

23.39

RCRA RECORDS CENTER
FACILITY G.E. Pittsfield
I.D. NO. MA0008.084093
FILE LOC. R-9
OTHER 213350

MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT SUMMARY
FOR EAST STREET AREA 2/USEPA AREA 4

VOLUME XI OF XII

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

AUGUST 1994

BLASLAND, BOUCK & LEE, INC.
6723 TOWPATH ROAD
SYRACUSE, NEW YORK 13214

SDMS DocID 000213380



**MCP INTERIM PHASE II REPORT AND CURRENT ASSESSMENT SUMMARY
FOR EAST STREET AREA 2/USEPA AREA 4**

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VOLUME XI OF XII

APPENDICES

Appendix J Analytical Data Sheets and Location Plans Associated With
Miscellaneous Site Investigations (Sections C-31 through C-
60)



Appendices



Appendix J

APPENDIX J

**ANALYTICAL DATA SHEETS AND LOCATION PLANS
ASSOCIATED WITH MISCELLANEOUS SITE INVESTIGATIONS**

(Sections C-31 through C-60)

APPENDIX J, SECTION C-31

BLASLAND & BOUCK ENGINEERS P.C.
(REQUEST FOR SAMPLING)

To: Files

Date: 9-29-92

To: Bruce Eulian

File No: 101-75-22

Re: Bldg.31 Condensation Enclosure
Excavation Sampling

INITIATOR: Aimee Cole (GE)

DATE: 9-29-92

BLDG. LOCATION: Bldg.31 (Northside Outside)

CONTACT PERSON: Aimee Cole (GE)

EXT: 2534

ITEM DESCRIPTION:

1.) Soil

PURPOSE: To collect samples for GE to determine the proper disposal method for the soil that was generated during the excavation for the Bldg.31 Condensation Enclosure at Bldg.31.

NOTES: The following sampling program was implemented at the request of Aimee Cole (GE).

1.) Soil from the excavation for the Condensation Enclosure at Bldg.31 is to be sampled for PCB's using Method 8080.

2.) Soil samples are to be screened for Volatile Organic Compounds with a calibrated PID meter.

3.) If the PID readings on the soil are greater than or equal to 10 PPM the soil is to be analyzed for VOC's using Method 8240 as described in the document entitled "Protocols For The Management Of Excavated Activities" dated April 1990.

4.) At the request of GE the samples are to be analyzed by OBG Laboratories in Pittsfield, Mass.

rfh

PRELIMINARY

DELIVERED TO GRANT

BOWMAN (GE)

10-23-92

BLASLAND AND BOUCK ENGINEERS P.C.

SAMPLING PROGRAM FIELD SUMMARY

To: Files
From: Bruce Eulian
Re: Bldg.31 Condensation Enclosure
Excavation Sampling

Date: 9-29-92
File No: 101-75-22
cc: Grant Bowman (GE)
Robert Rhoades (B&B)

The following is a summary of samples (Table 1) collected on 9-29-92 from soil generated during an excavation for the Bldg.31 Condensation Enclosure Excavation. Approximately 6.5 cu yds of soil were generated during the excavation.

At the request of Aimee Cole (GE) the following sampling was performed:

- * Pile #1 which measured approximately 0.55 cubic yards of soil, 1 discrete-grab sample was taken and analyzed discretely for PCB's using method 8080.
- * Pile #2 which measured approximately 6.0 cubic yards of soil, 2 discrete-grab samples were taken and analyzed discretely for PCB's using method 8080.

Drawings showing the site location (Figure 1) and the sample locations (Figure 2) have been included. A preliminary analytical report provided by CBG Laboratories (Attachment 1) has also been included. In addition, a calibration form (Attachment 2) and the soil screening results (Attachment 3) have also been provided.

Bldg. 31 Condensation Enclosure
Excavation Sampling
101-75-22

Table 1

PCB SAMPLING RESULTS METHOD 8030

| LAB ID | SAMPLE DATE | TOTAL PCB PPM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH | SEE FIGURE |
|----------|-------------|---------------|-----------------|-----------------|---------------|--------------|------------|
| ----- | | | | | | | |
| PILE #1 | | | | | | | |
| 31-CE-01 | 09-29-92 | 1.8 | 1 | SOIL | DISCRETE-GRAB | 0"-12" | 2 |
| ----- | | | | | | | |
| PILE #2 | | | | | | | |
| 31-CE-02 | 09-23-92 | 6.0 | 2 | SOIL | DISCRETE-GRAB | 0"-18" | 2 |
| 31-CE-03 | 09-29-92 | 4.8 | 3 | SOIL | DISCRETE-GRAB | 18"-36" | 2 |

rfh



(BLDG 31 NORTHSIDE OUTSIDE)

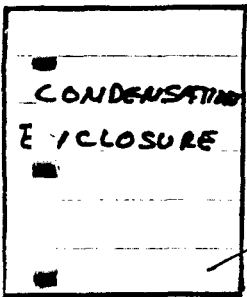
101-75-22

RH

9-30-92

10/1

RR TRACK



EXCAVATION LOCATION (PILE #2)

NOTE! SOIL PILE

APPROX DIMENSIONS

PILE #2

LENGTH 18'

WIDTH 3'

HEIGHT 3'

APPROX 6.0 CUBIC YARDS

Loc #3
4.8 PPM

Loc #2
6.0 PPM

EXCAVATION LOCATION (PILE #1)

PILE #1

FOOTINGS

Loc #1
18 PPM

BLDG 31

BLDG 31C

NOTE! SOIL PILE
APPROX. DIMENSIONS
LENGTH 5'
WIDTH 3'
HEIGHT 1'
APPROX. 0.55 CUBIC YARDS

LEGEND

● - SAMPLE LOCATION

NOT TO SCALE

ATTACHMENT 1

ATTACHMENT 2

HNU CALIBRATION

DATE: 9-29-92
OPERATOR: R HUTHER

HNU SERIAL NO: 270107
eV OF PROBE: 10.2

CALIBRATION GAS: 9.8 span setting @ 57 ppm

INITIAL READING: 9.8 span setting @ 57 ppm

ADJUSTED SETTING: _____ span setting @ _____ ppm

NOTES:

ATTACHMENT 3

APPENDIX J, SECTION C-32

PLASLAND & BONDK ENGINEERS, P.C.
(REQUEST FOR SAMPLING)

TO: Title

DATE: 2-9-93

FROM: Bruce Eulian

FILE NO: 201.14.17

RE: Bldg 33X (outside) Waterline Close-off
Excavation Sampling

INITIATOR: Aimee Cole (GE)

DATE: 1-26-93

BLDG LOCATION: Bldg 33X (outside)

CONTACT PERSON: Aimee Cole (GE)

EXT: 2334

ITEM DESCRIPTION:

1. Cell

PURPOSE: To collect soil samples for GE to determine the proper disposal method of the soil that was excavated from the Bldg 33X (outside) Waterline Close-off excavation.

NOTES: The following sampling program was implemented at the request of Aimee Cole (GE): (see attached letter dated 1-26-93)

1.) Soil samples for the Bldg 33X (outside) Waterline Close-off excavation are to be sampled for PCB's and analyzed by Method 8080.

2.) Soil samples are to be screened for Volatile Organic Compounds with a calibrated PID meter.

3.) If the PID readings on the soil are greater than or equal to 10 PPM the soil is to be sampled for VOC's and analyzed by Method 8240 and 1,2,4 Trichlorobenzene using Method 8120.

4.) GE requests the samples collected be analyzed by CBG Laboratories in Pittsfield, MA if the PID readings are <10 PPM and at Syracuse, NY CBG Laboratories if the PID readings are greater than or equal to 10 PPM.

January 26, 1992

SAMPLE REQUEST

To: B. Eulian - B & B

From: A. Cole - GEC

Re: Post-excavation sampling at bldg. 33x
and in the vicinity of the powerhouse.

Bob Pensivy estimates that less than 10 yards of material will be excavated in two excavations to close off a water line to bldg. 31. Please sample this material for PCB (3 samples for 10 yards) and take PID readings. If the PID hits greater than 10 then sample for VOC's and 1,2,4, Trichlorobenzene. This is not an Area 2 excavation.

The dirt from the 33x excavation is located inside bldg. 33x. The first excavation is already done. The dirt from the excavation near the powerhouse is located between the powerhouse, the separator and the water tower. The second excavation is being dug today 1/26/93. The samples may be sent to the D B & G lab locally. If VOC's are required (based on PID) all samples may be sent to Syracuse for analysis.

DELIVERED TO GRANT
BOWMAN (GE)
2-26-93

BLASLAND AND BUCK ENGINEERS P.C.

SAMPLING PROGRAM FIELD SUMMARY

To: Files
From: Bruce Eulian
Re: Bldg 33X (outside) Waterline Close-off
Excavation Sampling

Date: 2-3-93
File No: 101.16.17
cc: Grant Bowman (GE)
Robert Rhoades (S&P)

The following is a summary of the sampling program conducted on 2-3-93 on the soil from the Bldg 33X (outside) Waterline Close-off Excavation. Approximately 37 cu yds of soil was excavated and placed into eleven (11) carts inside of Bldg 33X.

At the request of Aimee Cole (GE), the following sampling program was implemented:

Collected ten (10) discrete-grab samples and were analyzed for PCB's (Method 8080)

The soil samples were screened with a calibrated PID meter and found to be <10 PPM, therefore the soil did not have to be sampled for VOC's and analyzed by Method 8240 or 1,2,4 Trichlorobenzene and analyzed by Method 8120.

A summary table of the sampling program has been included (Table 1) along with drawings showing the site location (Figure 1) and sample locations (Figure 2). Preliminary analytical reports provided by CBB Laboratories (Attachment 1) have also been included. In addition, a calibration form (Attachment 2) and the soil screening results (Attachment 3) have also been provided.

Bldg 33X (outside) Waterline Close-off
Excavation Sampling

201.15.17

Table 1

POB SAMPLING RESULTS METHOD B150

| LAB ID | SAMPLE DATE | TOTAL POB PPM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH | SEE FIGURE |
|-------------|-------------|---------------|-----------------|-----------------|---------------|--------------|------------|
| 33X-WLC-01 | 2-3-93 | 2.4 | 1 | SOIL | DISCRETE-GRAB | 0-1' | 2 |
| 33X-WLC-02 | 2-3-93 | <1.0 | 2 | SOIL | DISCRETE-GRAB | 1-2' | 2 |
| 33X-WLC-03 | 2-3-93 | <1.0 | 3 | SOIL | DISCRETE-GRAB | 0-1' | 2 |
| 33X-WLC-04 | 2-3-93 | <1.0 | 4 | SOIL | DISCRETE-GRAB | 1-2' | 2 |
| 33X-WLC-05 | 2-3-93 | 1.2 | 5 | SOIL | DISCRETE-GRAB | 0-1' | 2 |
| 33X-WLC-06 | 2-3-93 | 1.2 | 6 | SOIL | DISCRETE-GRAB | 1-2' | 2 |
| 33X-WLC-07 | 2-3-93 | <1.0 | 7 | SOIL | DISCRETE-GRAB | 0-1' | 2 |
| 33X-WLC-08 | 2-3-93 | 1.2 | 8 | SOIL | DISCRETE-GRAB | 1-2' | 2 |
| 33X-WLC-09 | 2-3-93 | 1.4 | 9 | SOIL | DISCRETE-GRAB | 0-1' | 2 |
| 33X-WLC-010 | 2-3-93 | 1.3 | 10 | SOIL | DISCRETE-GRAB | 1-2' | 2 |



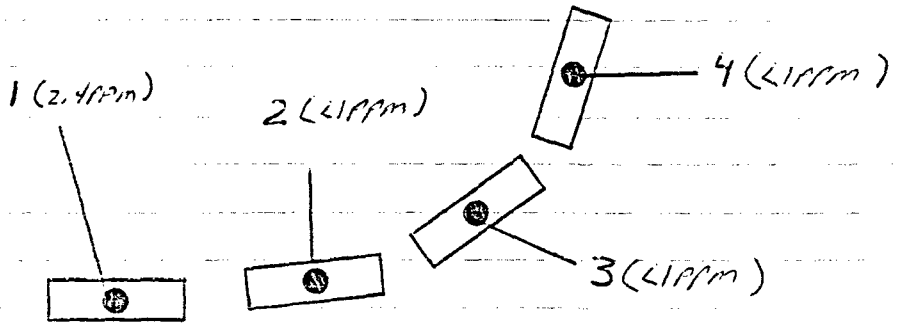
| | | | | |
|---|------------------------|-----------|----------------|-----------------|
| PROJECT BLDG 331 (OUTSIDE) WATERLINE CLOSE OFF EXCAVATION SAMPLING | PROJ. NO. 201.16.17 | BY JJK | DATE 2-8-93 | SHEET 1 of 1 |
|---|------------------------|-----------|----------------|-----------------|

FIGURE # 2



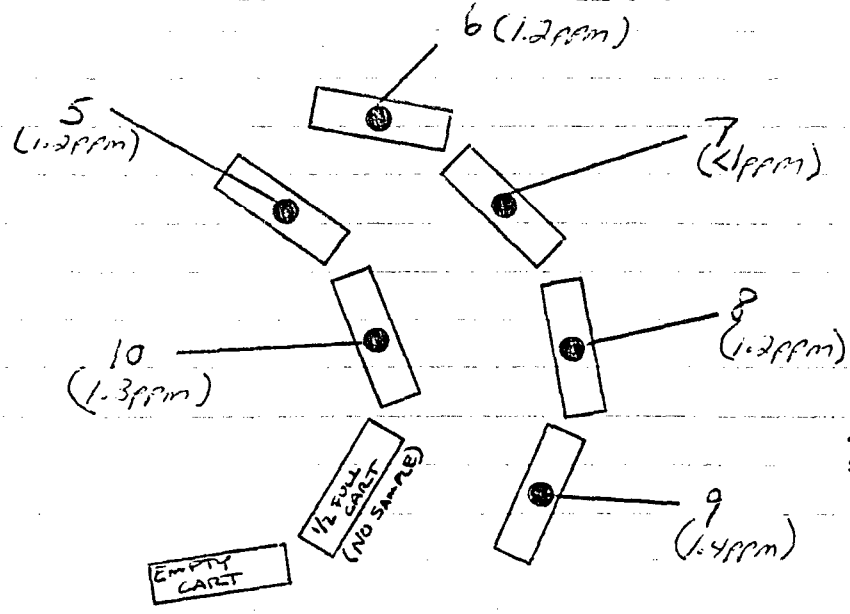
(OVERHEAD DOOR)

BLDG 33 X - 1

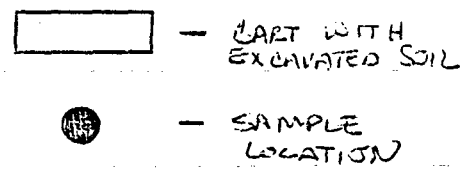


SHELVING

(COLUMNS)



LEGEND (NOT TO SCALE)



NOTE: EACH CART IS APPROX
 7.5' LENGTH
 4.5' WIDTH
 3.0' HEIGHT
 APPROX 3.33 cu yds x
 (11) CARTS = 36.6 to 37 cu yds

ATTACHMENT 1



4/182
PRELIMINARY
 FEB 9 1993

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520
 DESCRIPTION G.E., Pittsfield Job No. 201-16-17
Bldg 33X (OUTSIDE) Waterline Close-off Excavation Sampling
 Date Analyzed 2/5/93 DATE COLLECTED See Below DATE RECEIVED 2/4/93

| Lab ID NO. | DATE EXTRACTED | DATE SAMPLED | SCREEN VALUE | PCTS | PCB | COMMENTS | QC RESULTS |
|-------------|----------------|--------------|--------------|------|-----|----------|------------|
| 33X-WLC-C1 | 2/4/93 | 2/3/93 | 2 | 83 | 2.4 | soil | A |
| 33X-WLC-C2 | ↓ | ↓ | <1 (.674) | 82 | <1 | ↓ | ↓ |
| 33X-WLC-C3 | | | <1 (.739) | 85 | <1 | | |
| 33X-WLC-C4 | | | <1 (.582) | 80 | <1 | | |
| 33X-WLC-C5 | | | <1 (.98) | 80 | 1.2 | | |
| 33X-WLC-C6 | | | <1 (.935) | 78 | 1.2 | | |
| 33X-WLC-C7 | | | <1 (.514) | 78 | <1 | | |
| 33X-WLC-C8 | | | 1.0 | 81 | 1.2 | | |
| 33X-WLC-C9 | | | 1.1 | 79 | 1.4 | | |
| 33X-WLC-C10 | | | 1.2 | 92 | 1.3 | | |

A) Reagent Blank 020493-1:
 Reference Sample 020493-1:
 Matrix Spike ORI-FR-C1:
 Matrix Spike Duplicate:
 Precision:

<1
 $2.3/3 = 77\%$
 $2.0/3 = 67\%$
 $2.3/3 = 77\%$
 $2.2 \text{ vs } 2.3 = 14\% \text{ RFD}$

Comments: _____ Certification No.: _____
 Units: mg/kg = ppm

ATTACHMENT 2

HNU CALIBRATION

BLDG 33X (OUTSIDE) WATER LINE (LISE-OFF EXCAVATION SAMPLES)
(20.16, 17)

DATE: 2-3-93
OPERATOR: GREGG RABASCO

HNU SERIAL NO: A70129
eV OF PROBE: 10.2

CALIBRATION GAS: 9.80 span setting @ 57 ppm

INITIAL READING: 9.80 span setting @ 53 ppm

ADJUSTED SETTING: 9.69 span setting @ 57 ppm

NOTES:

ATTACHMENT 3

APPENDIX J, SECTION C-33

DELIVERED TO
GRANT BOWMAN
GEB 3-10-92

PRELIMINARY
MAR 9 1992

BLASLAND AND BOUCK ENGINEERS P.C.

