-19 RC	"	"	1:45	"	4
B-20	"	"	2:15	"	4
B-21	"	"	2:30	"	4