SAMPLING PROGRAM FIELD SUMMARY

To: Files
From: Bruce Eulian
Re: Bldg 33-X Water Main Repair Excavation Sampling

Date: 2-11-92
File No: 101-75-22
cc: Grant Bowman (GE)
Aimee Cole (GE)

The following is a summary of the sampling program conducted on 2-10-92 from soil and concrete generated during repair on a water main both inside and outside Bldg 33X.

Outside excavation:
‡ Approx 1 cu yd of soil
‡ <1.0 cu yd of concrete

Inside excavation:
‡ Approx 8 cu yds of soil
‡ <1.0 cu yd of concrete

At the request of Aimee Cole (GE), the following sampling was performed at the two excavation sites.

Outside excavation:
‡ 1 discrete grab sample of soil
‡ 1 discrete full core of concrete

Inside excavation:
‡ 3 discrete grab samples of soil
‡ 1 discrete full core of concrete

All soil samples were screened with a calibrated PID meter and found to be <10.0 ppm. Therefore the soil was not analyzed for VOC's using Method 8240, as per the Protocols For The Management of Excavation Activities dated April 1990. A summary table of the sampling program results has been provided (Table 1) including drawings showing the site location (Figure 1) and sample locations (Figures 2&3). A preliminary analytical report provided by QGB Laboratories has also been included (Attachment 1). In addition, a PID calibration form and soil screening results have also been provided (Attachment 2).

Bldg 33X-1 Water Main Repair
Excavation Sampling
101.75.22

PRELIMINARY
MAR 9 1992

Table 1

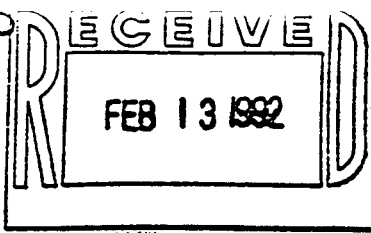
PCB SAMPLING RESULTS METHOD 8080

| LAB ID | SAMPLE DATE | TOTAL PCB PPM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH | SEE FIGURE |
|-----------|-------------|---------------|-----------------|-----------------|---------------|--------------|------------|
| 33X-WM-C1 | 02-10-92 | <1.0 | 1 | SOIL | DISCRETE-GRAB | 0-18" | 2 |
| 33X-WM-C2 | 02-10-92 | <1.0 | 2 | CONCRETE | DISCRETE-CORE | 0-6" | 2 |
| 33X-WM-C3 | 02-10-92 | 3.3 | 3 | SOIL | DISCRETE-GRAB | 0-12" | 3 |
| 33X-WM-C4 | 02-10-92 | 3.7 | 4 | SOIL | DISCRETE-GRAB | 12"-24" | 3 |
| 33X-WM-C5 | 02-10-92 | 2.1 | 5 | SOIL | DISCRETE-GRAB | 24"-36" | 3 |
| 33X-WM-C6 | 02-10-92 | 2.2 | 6 | CONCRETE | DISCRETE-CORE | 0-6" | 3 |

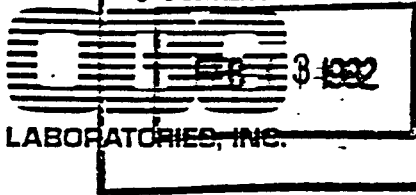
see

PRELIMINARY

5665



Laboratory Report



CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. -2887.026.520

DESCRIPTION G.E., Pittsfield Job No. 101-75-22

Bldg. 33X Water Main Repair Soil Sampling

Date Analyzed 2/13/92 DATE COLLECTED See Below DATE RECEIVED 2/10/92

| Lab ID NO. | DATE EXTRACTED | DATE SAMPLED | SCREEN VALUE | PCTS % | PCB | COMMENTS | QC RESULTS |
|--------------------------|----------------|--------------|--------------|--------|-----|--------------|------------|
| 33X-WM-C1 | 2/12/92 | 2/10/92 | <1 (.304) | 93 | <1 | soil | A |
| -C2 | | | | | <1 | concrete | |
| -C3 | | | 2.8 | 84 | 3.3 | soil | |
| -C4 | | | 2.9 | 79 | 3.7 | ↓ | |
| -C5 | | | 1.7 | 82 | 2.1 | ↓ | |
| ↓ -C6 | ↓ | ↓ | | | 2.2 | concrete | ↓ |
| A) Reagent Blank 1: | | | | | | <1 | |
| Reference Sample 1: | | | | | | 3.7/3.3 = | 112% |
| Matrix Spike 6-19-SL-C2: | | | | | | 2.9/3.3 = | 88% |
| Matrix Spike Duplicate: | | | | | | 2.7/3.3 = | 82% |
| Precision: | | | | | | 2.9 vs 2.7 = | 7.1% RPD |

Comments:

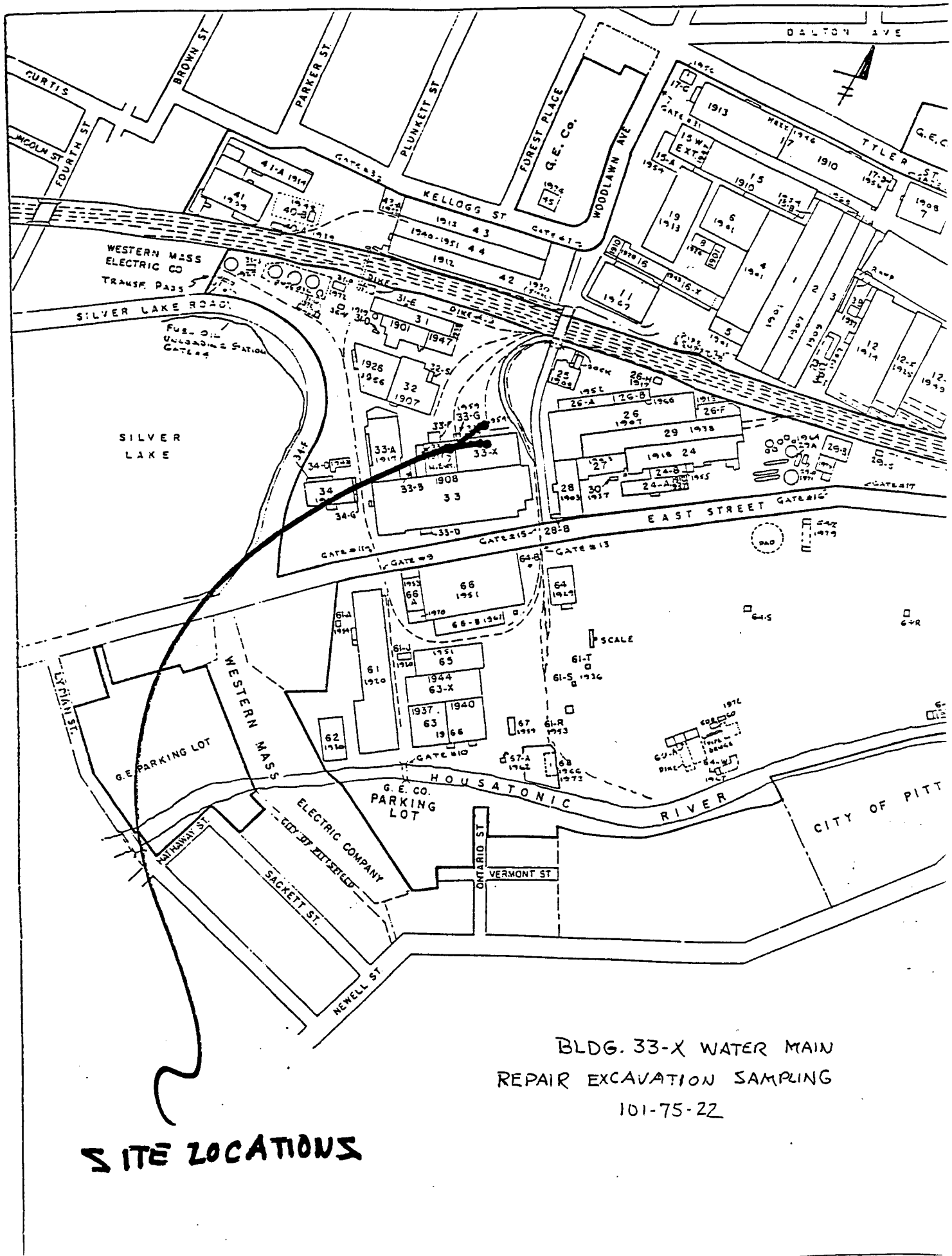
Certification No.:

Units: ug/g = ppm

Authorized: _____

Date: _____

FIGURE #1



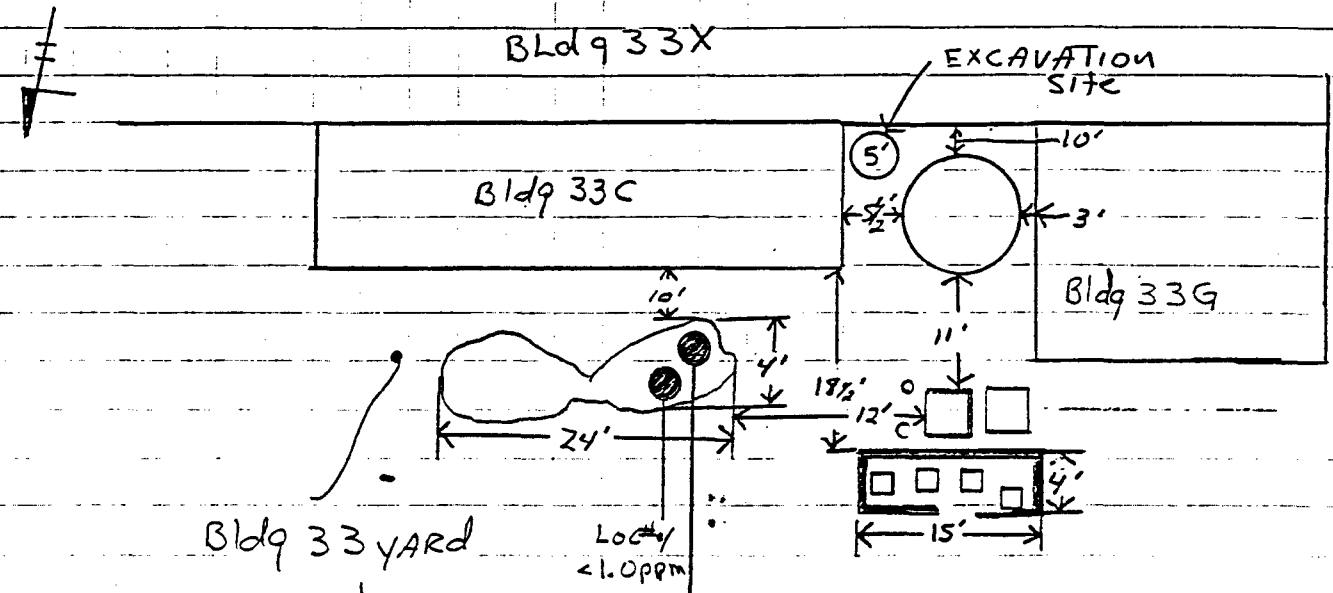
BLDG. 33-X WATER MAIN
REPAIR EXCAVATION SAMPLING
101-75-22

SITE LOCATIONS

| | | | | |
|--|------------------------|--------------|-----------------|-----------------|
| PROJECT BLDG. 33X-1 WATER MAIN REPAIR SOIL SAMPLING | PROJ. NO. 101-75-22 | BY AGP/RC | DATE 2-10-92 | SHEET 1 of 2 |
|--|------------------------|--------------|-----------------|-----------------|

FIGURE #2

NOT TO SCALE



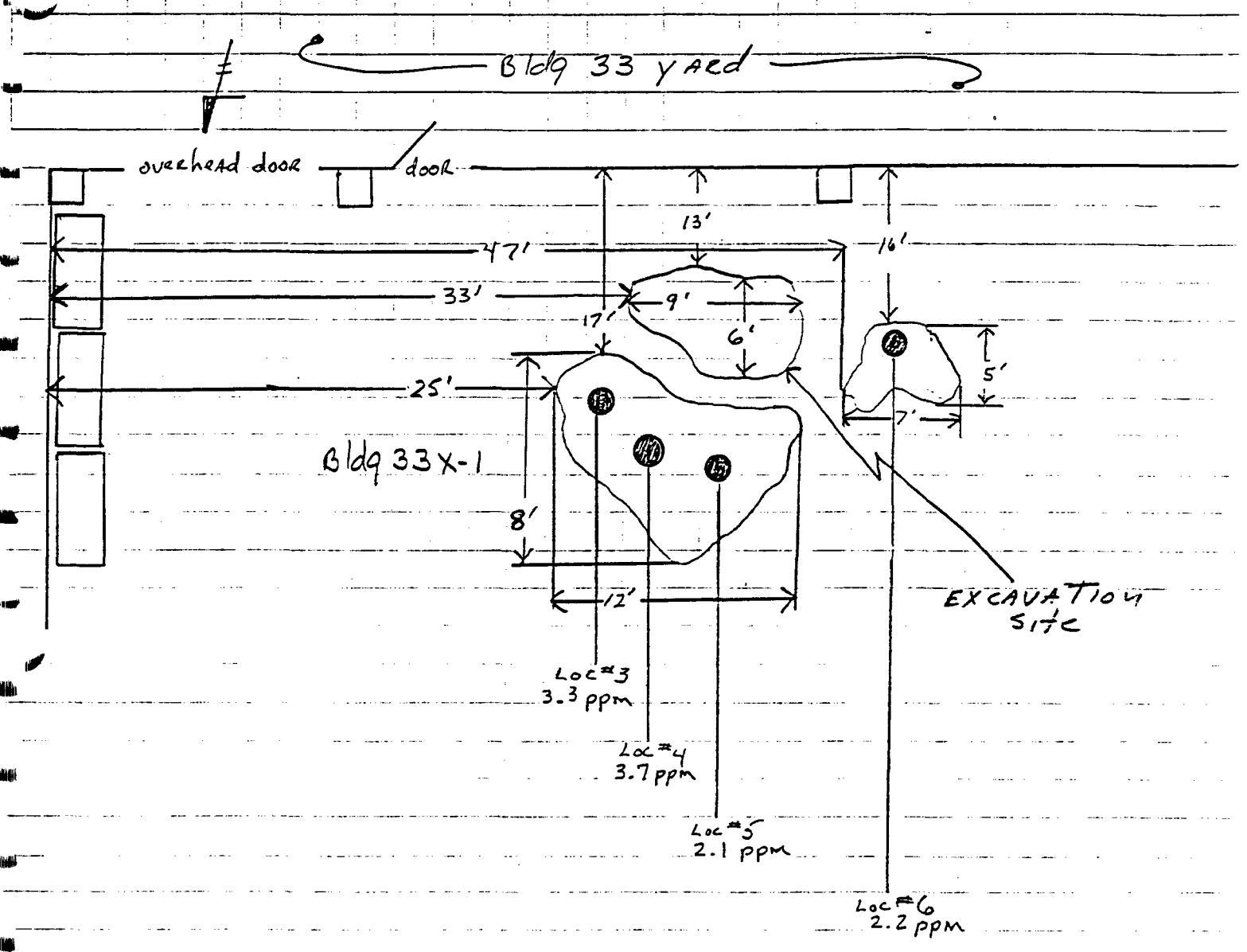
BLDG. 33X-1 WATER MAIN
REPAIR SOIL SAMPLING
101-75-22

● - SAMPLE LOCATION

| PROJECT | PROJ. NO. | BY | DATE | SHEET |
|---|-----------|--------|---------|--------|
| BLDG. 33X-1 WATER MAIN REPAIR SOIL SAMPLING | 101-75-22 | AGP/BC | 2-10-92 | 2 of 2 |

NOT TO SCALE

FIGURE 3



BLDG. 33X-1 WATER MAIN
REPAIR SOIL SAMPLING

101-75-22

● - SAMPLE LOCATION

APPENDIX J, SECTION C-34

BLASLAND & BOUCK ENGINEERS P.C.
(REQUEST FOR SAMPLING)

PRELIMINARY

To: Files

Date: 6-30-92

From: Bruce Eulian

File No: 101-75-22

Re: Bldg 34 (North Side) Indicator Installation
Excavation Sampling (Water Shut Off # 34-2)

INITIATOR: Aimee Cole (GE)

DATE: 6-30-92

BLDG. LOCATION: Bldg 34 (North Side)

CONTACT PERSON: Aimee Cole (GE)

EXT: 2534

ITEM DESCRIPTION:

1.) Soil \ Sand

PURPOSE: To collect samples for GE to determine the proper disposal method for the soil that was excavated for the indicator installation at Bldg 34 (North Side) water shutoff # 34-2.

NOTES: The following sampling program was implemented at the request of Aimee Cole (GE).

1.) Soil from the excavation for an indicator installation at Bldg 34 (North Side) water shutoff # 34-2 is to be sampled for PCB's Method 8080 and the soil samples are to be screened for Volatile Organic Compounds with a calibrated PID. If the PID readings on the soil are greater than or equal to 10 PPM the soil is to be analyzed for VOC's Method 8240 as described in the document entitled Protocols For The Management of Excavated Soils, dated April 1990.

PRELIMINARY

BLASLAND AND BOUCK ENGINEERS P.C.

SAMPLING PROGRAM FIELD SUMMARY

To: Files
From: Bruce Eulian
Re: Bldg 34 (North Side) Indicator Installation
Excavation Sampling (Water Shut Off # 34-2)

Date: 7-15-92
File No: 101-75-22
cc: Grant Bowman (GE)

The following is a summary of samples (Table 1) collected from the soil generated during an emergency repair excavation for an indicator installation at valve (# 34-2) outside Bldg 34. Approximately 14.4 cu yds of soil were generated during the repair. At the request of Aimee Cole (GE) 5 discrete-grab samples of soil were collected and analyzed for PCB's using Method 8080. All soil samples were screened with a calibrated PID meter and found to be less than 10 ppm, therefore the soil samples did not have to be analyzed for VOC's using Method 8240, as described in the document entitled Protocols For The Management of Excavated Soils, dated April 1990

Drawings showing the site location (Figure 1) and sample locations (Figure 2) have been attached. An analytical report provided by OBG Laboratories has also been included (Attachment 1). In addition, a PID calibration form (Attachment 2), and soil screening results have also been provided (attachment 3).

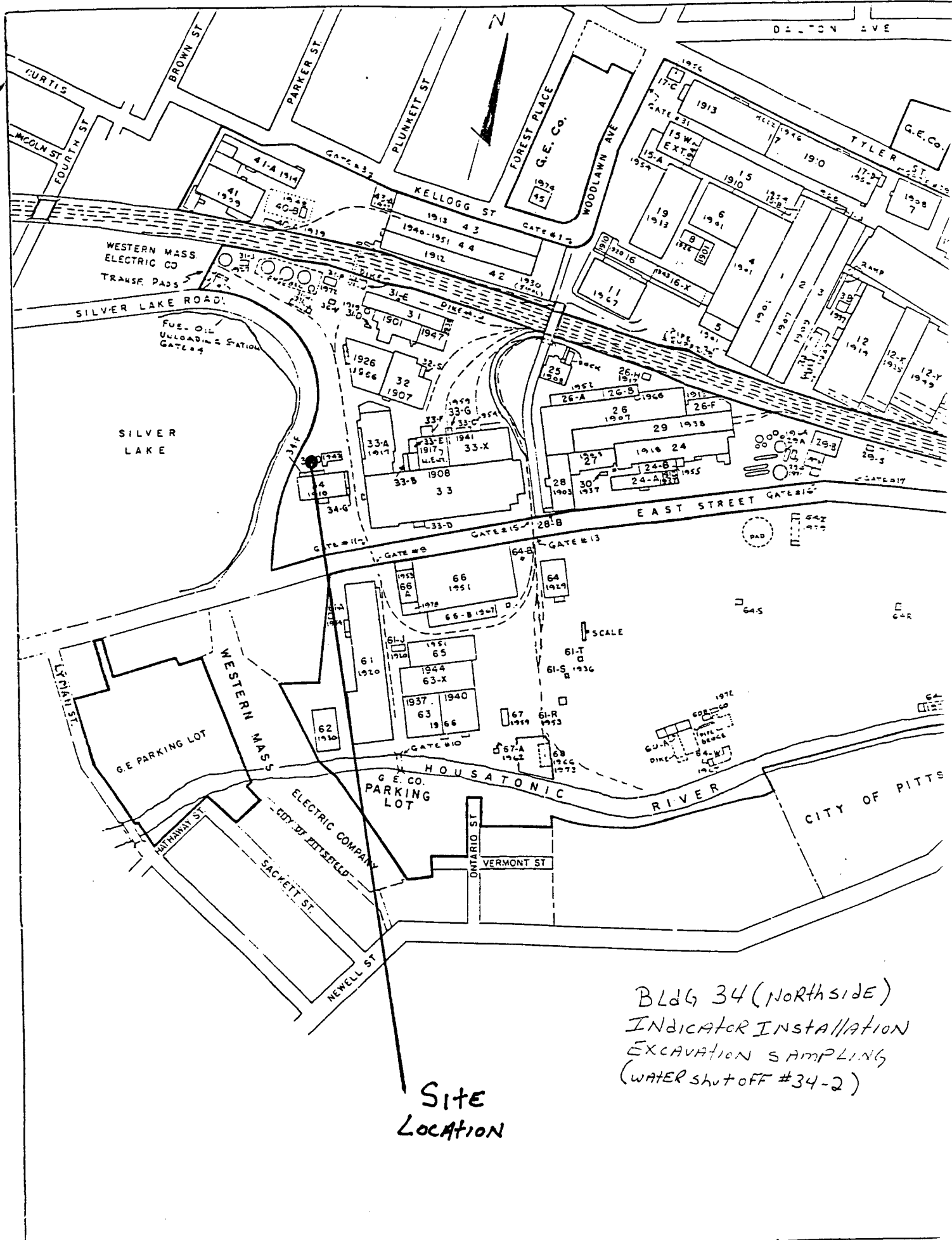
Bldg 34 (North side) Indicator Installation
Excavation Sampling (Water Shut Off # 34-2)
101-75-22

PRELIMINARY

Table 1

PCB SAMPLING RESULTS METHOD 8080

| LAB ID | SAMPLE DATE | TOTAL PCB PPM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH | SEE FIGURE |
|------------|-------------|---------------|-----------------|-----------------|---------------|--------------|------------|
| 34-2-II-C1 | 06-30-92 | 20 | 1 | SOIL | DISCRETE-GRAB | 0-12" | 2 |
| 34-2-II-C2 | 06-30-92 | 20 | 2 | SOIL | DISCRETE-GRAB | 12"-24" | 2 |
| 34-2-II-C3 | 06-30-92 | 17 | 3 | SOIL | DISCRETE-GRAB | 24"-36" | 2 |
| 2-II-C4 | 06-30-92 | 4.7 | 4 | SOIL | DISCRETE-GRAB | 0-12" | 2 |
| 34-2-II-C5 | 06-30-92 | 20 | 5 | SOIL | DISCRETE-GRAB | 12"-24" | 2 |

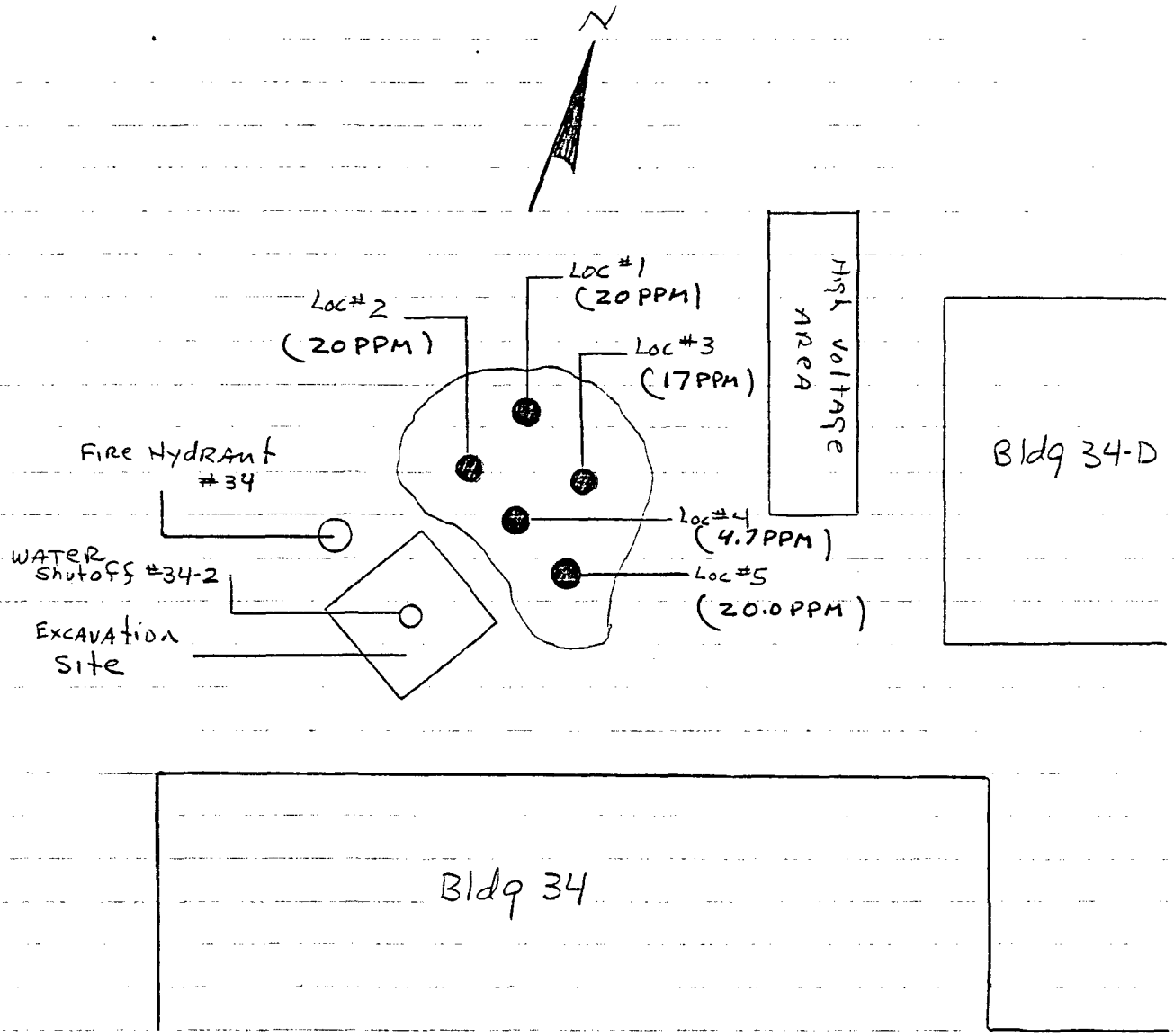


BLDG 34 (NORTHSIDE)
 INDICATOR INSTALLATION
 EXCAVATION SAMPLING
 (WATER SHUT OFF #34-2)

SITE
 LOCATION

Not to Scale

FIGURE 2



Legend

● - Sample Location

ATTACHMENT 1



3961
PRELIMINARY
 JUL 2 1992

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520
 DESCRIPTION G.E., Pittsfield Job No. 101.75.22
Bldg 34 (North Side) Indicator Installation Excavation Sampling (Water Shutoff # 342)
 Date Analyzed 7/1 → 7/2/92 DATE COLLECTED See Below DATE RECEIVED 6/30/92

| Lab ID NO. | DATE EXTRACTED | DATE SAMPLED | SCREEN VALUE | PCTS | PCB | COMMENTS | QC RESULTS |
|---------------------------|----------------|--------------|--------------|------|--------------|-----------|------------|
| 34-2-II-C1 | ↓ 7/1/92 | ↓ 6/30/92 | 18 | 88 | 20 | ↓ soil | ↓ A |
| 34-2-II-C2 | | | 17 | 87 | 20 | | |
| 34-2-II-C3 | | | 15 | 88 | 17 | | |
| 34-2-II-C4 | | | 4.3 | 91 | 4.7 | | |
| 34-2-II-C5 | | | 18 | 89 | 20 | | |
| A) Reagent Blank 1: | | | | | < 1 | | |
| Reference Sample 1: | | | | | 3.9/3.3 = | 118% | |
| Matrix Spike: 34-2-II-C3: | | | | | 5.3/3.3 = | 161% | |
| Matrix Spike Duplicate: | | | | | 5.5/3.3 = | 167% | |
| Precision: | | | | | 5.3 vs 5.5 = | 3.7% RPD | |

Comments: _____ Certification No.: _____
 Units: mg/kg
 Authorized: _____ Date: _____

ATTACHMENT 2

HNU CALIBRATION

BLDG 34 (NORTHSIDE) INDICATOR INSTALLATION
EXCAVATION SAMPLING (WATER SHUTOFF # 34-2)

DATE: 6/30/92
OPERATOR: JIM HASSETT

HNU SERIAL NO: A70129
eV OF PROBE: 10.2

CALIBRATION GAS: 9.8 span setting @ 57 ppm

INITIAL READING: 9.8 span setting @ 57 ppm

ADJUSTED SETTING: 9.8 span setting @ 57 ppm

NOTES:

ATTACHMENT 3

APPENDIX J, SECTION C-35

BLASLAND & BOUCK ENGINEERS, P.C.
(REQUEST FOR SAMPLING)

TO: Files

DATE: September 7, 1993

FROM: Bruce Eulian

FILE NO: 201.25.02

RE: UST 34-01 Sampling Program

INITIATOR: Pete Wojcik (GE)

DATE: 8-16-93

LOCATION: Bldg 34 (Outside South) - (Photos available in Pittsfield file)

CONTACT PERSON: Pete Wojcik (GE)

EXT: 5320

ITEM DESCRIPTION:

- 1.) Soil
- 2.) Concrete
- 3.) Asphalt

PROPOSE: To collect samples for GE to determine the proper disposal method for the soil, concrete and asphalt that was generated during the UST 34-01 excavation, located south of Bldg 34 (outside).

NOTES: The following sampling program was implemented at the request of Pete Wojcik (GE):

- 1.) Thirty-five (35) discrete-grab samples of soil, three (3) discrete full-core samples of concrete and three (3) discrete-grab samples of asphalt are to be sampled and analyzed for PCB's (Method 8080). Also, the soil and concrete samples are to be analyzed for Total Petroleum Hydrocarbons (TPH) by G.C.F.I.D.
- 2.) The soil samples are to be screened for Volatile Organic Compounds (VOC's) with a calibrated PID meter.
- 3.) If the PID reading on the soil samples are greater than or equal to 10 PPM the soil is to be sampled and analyzed for VOC's (Method 8240).
- 4.) GE requests that the PCB samples be analyzed at the Pittsfield OBG Laboratory and all other samples be analyzed at the Syracuse OBG Laboratory.

tjh

BLASLAND AND BOUCK ENGINEERS P.C.
SAMPLING PROGRAM FIELD SUMMARY

To: Files
From: Bruce Eulian
Re: UST 34-01 Sampling Program

Date: September 7, 1993
File No: 201.25.02
cc: Grant Bowman (GE)
Pete Wojcik (GE)

The following is a summary of the sampling program conducted on 8-17-93 and 8-18-93 on the soil, concrete and asphalt that was generated during the UST 34-01 excavation, located south of Bldg 34 (outside).

At the request of Pete Wojcik (GE), the following sampling program was implemented:

- Thirty-five (35) discrete-grab samples of soil were collected and analyzed for PCB's (Method 8080) and TPH by G.C.F.I.D.

- Three (3) discrete full-core samples of concrete were collected and analyzed for PCB's (Method 8080) and TPH by G.C.F.I.D.

- Three (3) discrete-grab samples of asphalt were collected and analyzed for PCB's (Method 8080).

The soil samples were screened with a calibrated PID meter and nine (9) were found to be greater than or equal to 10 PPM, therefore those soil samples were analyzed for VOC's (Method 8240).

A summary table of the sampling program has been included (Table 1) along with drawings showing the site location (Figure 1) and sample locations (Figure 2). Analytical reports provided by OBG Laboratories (Attachment 1) have also been included. In addition, calibration forms (Attachment 2) and the soil screening results (Attachment 3) have also been included.

UST 34-01 Sampling Program
(201.25.02)

Table 1

| ID | DATE SAMPLED | TOTAL PCB PPM | TOTAL TPH PPM | VOC's RESULTS | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH | SEE FIGURE |
|---------------|--------------|---------------|-----------------------|-----------------------|-----------------|-----------------|---------------|--------------|------------|
| UST-34-01-C1 | 8-17-93 | 1.3 | SEE OBG LAB REPORT | NR | 1 | SOIL | DISCRETE-GRAB | (0-1') | 2 |
| UST-34-01-C2 | 8-17-93 | 3.9 | SEE OBG LAB REPORT | NR | 2 | SOIL | DISCRETE-GRAB | (1-2') | 2 |
| UST-34-01-C3 | 8-17-93 | 1.1 | SEE OBG LAB REPORT | NR | 3 | SOIL | DISCRETE-GRAB | (2-3') | 2 |
| ST-34-01-C4 | 8-17-93 | <1.0 | SEE OBG LAB REPORT | SEE OBG LAB REPORT | 4 | SOIL | DISCRETE-GRAB | (0-1') | 2 |
| ST-34-01-C5 | 8-17-93 | <1.0 | SEE OBG LAB REPORT | NR | 5 | SOIL | DISCRETE-GRAB | (1-2') | 2 |
| ST-34-01-C6 | 8-17-93 | <1.0 | SEE OBG LAB REPORT | NR | 6 | SOIL | DISCRETE-GRAB | (2-3') | 2 |
| ST-34-01-C7 | 8-17-93 | 1.1 | SEE OBG LAB REPORT | NR | 7 | SOIL | DISCRETE-GRAB | (0-1') | 2 |
| 34-01-C8 | 8-17-93 | <1.0 | SEE OBG LAB REPORT | NR | 8 | SOIL | DISCRETE-GRAB | (1-2') | 2 |
| UST-34-01-C9 | 8-17-93 | <1.0 | SEE OBG LAB REPORT | SEE OBG LAB REPORT | 9 | SOIL | DISCRETE-GRAB | (2-3') | 2 |
| UST-34-01-C10 | 8-17-93 | <1.0 | SEE OBG LAB REPORT | SEE OBG LAB REPORT | 10 | SOIL | DISCRETE-GRAB | (0-1') | 2 |
| UST-34-01-C11 | 8-17-93 | 1.2 | SEE OBG LAB REPORT | NR | 11 | SOIL | DISCRETE-GRAB | (1-2') | 2 |
| ST-34-01-C12 | 8-17-93 | <1.0 | SEE OBG LAB REPORT | NR | 12 | SOIL | DISCRETE-GRAB | (2-3') | 2 |
| ST-34-01-C13 | 8-17-93 | <1.0 | SEE OBG LAB REPORT | SEE OBG LAB REPORT | 13 | SOIL | DISCRETE-GRAB | (0-1') | 2 |
| ST-34-01-C14 | 8-17-93 | <1.0 | SEE OBG LAB REPORT | SEE OBG LAB REPORT | 14 | SOIL | DISCRETE-GRAB | (1-2') | 2 |
| ST-34-01-C15 | 8-17-93 | 1.5 | SEE OBG LAB REPORT | NR | 15 | SOIL | DISCRETE-GRAB | (2-3') | 2 |

UST 34-01 Sampling Program
(201.25.02)

Table 1 (cont)

| DATE SAMPLED | TOTAL PCB PPM | TOTAL TPH PPM | VOC's RESULTS | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH | SEE FIGURE |
|-----------------------|------------------|-----------------------|------------------|--------------------|--------------------|---------------|-----------------|---------------|
| UST-34-01-C16 8-17-93 | 1.1 | SEE OBG LAB REPORT | NR | 16 | SOIL | DISCRETE-GRAB | (0-1') | 2 |
| UST-34-01-C17 8-17-93 | <1.0 | SEE OBG LAB REPORT | NR | 17 | SOIL | DISCRETE-GRAB | (1-2') | 2 |
| UST-34-01-C18 8-17-93 | <1.0 | SEE OBG LAB REPORT | NR | 18 | SOIL | DISCRETE-GRAB | (2-3') | 2 |
| UST-34-01-C19 8-17-93 | <1.0 | SEE OBG LAB REPORT | NR | 19 | SOIL | DISCRETE-GRAB | (0-1') | 2 |
| UST-34-01-C20 8-17-93 | 2.5 | SEE OBG LAB REPORT | NR | 20 | SOIL | DISCRETE-GRAB | (1-2') | 2 |
| UST-34-01-C21 8-17-93 | <1.0 | SEE OBG LAB REPORT | NR | 21 | SOIL | DISCRETE-GRAB | (2-3') | 2 |
| UST-34-01-C22 8-17-93 | <1.0 | SEE OBG LAB REPORT | NR | 22 | SOIL | DISCRETE-GRAB | (0-1') | 2 |
| UST-34-01-C23 8-17-93 | <1.0 | SEE OBG LAB REPORT | NR | 23 | SOIL | DISCRETE-GRAB | (1-2') | 2 |
| UST-34-01-C24 8-17-93 | <1.0 | SEE OBG LAB REPORT | NR | 24 | SOIL | DISCRETE-GRAB | (2-3') | 2 |
| UST-34-01-C25 8-17-93 | 1.7 | SEE OBG LAB REPORT | NR | 25 | SOIL | DISCRETE-GRAB | (0-1') | 2 |
| UST-34-01-C26 8-17-93 | <1.0 | SEE OBG LAB REPORT | NR | 26 | SOIL | DISCRETE-GRAB | (1-2') | 2 |
| UST-34-01-C27 8-17-93 | <1.0 | SEE OBG LAB REPORT | NR | 27 | SOIL | DISCRETE-GRAB | (2-3') | 2 |
| UST-34-01-C28 8-17-93 | <1.0 | SEE OBG LAB REPORT | NR | 28 | SOIL | DISCRETE-GRAB | (0-1') | 2 |
| UST-34-01-C29 8-18-93 | 1.3 | SEE OBG LAB REPORT | NR | 29 | SOIL | DISCRETE-GRAB | (1-2') | 2 |
| UST-34-01-C30 8-18-93 | 1.3 | SEE OBG LAB REPORT | NR | 30 | SOIL | DISCRETE-GRAB | (2-3') | 2 |

UST 34-01 Sampling Program
(201.25.02)

Table 1 (cont)

| UST ID | DATE SAMPLED | TOTAL PCB PPM | TOTAL TPH PPM | VOC's RESULTS | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH | SEE FIGURE |
|---------------|--------------|---------------|-----------------------|-----------------------|-----------------|------------------------------|-------------------------|--------------|------------|
| UST-34-01-C31 | 8-18-93 | 1.2 | SEE OBG LAB REPORT | SEE OBG LAB REPORT | 31 | SOIL FROM (NORTH WALL) | DISCRETE-GRAB | (0-1') | 2 |
| UST-34-01-C32 | 8-18-93 | <1.0 | SEE OBG LAB REPORT | SEE OBG LAB REPORT | 32 | SOIL FROM (SOUTH WALL) | DISCRETE-GRAB | (0-1') | 2 |
| UST-34-01-C33 | 8-18-93 | <1.0 | SEE OBG LAB REPORT | SEE OBG LAB REPORT | 33 | SOIL FROM (EAST END) | DISCRETE-GRAB | (0-1') | 2 |
| UST-34-01-C34 | 8-18-93 | <1.0 | SEE OBG LAB REPORT | NR | 34 | SOIL FROM (WEST END) | DISCRETE-GRAB | (0-1') | 2 |
| UST-34-01-C35 | 8-18-93 | <1.0 | SEE OBG LAB REPORT | SEE OBG LAB REPORT | 35 | SOIL FROM (BOTTOM OF PIT) | DISCRETE-GRAB | (0-1') | 2 |
| UST-34-01-C36 | 8-18-93 | <1.0 | SEE OBG LAB REPORT | NR | 36 | CONCRETE | DISCRETE (FULL-CORE) | (0-7") | 2 |
| UST-34-01-C37 | 8-18-93 | <1.0 | SEE OBG LAB REPORT | NR | 37 | CONCRETE | DISCRETE (FULL-CORE) | (0-7") | 2 |
| UST-34-01-C38 | 8-18-93 | <1.0 | SEE OBG LAB REPORT | NR | 38 | CONCRETE | DISCRETE (FULL-CORE) | (0-7") | 2 |
| UST-34-01-C39 | 8-18-93 | 1.0 | NR | NR | 39 | ASPHALT | DISCRETE-GRAB | (0-2") | 2 |
| UST-34-01-C40 | 8-18-93 | 1.2 | NR | NR | 40 | ASPHALT | DISCRETE-GRAB | (0-2") | 2 |
| UST-34-01-C41 | 8-18-93 | 1.0 | NR | NR | 41 | ASPHALT | DISCRETE-GRAB | (0-2") | 2 |

FIGURE 1

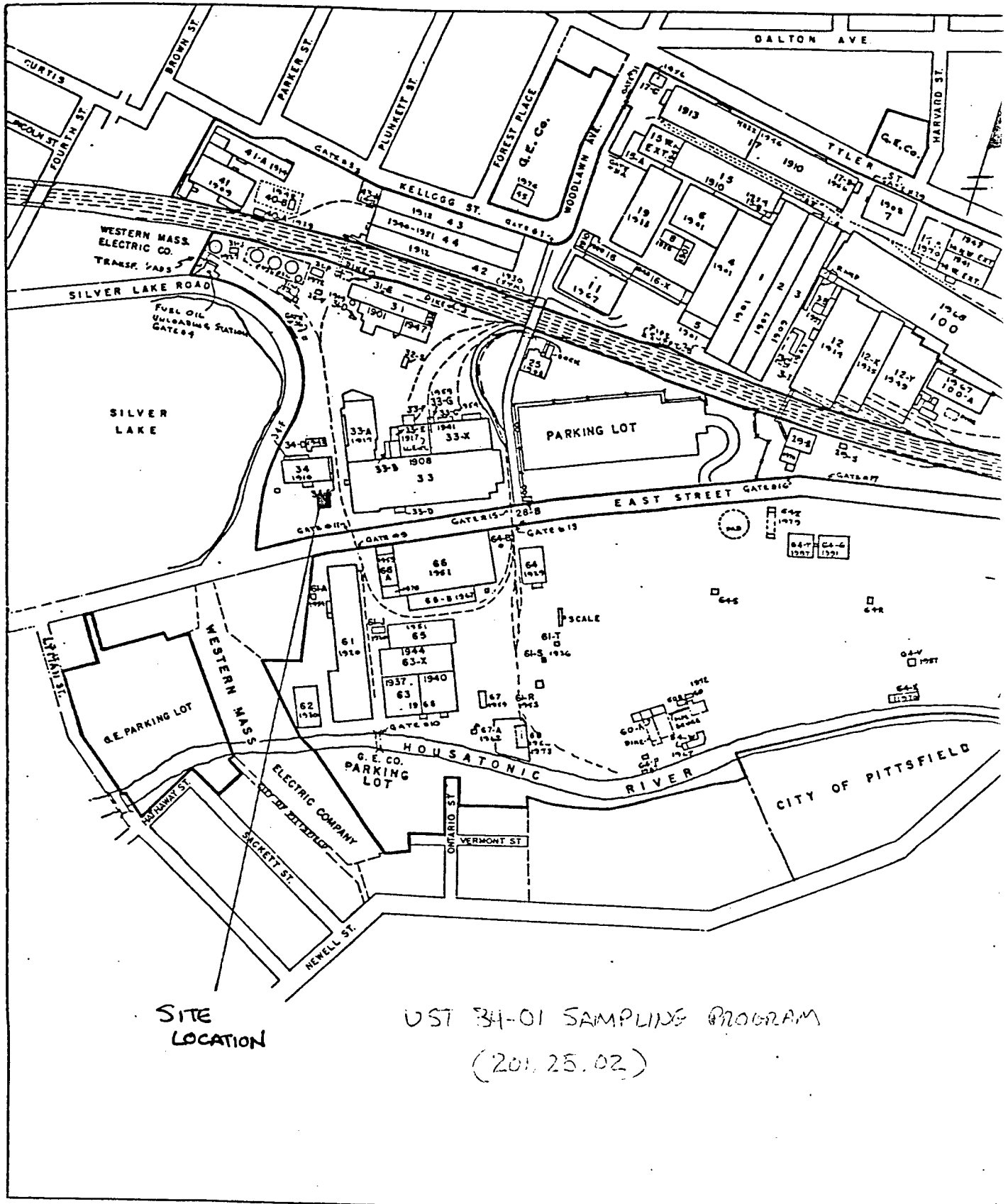
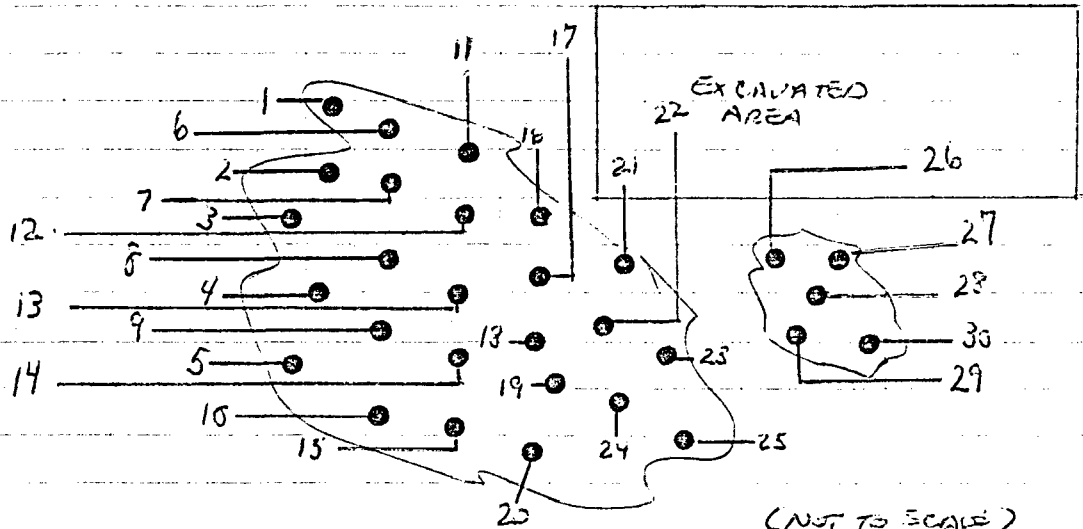
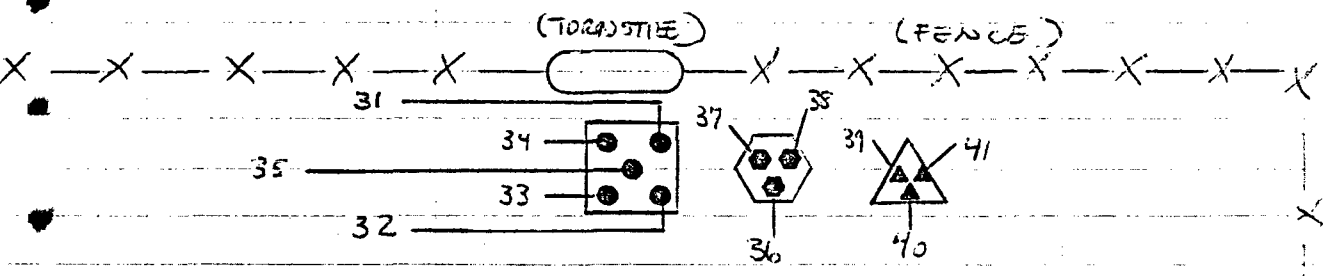
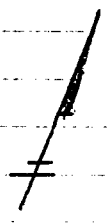


FIGURE 2

BLDG 34



(NOT TO SCALE)

LEGEND

- - SOIL PILE
- - SOIL SAMPLE LOCATION
- ⊕ - CONCRETE PILE
- ⊕ - CONCRETE SAMPLE LOCATION
- △ - ASPHALT PILE
- ▲ - ASPHALT SAMPLE LOCATION

□ - SHEET OF PLY WITH SOIL PILES FROM SIDES, ENDS AND BOTTOM PLACED ON IT

EAST ST

ATTACHMENT 1



Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield, MA B&B Job No. 201.25.02

UST 34-01 Sampling Program

Date Analyzed 8-20,21-93 DATE COLLECTED See Below DATE RECEIVED 8-18-93

| LAB ID NO. | DATE SAMPLED | PCB | COMMENTS | QC RESULTS |
|---------------------------|--------------|--------------|------------|------------|
| UST-34-01-C1 | 8-17-93 | 1.3 | soil | A |
| UST-34-01-C2 | | 3.9 | | |
| UST-34-01-C3 | | 1.1 | | |
| UST-34-01-C4 | | <1. | | |
| UST-34-01-C5 | | <1. | | |
| UST-34-01-C6 | | <1. | | |
| UST-34-01-C7 | | 1.1 | | |
| UST-34-01-C8 | | <1. | | |
| UST-34-01-C9 | | <1. | | |
| UST-34-01-C10 | | <1. | | |
| UST-34-01-C11 | | 1.2 | | |
| UST-34-01-C12 | | <1. | | |
| UST-34-01-C13 | | <1. | | |
| UST-34-01-C14 | | <1. | | |
| UST-34-01-C15 | | 1.5 | | |
| A) Reagent Blank 081893-1 | | <1. | | |
| Reference Sample 081893-1 | | 2.4/3. = 81% | | |
| Matrix Spike UST-34-01-C1 | | 2.7/3. = 90% | | |
| Matrix Spike Duplicate | | 2.6/3. = 87% | | |
| Precision | | 2.7 vs. 2.6 | RPD = 3.8% | |

Comments:

Certification No.: NY034

Units: mg/kg dry wt. (ppm)

Authorized:

Date: September 2, 1993



Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield, MA B&B Job No. 201.25.02

UST 34-01 Sampling Program

Date Analyzed 8-21-93 DATE COLLECTED See Below DATE RECEIVED 8-18-93

| LAB ID NO. | DATE SAMPLED | PCB | COMMENTS | QC RESULTS |
|----------------------------|--------------|---------|----------|------------|
| UST-34-01-C16 | 8-17,18-93 | 1.1 | soil | A |
| UST-34-01-C17 | | <1. | | |
| UST-34-01-C18 | | <1. | | |
| UST-34-01-C19 | | <1. | | |
| UST-34-01-C20 | | 2.5 | | |
| UST-34-01-C21 | | <1. | | |
| UST-34-01-C22 | | <1. | | |
| UST-34-01-C23 | | <1. | | |
| UST-34-01-C24 | | <1. | | |
| UST-34-01-C25 | | 1.7 | | |
| UST-34-01-C26 | | <1. | | |
| UST-34-01-C27 | | <1. | | |
| UST-34-01-C28 | | <1. | | |
| UST-34-01-C29 | | 1.3 | | |
| UST-34-01-C30 | | 1.3 | | |
| A) Reagent Blank 081993-1 | | <1. | | |
| Reference Sample 081993-1 | | 2.5/3. | = 83% | |
| Matrix Spike UST-34-01-C18 | | 2.3/3. | = 77% | |
| Matrix Spike Duplicate | | 2.3/3. | = 77% | |
| Precision | | 2.3/2.3 | RPD = 0% | |

Comments:

Certification No.: NY034

Units: mg/kg dry wt. (ppm)

Authorized:

Date: September 2, 1993



Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520
 DESCRIPTION G.E., Pittsfield, MA B&B Job No. 201.25.02
UST 34-01 Sampling Program
 Date Analyzed 8-20-93 DATE COLLECTED See Below DATE RECEIVED 8-18-93

| LAB ID NO. | DATE SAMPLED | PCB | COMMENTS | QC RESULTS |
|----------------------------|--------------|--------------|----------|------------|
| UST-34-01-C31 | 8-18-93 | 1.2 | soil | A |
| UST-34-01-C32 | ↓ | <1. | ↓ | ↓ |
| UST-34-01-C33 | | <1. | | |
| UST-34-01-C34 | | <1. | | |
| UST-34-01-C35 | | <1. | | |
| A) Reagent Blank 081993-1 | | <1. | | |
| Reference Sample 081993-1 | | 2.5/3. = 83% | | |
| Matrix Spike UST-34-01-C18 | | 2.3/3. = 77% | | |
| Matrix Spike Duplicate | | 2.3/3. = 77% | | |
| Precision | | 2.3 vs. 2.3 | RPD = 0% | |

Comments:

Certification No.: NY034

Units: mg/kg dry wt. (ppm)

Authorized: *Cathy Curran*
 Date: September 2, 1993



Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield, MA B&B Job No. 201.25.02

UST-34-01 Sampling Program

Date Analyzed 8-21-93 through 8-23-93 DATE COLLECTED See Below DATE RECEIVED 8-18-93

| LAB ID NO. | DATE SAMPLED | PCB | COMMENTS | QC RESULTS |
|-------------------------------|--------------|------------------------|----------|------------|
| UST-34-01-C36 | 8-18-93 | <1. | concrete | A & B |
| UST-34-01-C37 | ↓ | <1. | ↓ | ↓ |
| UST-34-01-C38 | ↓ | <1. | ↓ | ↓ |
| UST-34-01-C39 | ↓ | 1.0 | asphalt | A & C |
| UST-34-01-C40 | ↓ | 1.2 | ↓ | ↓ |
| UST-34-01-C41 | ↓ | 1.0 | ↓ | ↓ |
| A) Reagent Blank 081993-2 | | <1. | | |
| Reference Sample 081993-2 | | 7.5/9.0 = 83% | | |
| B) Matrix Spike UST-34-01-C38 | | 7.0/9.0 = 78% | | |
| Matrix Spike Duplicate | | 6.9/9.0 = 77% | | |
| Precision | | 7.0 vs. 6.9 RPD = 1.4% | | |
| C) Matrix Spike UST-34-01-C41 | | 2.6/4.5 = 58% | | |
| Matrix Spike Duplicate | | 2.7/4.5 = 60% | | |
| Precision | | 2.6 vs. 2.7 RPD = 3.8% | | |

Comments:

Certification No.: NY034

Units: mg/kg (ppm)

Authorized:

Date: September 2, 1993



Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517
 DESCRIPTION Pittsfield, MA B & B #201.25.02
UST 34-01 Sampling Program MATRIX: Solids
 Date Extracted 8-20-93 DATE COLLECTED 8-17-93 DATE RECEIVED 8-19-93
 Date Analyzed 8-24 to 8-26-93

| Description: | UST-34-01-C1 | UST-34-01-C2 | UST-34-01-C3 | UST-34-01-C4 | UST-34-01-C5 |
|--|--------------|--------------|--------------|--------------|--------------|
| Sample # | S5769 | S5770 | S5771 | S5772 | S5773 |
| Petroleum Analysis: | | | | | |
| GASOLINE | <61. | <60. | <60. | <61. | <63. |
| MINERAL SPIRITS | <13. | <12. | <13. | <13. | <13. |
| #1 FUEL (KEROSENE) | <57. | <56. | <56. | <57. | <59. |
| #2 FUEL (DIESEL) | <28. | <27. | <27. | <28. | <29. |
| #6 FUEL | <140. | <130. | <130. | <130. | <140. |
| LUBRICATING, INSULATING, OR HYDRAULIC OIL | <290. | <280. | <280. | <280. | <290. |
| Other Analysis: | | | | | |
| PERCENT TOTAL SOLIDS | 82. | 84. | 85. | 83. | 83. |

The samples were analyzed by gas chromatography with a capillary column and a flame ionization detector. The petroleum detected in the samples, if any, was compared to common petroleum products (i.e., gasoline, mineral spirits, kerosene, fuel oils and lubricating oils, etc.).

Comments:

Certification No.: NY034

Units: mg/kg dry weight

Authorized: Anthony Crescenzo
 Date: September 14, 1993



Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517
 DESCRIPTION Pittsfield, MA B & B #201.25.02
UST 34-01 Sampling Program MATRIX: Solid
 Date Extracted 8-20-93 DATE COLLECTED 8-17-93 DATE RECEIVED 8-19-93
 Date Analyzed 8-24 to 8-26-93

| Description: | UST-34-01-C6 | UST-34-01-C7 | UST-34-01-C8 | UST-34-01-C9 | UST-34-01-C10 |
|--|--------------|--------------|--------------|--------------|---------------|
| Sample # | S5774 | S5775 | S5776 | S5777 | S5778 |
| Petroleum Analysis: | | | | | |
| GASOLINE | <59. | <58. | <61. | <610. | <120. |
| MINERAL SPIRITS | <12. | <12. | <13. | 120. | 54. |
| #1 FUEL (KEROSENE) | <55. | <54. | <57. | <570. | <120. |
| #2 FUEL (DIESEL) | <27. | <26. | <28. | <280. | <57. |
| #6 FUEL | <130. | <130. | <130. | <1400. | <280. |
| LUBRICATING, INSULATING, OR HYDRAULIC OIL | <280. | <270. | <280. | <2900. | <580. |
| OTHER | - | - | - | 1) | 1) |
| Other Analysis: | | | | | |
| PERCENT TOTAL SOLIDS | 85. | 87. | 83. | 79. | 81. |

The samples were analyzed by gas chromatography with a capillary column and a flame ionization detector. The petroleum detected in the samples, if any, was compared to common petroleum products (i.e., gasoline, mineral spirits, kerosene, fuel oils and lubricating oils, etc.).

COMMENTS: 1) Unrecognizable hydrocarbon response in the Mineral Spirits range. Estimated concentration determined using a Mineral Spirits standard.

Comments:

Certification No.: NY034
 Units: mg/kg dry weight

Authorized: Anthony Curran
 Date: September 14, 1993



Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517
 DESCRIPTION Pittsfield, MA B & B #201.25.02
UST 34-01 Sampling Program MATRIX: Solid
 Date Extracted 8-20-93 DATE COLLECTED 8-17-93 DATE RECEIVED 8-19-93
 Date Analyzed 8-24 to 8-26-93

| Description: | UST-34-01-C11 | UST-34-01-C12 | UST-34-01-C13 | UST-34-01-C14 | UST-34-01-C15 |
|--|---------------|---------------|---------------|---------------|---------------|
| Sample # | S5779 | S5780 | S5781 | S5782 | S5783 |
| Petroleum Analysis: | | | | | |
| GASOLINE | <56. | <58. | <61. | <610. | <58. |
| MINERAL SPIRITS | <12. | <12. | <13. | 510. | <12. |
| #1 FUEL (KEROSENE) | <52. | <54. | <57. | <570. | <54. |
| #2 FUEL (DIESEL) | <26. | <26. | <28. | <280. | <26. |
| #6 FUEL | <120. | <130. | <130. | <1400. | <130. |
| LUBRICATING, INSULATING, OR HYDRAULIC OIL | <260. | <270. | <280. | <2900. | <270. |
| OTHER | - | - | - | 1) | - |
| Other Analysis: | | | | | |
| PERCENT TOTAL SOLIDS | 90. | 84. | 83. | 79. | 87. |

The samples were analyzed by gas chromatography with a capillary column and a flame ionization detector. The petroleum detected in the samples, if any, was compared to common petroleum products (i.e., gasoline, mineral spirits, kerosene, fuel oils and lubricating oils, etc.).

COMMENTS: 1) Unrecognizable hydrocarbon response in the Mineral Spirits range. Estimated concentration determined using a Mineral Spirits standard.

Comments:

Certification No.: NY034

Units: mg/kg dry weight

Authorized: Antony C...

Date: September 14, 1993



Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517
 DESCRIPTION Pittsfield, MA B & B #201.25.02
UST 34-01 Sampling Program MATRIX: Solid
 Date Extracted 8-20-93 DATE COLLECTED 8-17-93 DATE RECEIVED 8-19-93
 Date Analyzed 8-24 to 9-1-93

| Description: | UST-34-01 C16 | UST-34-01 C17 | UST-34-01 C18 | UST-34-01 C19 | UST-34-01- C20 |
|--|------------------|------------------|------------------|------------------|-------------------|
| Sample # | S5784 | S5785 | S5786 | S5787 | S5788 |
| Petroleum Analysis: | | | | | |
| GASOLINE | <60. | <59. | <59. | <59. | <58. |
| MINERAL SPIRITS | <12. | <12. | <12. | <12. | <12. |
| #1 FUEL (KEROSENE) | <56. | <55. | <54. | <55. | <54. |
| #2 FUEL (DIESEL) | <27. | <27. | <26. | <27. | <26. |
| #6 FUEL | <130. | 800. | <130. | <130. | <130. |
| LUBRICATING, INSULATING, OR HYDRAULIC OIL | <280. | <280. | 410. | <280. | <270. |
| OTHER | - | 1) | 2) | - | - |
| Other Analysis: | | | | | |
| PERCENT TOTAL SOLIDS | 84. | 85. | 87. | 85. | 81. |

The samples were analyzed by gas chromatography with a capillary column and a flame ionization detector. The petroleum detected in the samples, if any, was compared to common petroleum products (i.e., gasoline, mineral spirits, kerosene, fuel oils and lubricating oils, etc.).

COMMENTS: 1) Unrecognizable hydrocarbon response in the #6 Fuel range. Estimated concentration determined using a #6 Fuel standard.
 2) Unrecognizable hydrocarbon response in the Lubricating Oil range. Estimated concentration determined using a 10W30 standard.

Comments:

Certification No.: NY034

Units: mg/kg dry weight

Authorized: Anthony C...

Date: September 14, 1993



Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517
 DESCRIPTION Pittsfield, MA B & B #201.25.02
UST 34-01 Sampling Program MATRIX: Solid
 Date Extracted 8-23-93 DATE COLLECTED 8-17-93 DATE RECEIVED 8-19-93
 Date Analyzed 9-1-93

| Description: | UST-34-01-C21 | UST-34-01-C22 | UST-34-01-C23 | UST-34-01-C24 | UST-34-01-C25 |
|--|---------------|---------------|---------------|---------------|---------------|
| Sample # | S5789 | S5790 | S5791 | S5792 | S5793 |
| Petroleum Analysis: | | | | | |
| GASOLINE | <58. | <60. | <58. | <60. | <63. |
| MINERAL SPIRITS | <12. | <12. | <12. | <12. | <13. |
| #1 FUEL (KEROSENE) | <55. | <56. | <54. | <56. | <59. |
| #2 FUEL (DIESEL) | <27. | <27. | <26. | <27. | <29. |
| #6 FUEL | <130. | <130. | <130. | <130. | <140. |
| LUBRICATING, INSULATING, OR HYDRAULIC OIL | <270. | <280. | <270. | 870. | <290. |
| OTHER | - | - | - | 1) | - |
| Other Analysis: | | | | | |
| PERCENT TOTAL SOLIDS | 86. | 84. | 87. | 87. | 83. |

The samples were analyzed by gas chromatography with a capillary column and a flame ionization detector. The petroleum detected in the samples, if any, was compared to common petroleum products (i.e., gasoline, mineral spirits, kerosene, fuel oils and lubricating oils, etc.).

COMMENTS: 1) Unrecognizable hydrocarbon response in the Lubricating Oil range. Estimated concentration determined using a 10W30 standard.

Comments:

Certification No.: NY034
 Units: mg/kg dry weight

Authorized: *Authy*
 Date: September 14, 1993



Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517
 DESCRIPTION Pittsfield, MA B & B #201.25.02
UST 34-01 Sampling Program MATRIX: Solid
 Date Extracted 8-23-93 DATE COLLECTED 8-17,18-93 DATE RECEIVED 8-19-93
 Date Analyzed 8-31 to 9-1-93

| Description: | UST-34-01-C26 | UST-34-01-C27 | UST-34-01-C28 | UST-34-01-C29 | UST-34-01-C30 |
|--|---------------|---------------|---------------|---------------|---------------|
| Sample # | S5794 | S5795 | S5796 | S5797 | S5798 |
| Petroleum Analysis: | | | | | |
| GASOLINE | <55. | <54. | <54. | <54. | <54. |
| MINERAL SPIRITS | <11. | <11. | <11. | <11. | <11. |
| #1 FUEL (KEROSENE) | <52. | <50. | <50. | <51. | <50. |
| #2 FUEL (DIESEL) | <25. | <25. | <25. | <25. | <25. |
| #6 FUEL | <120. | <120. | <120. | <120. | <120. |
| LUBRICATING, INSULATING, OR HYDRAULIC OIL | <260. | <250. | <250. | <260. | <250. |
| Other Analysis: | | | | | |
| PERCENT TOTAL SOLIDS | 91. | 95. | 95. | 89. | 90. |

The samples were analyzed by gas chromatography with a capillary column and a flame ionization detector. The petroleum detected in the samples, if any, was compared to common petroleum products (i.e., gasoline, mineral spirits, kerosene, fuel oils and lubricating oils, etc.).

Comments:

Certification No.: NY034

Units: mg/kg dry weight

Authorized: 

Date: September 14, 1993



Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517
 DESCRIPTION Pittsfield, MA B & B #201.25.02
UST 34-01 Sampling Program MATRIX: Solid
 Date Extracted 8-23-93 DATE COLLECTED 8-18-93 DATE RECEIVED 8-19-93
 Date Analyzed 9-1,2-93

| Description: | UST-34-01-C31 | UST-34-01-C32 | UST-34-01-C33 | UST-34-01-C34 | UST-34-01-C35 |
|---|---------------|---------------|---------------|---------------|---------------|
| Sample # | S5823 | S5824 | S5825 | S5826 | S5827 |
| Petroleum Analysis: | | | | | |
| GASOLINE | <6300. | <6400. | <5800. | <66. | <6100. |
| MINERAL SPIRITS | 1300. | 1200. | 1100. | <14. | 2600. |
| #1 FUEL (KEROSENE) | <5900. | <6000. | <5400. | <62. | <5700. |
| #2 FUEL (DIESEL) | <2900. | <2900. | <2600. | <30. | <2800. |
| #6 FUEL | <14,000. | <14,000. | <13,000. | <150. | <13,000. |
| LUBRICATING, INSULATING, OR HYDRAULIC OIL | <30,000. | <30,000. | <27,000. | <310. | <28,000. |
| OTHER | 1) | 1) | 1) | - | 1) |
| Other Analysis: | | | | | |
| PERCENT TOTAL SOLIDS | 77. | 78. | 78. | 76. | 80. |

The samples were analyzed by gas chromatography with a capillary column and a flame ionization detector. The petroleum detected in the samples, if any, was compared to common petroleum products (i.e., gasoline, mineral spirits, kerosene, fuel oils and lubricating oils, etc.).

COMMENTS: 1) Unrecognizable hydrocarbon response in the Mineral Spirits range. Estimated concentration determined using a Mineral Spirits standard.

Comments:

Certification No.: NY034
 Units: mg/kg dry weight

Authorized: *Auth*
 Date: September 14, 1993



Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517
 DESCRIPTION Pittsfield, MA B & B #201.25.02
UST 34-01 Sampling Program MATRIX: Concrete
 Date Extracted 8-23-93 DATE COLLECTED 8-18-93 DATE RECEIVED 8-19-93
 Date Analyzed 9-2-93

| Description: | UST-34-01 C36 | UST-34-01 C37 | UST-34-01 C38 |
|--|------------------|------------------|------------------|
| Sample # | S5828* | S5829* | S5830* |
| Petroleum Analysis: | | | |
| GASOLINE | <1500. | <1500. | <1500. |
| MINERAL SPIRITS | <630. | <630. | <600. |
| #1 FUEL (KEROSENE) | <1400. | <1400. | <1400. |
| #2 FUEL (DIESEL) | <690. | <690. | <660. |
| #6 FUEL | <3300. | <3300. | <3300. |
| LUBRICATING, INSULATING, OR HYDRAULIC OIL | <7200. | <7200. | <6900. |

The samples were analyzed by gas chromatography with a capillary column and a flame ionization detector. The petroleum detected in the samples, if any, was compared to common petroleum products (i.e., gasoline, mineral spirits, kerosene, fuel oils and lubricating oils, etc.).

Comments: *Elevated detection limits due to matrix interferences.

Certification No.: NY034
Units: mg/kg

Authorized: *Arthur C...*
Date: September 14, 1993



Volatile Organics Method 8240

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517
 DESCRIPTION Pittsfield, MA B & B #201.25.02
UST 34-01 Sampling Program MATRIX: Soil
 DATE COLLECTED 8-17-93 DATE RECEIVED 8-19-93 DATE ANALYZED See Page 2

| DESCRIPTION: | UST-34-01-C4 | UST-34-01-C9 | UST-34-01-C10 | UST-34-01-C13 | UST-34-01-C14 | QC Trip Blank |
|----------------------------|--------------|--------------|---------------|---------------|---------------|---------------|
| SAMPLE NO.: | S5772 | S5777 | S5778 | S5781 | S5782 | S5799* |
| Chloromethane | <12. | <2100. | <62. | <24. | <7900. | <10. |
| Bromomethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Vinyl chloride | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Chloroethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Methylene chloride | <6. | <1100. | <31. | <12. | <4000. | <5. |
| Acetone | <12. | <2100. | 130. | <24. | <7900. | <10. |
| Carbon disulfide | <6. | <1100. | <31. | <12. | <4000. | <5. |
| 1,1-Dichloroethene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,1-Dichloroethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,2-Dichloroethene (total) | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Chloroform | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,2-Dichloroethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2-Butanone | <12. | <2100. | <62. | <24. | <7900. | <10. |
| 1,1,1-Trichloroethane | <6. | <1100. | <31. | <12. | <4000. | <5. |
| Carbon tetrachloride | <6. | <1100. | <31. | <12. | <4000. | <5. |
| Vinyl acetate | <12. | <2100. | <62. | <24. | <7900. | <10. |
| Bromodichloromethane | <6. | <1100. | <31. | <12. | <4000. | <5. |
| 1,2-Dichloropropane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| cis-1,3-Dichloropropene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Trichloroethene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Dibromochloromethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,1,2-Trichloroethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Benzene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |

Authorized: *Anthony...*
 Date: September 14, 1993



Volatile Organics Method 8240

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517
 DESCRIPTION Pittsfield, MA B & B #201.25.02
UST 34-01 Sampling Program MATRIX: Soil
 DATE COLLECTED 8-17-93 DATE RECEIVED 8-19-93 DATE ANALYZED See Below

| DESCRIPTION: | UST-34-01 C4 | UST-34-01 C9 | UST-34-01 C10 | UST-34-01 C13 | UST-34-01 C14 | QC Trip Blank |
|---------------------------|-----------------|-----------------|------------------|------------------|------------------|------------------|
| SAMPLE NO.: | S5772 | S5777 | S5778 | S5781 | S5782 | S5799* |
| trans-1,3-Dichloropropene | <6. | <1100. | <31. | <12. | <4000. | <5. |
| Bromoform | <6. | <1100. | <31. | <12. | <4000. | <5. |
| 4-Methyl-2-pentanone | <12. | <2100. | <62. | <24. | <7900. | <10. |
| 2-Hexanone | <12. | <2100. | <62. | <24. | <7900. | <10. |
| Tetrachloroethene | <6. | <1100. | <31. | <12. | <4000. | <5. |
| 1,1,2,2-Tetrachloroethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Toluene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Chlorobenzene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Ethylbenzene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Styrene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Xylene (total) | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Date Analyzed | 8-25-93 | 8-25-93 | 8-25-93 | 8-25-93 | 8-25-93 | 8-24-93 |

Comments: Elevated quantitation limits due to matrix complexity or interferences.

Methodology: EPA Target Compound List By 8240, SW-846
November 1986, 3rd Edition

Certification No.: NY034

Units: $\mu\text{g}/\text{kg}$ dry weight
* $\mu\text{g}/\text{l}$ Page 2 of 2

Authorized: *Anthony...*
Date: September 14, 1993



Volatile Organics Method 8240

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517
 DESCRIPTION Pittsfield, MA B & B #201.25.02
UST 34-01 Sampling Program MATRIX: Soil
 DATE COLLECTED 8-18-93 DATE RECEIVED 8-19-93 DATE ANALYZED See Page 2

| DESCRIPTION: | UST-34-01-C31 | UST-34-01-C32 | UST-34-01-C33 | UST-34-01-C35 | QC Trip Blank |
|----------------------------|---------------|---------------|---------------|---------------|---------------|
| SAMPLE NO.: | S5823 | S5824 | S5825 | S5827 | S5831* |
| Chloromethane | <6500. | <3200. | <64. | <16,000. | <10. |
| Bromomethane | ↓ | ↓ | ↓ | ↓ | ↓ |
| Vinyl chloride | ↓ | ↓ | ↓ | ↓ | ↓ |
| Chloroethane | ↓ | ↓ | ↓ | ↓ | ↓ |
| Methylene chloride | <3200. | <1600. | <32. | <7800. | <5. |
| Acetone | <6500. | <3200. | <64. | <16,000. | <10. |
| Carbon disulfide | <3200. | <1600. | <32. | <7800. | <5. |
| 1,1-Dichloroethene | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,1-Dichloroethane | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,2-Dichloroethene (total) | ↓ | ↓ | ↓ | ↓ | ↓ |
| Chloroform | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,2-Dichloroethane | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2-Butanone | <6500. | <3200. | <64. | <16,000. | <10. |
| 1,1,1-Trichloroethane | <3200. | <1600. | <32. | <7800. | <5. |
| Carbon tetrachloride | <3200. | <1600. | <32. | <7800. | <5. |
| Vinyl acetate | <6500. | <3200. | <64. | <16,000. | <10. |
| Bromodichloromethane | <3200. | <1600. | <32. | <7800. | <5. |
| 1,2-Dichloropropane | ↓ | ↓ | ↓ | ↓ | ↓ |
| cis-1,3-Dichloropropene | ↓ | ↓ | ↓ | ↓ | ↓ |
| Trichloroethene | ↓ | ↓ | ↓ | ↓ | ↓ |
| Dibromochloromethane | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,1,2-Trichloroethane | ↓ | ↓ | ↓ | ↓ | ↓ |
| Benzene | ↓ | ↓ | ↓ | ↓ | ↓ |

Authorized: *Anthony C...*
 Date: September 14, 1993



Volatile Organics

Method 8240

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517
 DESCRIPTION Pittsfield, MA B & B #201.25.02
UST 34-01 Sampling Program MATRIX: Soil
 DATE COLLECTED 8-18-93 DATE RECEIVED 8-19-93 DATE ANALYZED See Below

| DESCRIPTION: | UST-34-01 C31 | UST-34-01 C32 | UST-34-01 C33 | UST-34-01 C35 | QC Trip Blank |
|---------------------------|------------------|------------------|------------------|------------------|------------------|
| SAMPLE NO.: | S5823 | S5824 | S5825 | S5827 | S5831* |
| trans-1,3-Dichloropropene | <3200. | <1600. | <32. | <7800. | <5. |
| Bromoform | <3200. | <1600. | <32. | <7800. | <5. |
| 4-Methyl-2-pentanone | <6500. | <3200. | <64. | <16,000. | <10. |
| 2-Hexanone | <6500. | <3200. | <64. | <16,000. | <10. |
| Tetrachloroethene | <3200. | <1600. | <32. | <7800. | <5. |
| 1,1,2,2-Tetrachloroethane | ↓ | ↓ | ↓ | ↓ | ↓ |
| Toluene | ↓ | ↓ | ↓ | ↓ | ↓ |
| Chlorobenzene | ↓ | ↓ | ↓ | ↓ | ↓ |
| Ethylbenzene | ↓ | ↓ | ↓ | ↓ | ↓ |
| Styrene | ↓ | ↓ | ↓ | ↓ | ↓ |
| Xylene (total) | ↓ | ↓ | ↓ | ↓ | ↓ |
| Date Analyzed | 8-26-93 | 8-25-93 | 8-25-93 | 8-26-93 | 8-24-93 |

Comments: Elevated quantitation limits due to matrix complexity or interferences.

Methodology: EPA Target Compound List By 8240, SW-846
November 1986, 3rd Edition

Certification No.: NY034

Units: $\mu\text{g}/\text{kg}$ dry weight
* $\mu\text{g}/\text{l}$ Page 2 of 2

Authorized: *Anthony...*
Date: September 14, 1993

ATTACHMENT 2

HNU CALIBRATION
VST 34-01 SAMPLING PROGRAM
(20-25.02)

DATE: 8-17-93
OPERATOR: Jim HASSETT

HNU SERIAL NO: A70129
eV OF PROBE: 10.2

CALIBRATION GAS: 9.8 span setting @ 57 ppm

INITIAL READING: 9.8 span setting @ 47 ppm

ADJUSTED SETTING: 8.1 span setting @ 57 ppm

NOTES:

HNU CALIBRATION
VST 34-01 SAMPLES- PROGRAM
(207.25.52)

DATE: 8-17-93
OPERATOR: JIM HASSON

HNU SERIAL NO: A70129
eV OF PROBE: 10.2

CALIBRATION GAS: 9.8 span setting @ 57 ppm

INITIAL READING: 9.8 span setting @ 35 ppm

ADJUSTED SETTING: 6.0 span setting @ 57 ppm

NOTES:

3)

HNU CALIBRATION
VST 34-01 SAMPLING PROGRAM
(201-25.02)

DATE: 8-18-93
OPERATOR: JIM HASSETT

HNU SERIAL NO: A90129
eV OF PROBE: 10.2

CALIBRATION GAS: 9.80 span setting @ 57 ppm

INITIAL READING: 9.80 span setting @ 35 ppm

ADJUSTED SETTING: 5.96 span setting @ 57 ppm

NOTES:

HNU CALIBRATION
VST 34-01 SAMPLING PROGRAM
(2.07.25.02)

DATE: 8-18-93
OPERATOR: JIM NASSETTI

HNU SERIAL NO: A70129
eV OF PROBE: 13.2

CALIBRATION GAS: 9.8 span setting @ 57 ppm

INITIAL READING: 9.8 span setting @ 54 ppm

ADJUSTED SETTING: 9.4 span setting @ 57 ppm

NOTES:

HNU WAS CLEANED BEFORE CALIBRATION

ATTACHMENT 3



BLASLAND & BOUCK ENGINEERS, P.C.
 6723 Tow Path Road, Box 66, Syracuse, New York 13214
 (315) 446-9120

CHAIN OF CUSTODY RECORD

| PROJECT NO. | PROJECT NAME | LAB ID | CUSTODY-TAPE NUMBER | DATE | TIME | COMP. | GRAB | SAMPLE TYPE | | | NO. OF CONTAINERS | REMARKS |
|-------------|----------------------------|--|---------------------|---------|------|-------|------|-------------|------|-------|-------------------|---------|
| | | | | | | | | SOLID | WIPE | WATER | | |
| 241.25.02 | UST 34-01 SAMPLING PROGRAM | UST-34-01-C31 | (SOL) | 8-18-93 | 0750 | | X | | | 1 | | |
| | | UST-34-01-C32 | (SOL) | 8-18-93 | 0800 | | X | | | 1 | | |
| | | UST-34-01-C33 | (SOL) | 8-18-93 | 0810 | | X | | | 1 | | |
| | | UST-34-01-C34 | (SOL) | 8-18-93 | 0820 | | X | | | 1 | | |
| | | UST-34-01-C35 | (SOL) | 8-18-93 | 0830 | | X | | | 1 | | |
| | | UST-34-01-C36 | (COMPOSITE) | 8-18-93 | 0845 | | X | | | 1 | | |
| | | UST-34-01-C37 | (COMPOSITE) | 8-18-93 | 0900 | | X | | | 1 | | |
| | | UST-34-01-C38 | (COMPOSITE) | 8-18-93 | 0915 | | X | | | 1 | | |
| | | UST-34-01-C39 | (ASPHALT) | 8-18-93 | 0930 | | X | | | 1 | | |
| | | UST-34-01-C40 | (ASPHALT) | 8-18-93 | 0945 | | X | | | 1 | | |
| | | UST-34-01-C41 | (ASPHALT) | 8-18-93 | 1000 | | X | | | 1 | | |
| | | RECEIVED BY: (SIGNATURE) _____ DATE/TIME _____ RECEIVED FOR LABORATORY BY: (SIGNATURE) _____ DATE/TIME _____ REMARKS: DELIVERED TO PITHEAD O&G LAB | | | | | | | | | | |

BLASLAND & BOUCK ENGINEERS, P.C.
(REQUEST FOR SAMPLING)

TO: Files

DATE: November 5, 1993

FROM: Bruce Eulian

FILE NO: 201.25.02

RE: UST 34-01 Sampling Program
(11-4-93)

INITIATOR: Grant Bowman (GE)

DATE: 11-2-93

LOCATION: Bldg 34 (Outside South)

CONTACT PERSON: Grant Bowman (GE)

EXT: 2700

ITEM DESCRIPTION:

1.) Soil

PURPOSE: To collect samples for GE to determine the proper disposal method for remaining soil piles that were generated during the UST 34-01 excavation, located south of Bldg 34 (outside).

NOTES: The following sampling program was implemented at the request of Grant Bowman (GE):

1.) One (1) field-composite sample of the remaining soil piles from the UST 34-01 excavation is to be sampled and analyzed for Total Petroleum Hydrocarbons (TPH) (Method 418.1).

2.) GE requests that the sample collected be analyzed at the Syracuse NY OBG Laboratory.

jjh

DELIVERED TO
GRANT BOWMAN (GE)
11-22-93

BLASLAND AND BOUCK ENGINEERS P.C.

SAMPLING PROGRAM FIELD SUMMARY

To: Files
From: Bruce Eulian
Re: UST 34-01 Sampling Program
(11-4-93)

Date: November 5, 1993
File No: 201.25.02
cc: Grant Bowman (GE)
Pete Wojcik (GE)

The following is a summary of the sampling program conducted on 11-4-93 on the remaining soil piles that were generated during the UST 34-01 excavation, located south of Bldg 34 (outside).

At the request of Grant Bowman (GE), the following sampling program was implemented:

One (1) field-composite sample of the remaining soil piles from the UST 34-01 excavation was collected and analyzed for TPH (Method 418.1).

A summary table of the sampling program has been included (Table 1) along with drawings showing the site location (Figure 1) and sample locations (Figure 2). A preliminary analytical report provided by OBG Laboratories (Attachment 1) has also been included.

jjh

UST 34-01 Sampling Program
(11-4-93)

(201.25.02)

Table 1

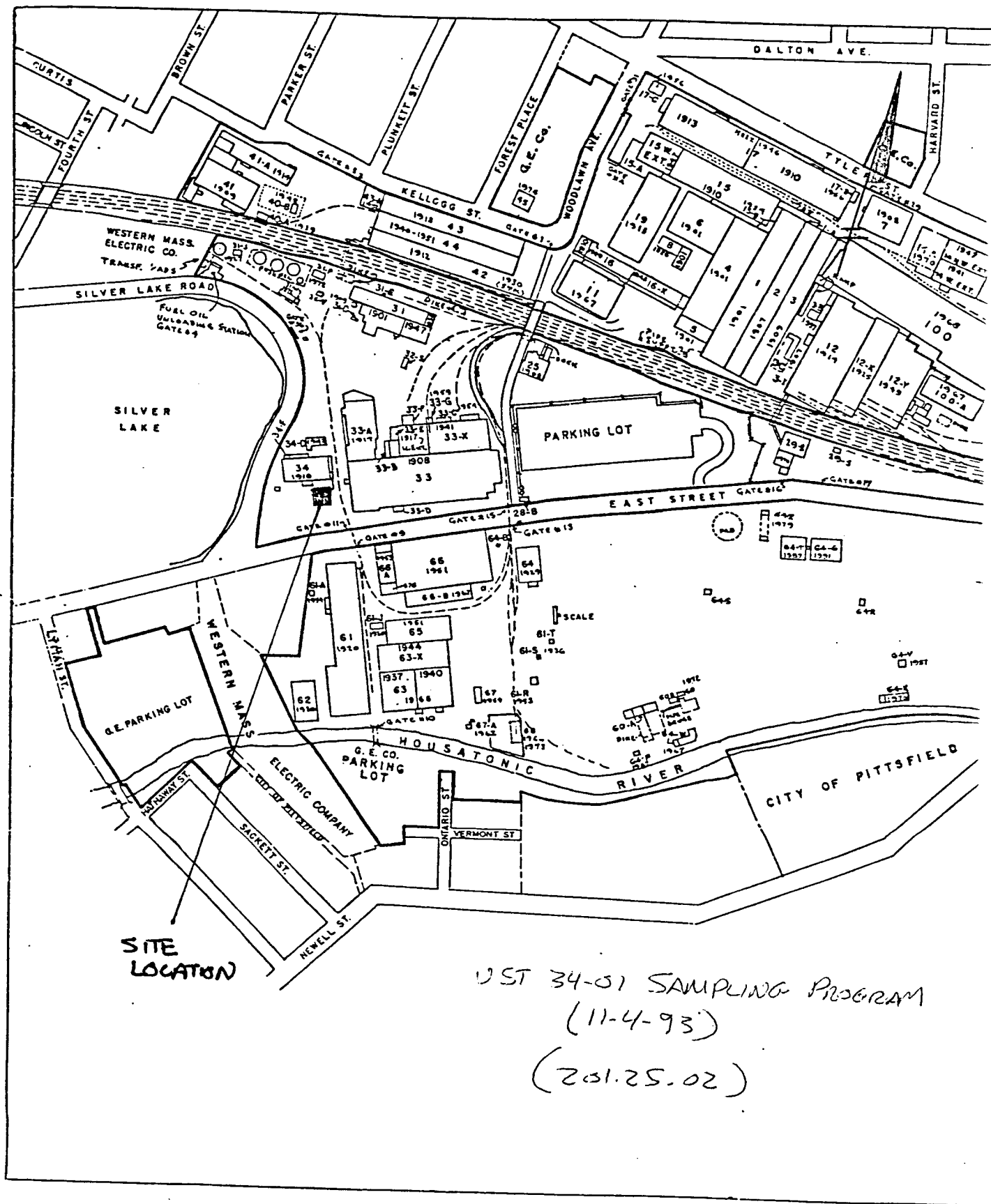
| LAB ID | DATE SAMPLED | TPH (METHOD 418.1) | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH | SEE FIGURE |
|---------------|-----------------|-----------------------|--------------------|--------------------|-----------------|-----------------|---------------|
| UST-34-01-C49 | 11-4-93 | | 53-63 | SOIL (SEE NOTE) | FIELD-COMPOSITE | (0-3') | 2 |

NOTES:

- THIS SAMPLE WAS COLLECTED FROM THE REMAINING SOIL PILES FROM THE UST 34-01 EXCAVATION.
- SAMPLE LOCATIONS 1-41 CAN BE FOUND ON REPORT DATED SEPTEMBER 7, 1993.
- SAMPLE LOCATIONS 42-52 CAN BE FOUND ON REPORT DATED SEPTEMBER 29, 1993.

jhh

FIGURE 1

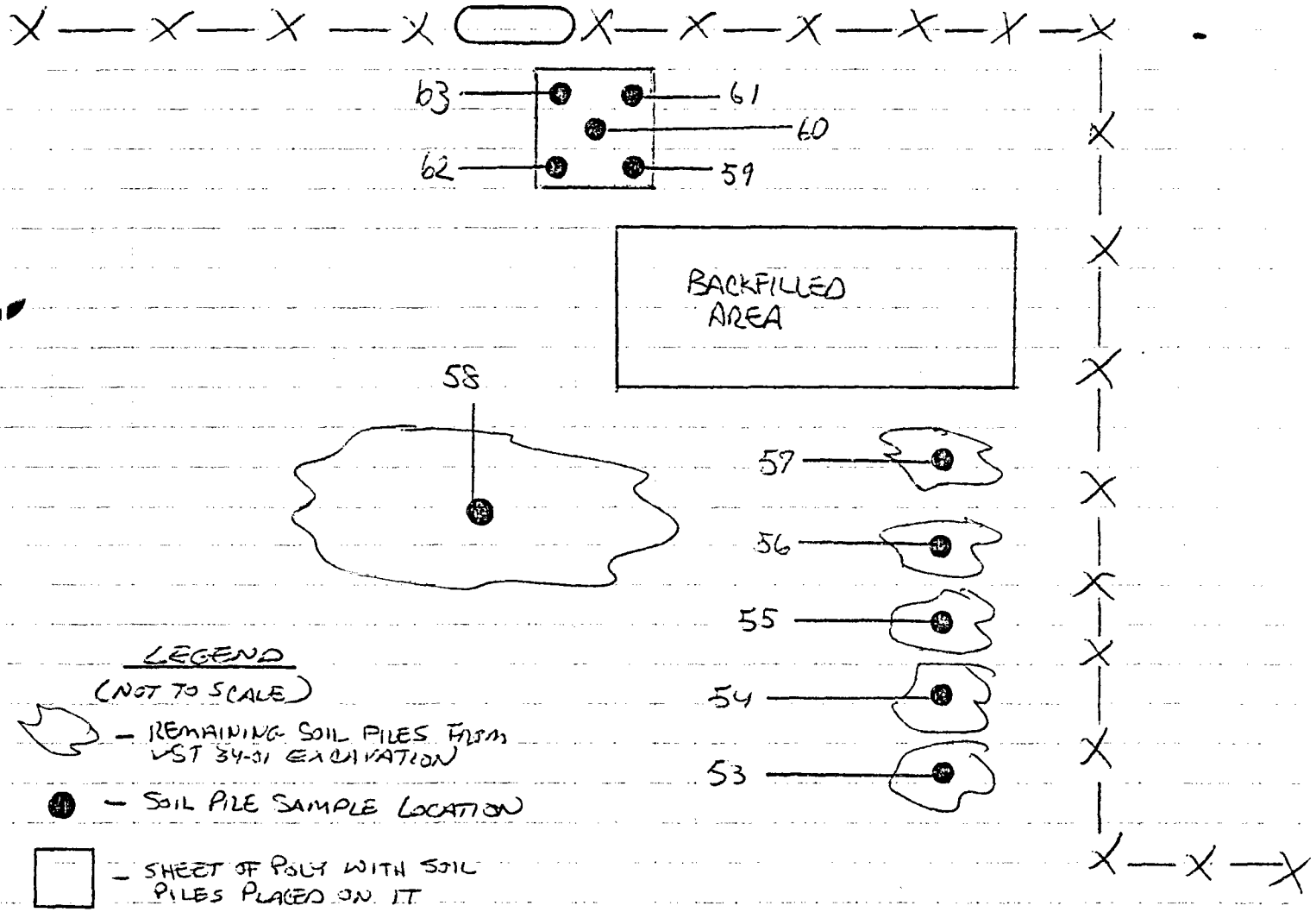


| | | | | |
|--|------------------------|-----------|-----------------|-----------------|
| SUBJECT OST 34-31 SAMPLING PROGRAM (11-4-93) | PROJ. NO. 201.25.02 | BY JJH | DATE 11/5/93 | SHEET 1 OF 1 |
|--|------------------------|-----------|-----------------|-----------------|

BLDG 34

FIGURE 2

(TURNSTILE)



ATTACHMENT 1

1001001

To: Bruce Eulow
 Job #: 2487.026.517
 From: A. Crescenzi
 1 ABS (315)437-0200/463-7554 Fax

PACKAGE / SAMPLE SCHEDULE
 Friday, Nov 5, 1993
 Project Manager: A C
 Page 1 of 1

DBB

887.026

Job No.: 2887.26.517 Client: Blastand & Bouck Engineers, P.C.
 Project: Pittsfield, MA Description: USI 34-01 Sampling Program #201.25.02
 Scheduled: Friday, Nov-5 Pkg Due: Tuesday, Nov-9
 Package number: 8976 qc level: 1
 Samples: 59706 - 9706 Number of samples: 1
 Certification: NY034
 Comments: **** 96 HOUR RUSH **TUE** WEDNESDAY PER AC.****

SCHEDULED SAMPLES

| Samples Number | Group | Parameter | ID | Method | Matrix | Schedule Comments | Hold Due |
|----------------|-------|-----------|----|--------|--------|-------------------|----------|
|----------------|-------|-----------|----|--------|--------|-------------------|----------|

| | | | | | | | |
|--------------|---------|------------------------------|-----|---------------|-------|-----------------------------|--------|
| 59706 - 9706 | 1 (UCL) | % Total Solids | 828 | S.M. 16 209F | Solid | 85, | Nov-09 |
| 59706 - 9706 | 1 (UCL) | Total petroleum hydrocarbons | 922 | EPA 418.1 Mod | Solid | 420. (mg./kg Dry wt. (ppm)) | Nov-09 |

LIST OF ALL SAMPLES IN PACKAGE:

| Sample | Description | Bin | Type | Collected | Received | Due | Sample Log Comments |
|--------|------------------|-----|------|-----------|-------------|-------|---------------------|
| 59706 | U.S.I. 34-01-C69 | 71 | Grab | NOV-4 | NOV-5 11:00 | NOV-9 | |

PRELIMINARY
 NOV 10 1993

APPENDIX J, SECTION C-36

BLASLAND AND BOUCK ENGINEERS P.C.

To: Files
From: Bruce Eulian
Re: Bldg.34 Parking Lot Soil Sampling

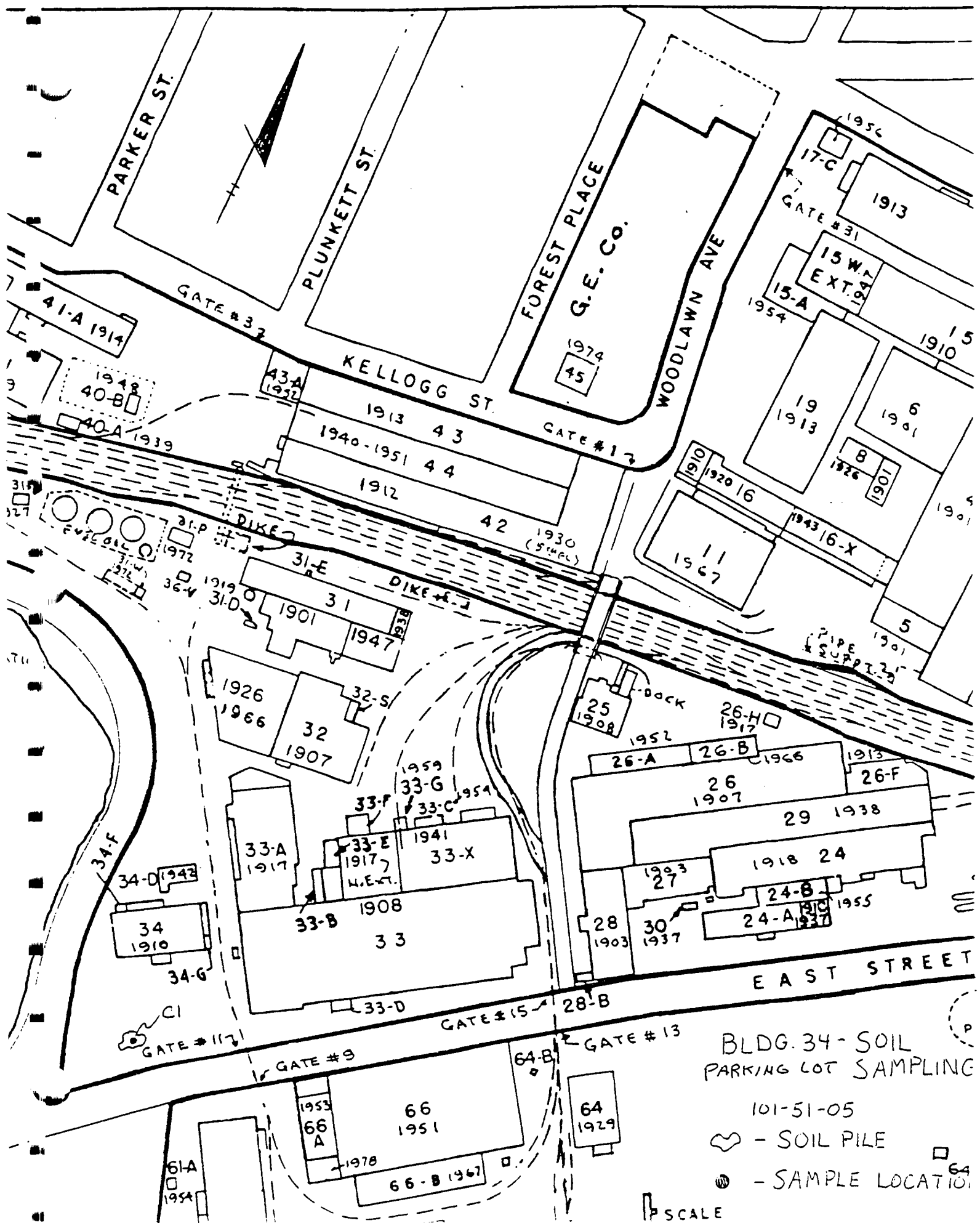
Date: 07/12/90
File No: 101-51-05
cc: Grant Bowman (GE)

The following is a summary of the sample results for the PCB sampling program conducted in the Bldg.34 Parking lot on 07/11/90. A drawing showing the sample location is attached (see figure 1). An analytical Report provided by OBG Laboratories has also been included.

PCB SAMPLING RESULTS METHOD 8090

| LAB ID | TOTAL PCB PPM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH |
|------------|------------------|-----------------|-----------------|---------------|--------------|
| 34-SOIL-C1 | 4.4 | C1 | SOIL | DISCRETE-GRAB | 0'-2' |

bee



APPENDIX J, SECTION C-37

BLASLAND AND BOUCK ENGINEERS P.C.

SAMPLING PROGRAM FIELD SUMMARY

To: Files
From: Bruce Eulian
Re: Bldg 61 (West Side) Water Main Repair
Excavation Sampling

Date: 2-11-92
File No: 101-75-22
cc: Grant Bowman (GE)

The following is a summary of samples (Table 1) collected 2-3-92 from soil and concrete generated during an emergency repair of a water main outside Bldg 61. Approximately 10 cu yds of soil and 1 cu yd of concrete was generated during the repair. At the request of Aimee Cole (GE), 3 discrete grab samples of soil and 1 discrete full core sample of the concrete were collected and analyzed for PCB's using Method 8080. All soil samples were screened with a calibrated PID Meter and found to be less than 10 ppm, therefore soil did not have to be analyzed for VOC's using Method 8240, as per the Protocols For The Management of Excavated Soils, dated April 1990.

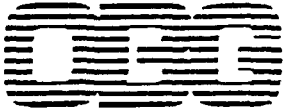
Drawings showing the site location (Figure 1) and sample locations (Figure 2) have been attached. An analytical report provided by OBG Laboratories has also been included (Attachment 1). In addition, a PID calibration form and soil screening results have also been provided (Attachment 2).

Bldg 61 (West side) Water Main Repair
Excavation Sampling
101-75-22

Table 1

D 8080

| TOTAL PCB PPM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE DEPTH | SEE FIGURE |
|------------------|-----------------|-----------------|-----------------|---------------|
| 3.4 | 1 | SOIL | DISCRET 0-18" | 2 |
| 7.4 | 2 | SOIL | DISCRET 18"-24" | 2 |
| 14.0 | 3 | SOIL | DISCRET 24"-36" | 2 |
| <1.0 | 4 | CONCRETE | DISCRET 0-6" | 2 |



LABORATORIES, INC.

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520
 DESCRIPTION G.E., Pittsfield, MA B&B Job No. 101.75.22
Building 61 West Side Water Main Sampling
 Date Analyzed 2-3-92 DATE COLLECTED See Below DATE RECEIVED 2-5-92

LAB ID NO.

DATE SAMPLED

PCB

COMMENTS QC RESULTS

61WS-C1
 61WS-C2
 61WS-C3
 61WS-C4

2-3-92
 ↓

3.4
 7.4
 14.
 <1.
 concrete

soil
 ↓

A
 ↓

A) Reagent Blank 1

Reference Sample 1

Matrix Spike 6-19-SL-C2

Matrix Spike Duplicate

Precision

<1.

2.6/3.3 = 79%

2.9/3.3 = 88%

2.7/3.3 = 82%

2.9 vs. 2.7 RPD = 7.1%

Comments:

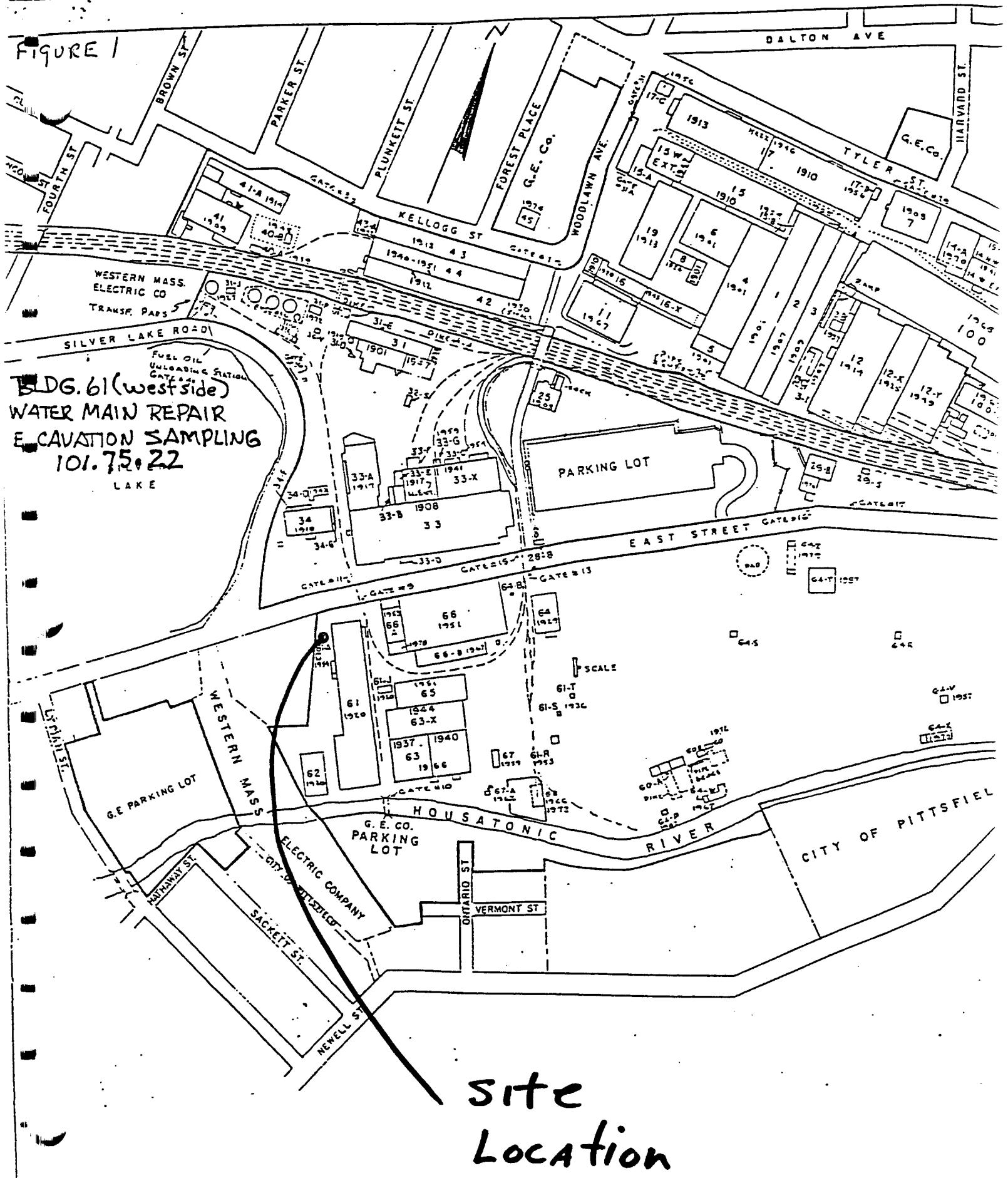
Certification No.: NY034

Units: soil: mg/kg dry weight
 concrete: mg/kg original weight

Authorized: 

Date: February 15, 1992

FIGURE 1

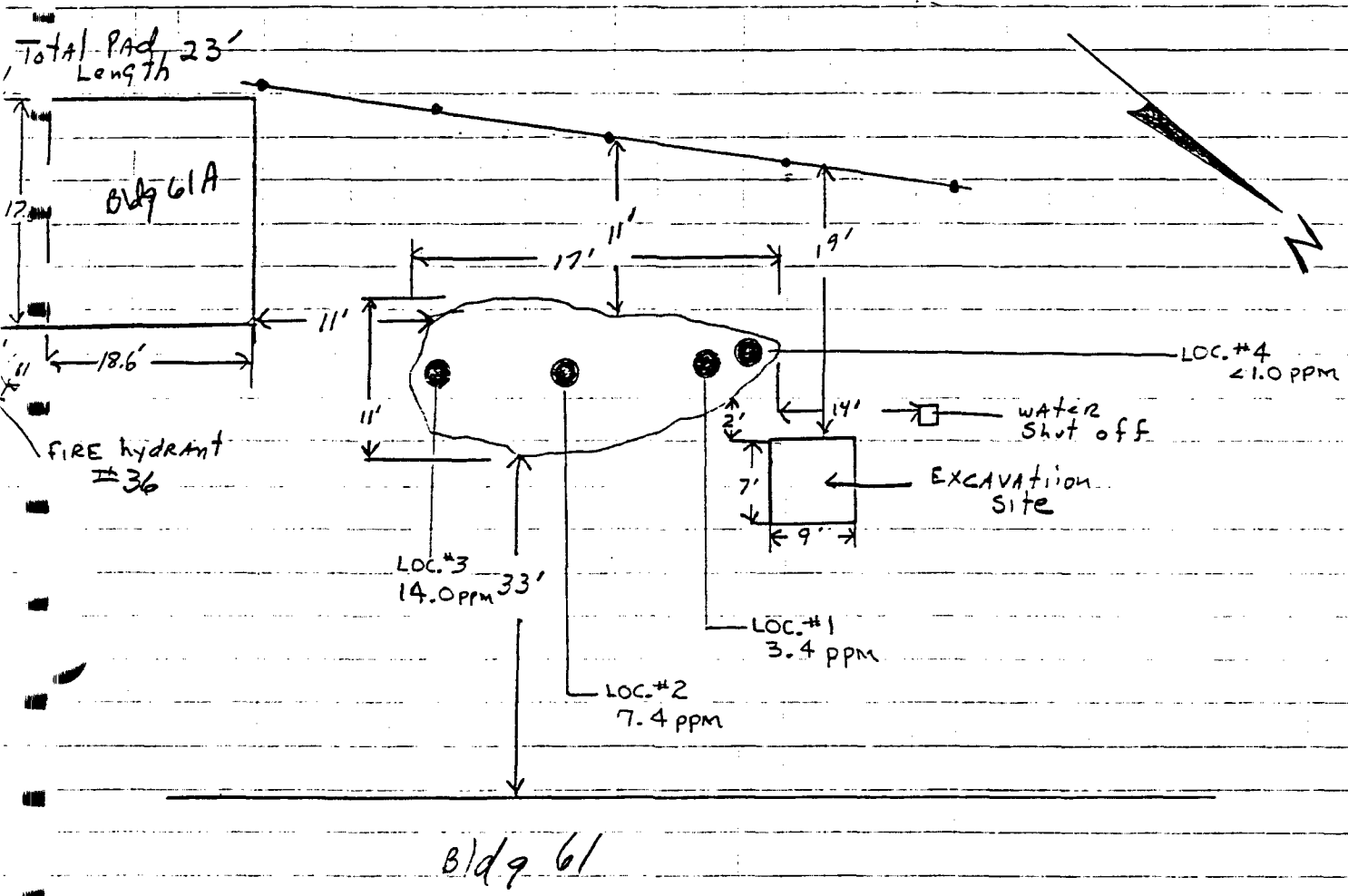


site
Location

| | | | | |
|---|-----------|-------|--------|--------|
| SUBJECT | PROJ. NO. | BY | DATE | SHEET |
| Bldg. 61 (WESTSIDE) WATER MAIN REPAIR EXCAVATION SAMPLING | 101-75-22 | BC RH | 2-3-92 | 1 of 1 |

NOT TO SCALE

FIGURE 2



● - SAMPLE LOCATION

Bldg. 61 (west side) Water Main
Repair Excavation Sampling

101-75-22

APPENDIX J, SECTION C-38

BLASLAND AND BOUCK ENGINEERS P.C.

To: Files
From: Bruce Eulian
Re: Bldg.61 N.E. Catch Basin Sampling

Date: 06/19/90
File No: 101-98-11
cc: Grant Bowman (GE)
Pete Wojcik (GE)

The following is a summary of the sample results for the PCB sampling program conducted outside Bldg.61. A drawing showing the sample location is attached (see figure 1). An analytical Report provided by GBE Laboratories has also been included.

PCB SAMPLING RESULTS

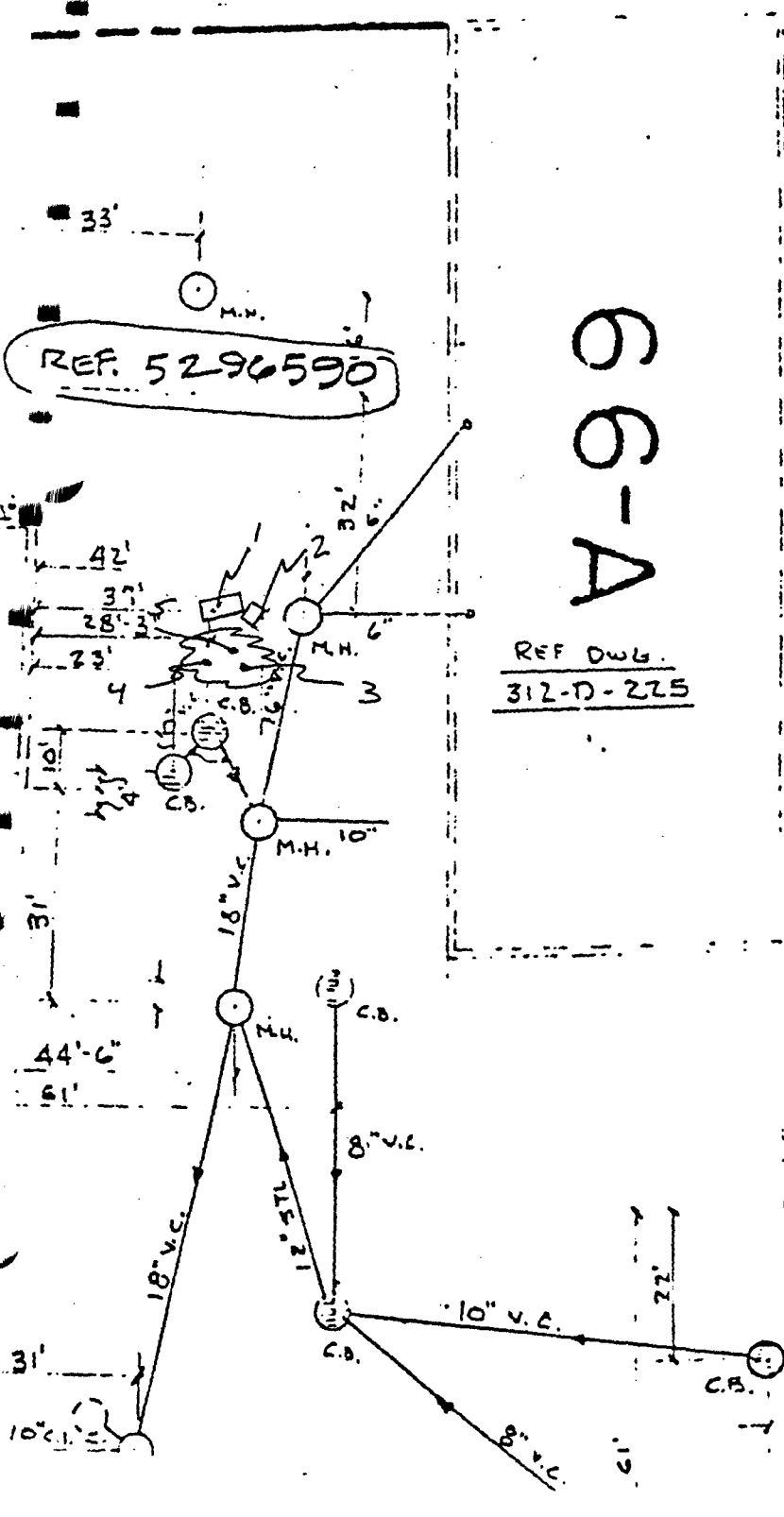
| LAB ID | TOTAL PCB PPM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH | SAMPLE DATE |
|----------|------------------|-----------------|-----------------|---------------|-----------------|----------------|
| 61-CB-C1 | <2 | 1 | ASPHALT | DISCRETE-CORE | 0"-3" | 06/12/90 |
| 61-CB-C2 | <2 | 2 | CONCRETE | DISCRETE-CORE | 0"-4" | 06/12/90 |
| 61-CB-C3 | <2 | 3 | SOIL | DISCRETE-GRAB | 0'-2' | 06/13/90 |
| 61-CB-C4 | 5.4 | 4 | SOIL | DISCRETE-GRAB | 0'-2' | 06/13/90 |
| 61-CB-C5 | 7.1 | 5 | SOIL | DISCRETE-GRAB | 0'-2' | 06/13/90 |

bee

CITY 18" DRAIN

REF. DWG. 578-E-133

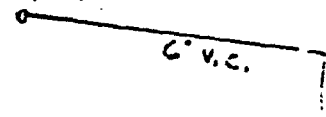
AST



REF. 5296590

66-A

REF DWG.
312-D-225



MCP SAMPLING BLDG 61
NE CATCH BASIN SAMPLING
101-98-11

- - SAMPLE LOCATION (ASPHALT)
- - SAMPLE LOCATION (CONCRETE)
- ☁ - SAMPLE LOCATION (SOIL PILE)

APPENDIX J, SECTION C-39

DELIVERED TO
GRANT BOWMAN (GE)
10-6-91

BLASLAND AND BOUCK ENGINEERS P.C.

To: Files
From: Bruce Eulian
Re: Bldg 66 (Outside West-End) Combination
of Projects Sampling

Date: 10-19-91
File No: 101-75-22
cc: Grant Bowman (GE)

The following is a summary of the sample results for the PCB and TCLP sampling program conducted outside Bldg 66 (West end) on 10-16-91. A drawing showing the sample location is attached (see figure 1). A preliminary analytical report provided by OBG Laboratories and a final analytical report provided by Alpha Analytical Laboratories has also been included.

PCB SAMPLING RESULTS METHOD 8080

| LAB ID | TOTAL PCB PPM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH |
|----------|------------------|-----------------|-----------------|---------------|--------------|
| 66-CP-C1 | 2.6 | 1 | SOIL | DISCRETE-GRAB | 0' - 1' |
| 66-CP-C2 | 2.1 | 2 | SOIL | DISCRETE-GRAB | 0' - 2' |
| 66-CP-C3 | 1.6 | 3 | SOIL | DISCRETE-GRAB | 0' - 3' |
| 66-CP-C4 | 2.3 | 4 | SOIL | DISCRETE-GRAB | 0' - 1' |
| 66-CP-C5 | 1.1 | 5 | SOIL | DISCRETE-GRAB | 0' - 2' |
| 66-CP-C6 | <1.0 | 6 | CONCRETE | DISCRETE-CORE | 0' - 3' |

TCLP SAMPLING RESULTS

| LAB ID | TCLP RESULTS | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH |
|----------|-------------------------|-----------------|-----------------|---------------|--------------|
| 66-CP-C7 | SEE ALPHA LAB REPORT | 1 - 5 | SOIL | DISCRETE-GRAB | 0' - 3' |



3328 PRELIMINARY

OCT 21 1991

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C.

JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield

Job No. 101-75-22

Date Analyzed 10-19-91

DATE COLLECTED See Below

DATE RECEIVED 10/17/91

| Lab ID NO. | DATE EXTRACTED | DATE SAMPLED | SCREEN VALUE | PCTS % | PCB | COMMENTS | QC RESULTS |
|-------------------------|----------------|--------------|--------------|--------|-------------------------|----------|------------|
| 66-CP-C1 | 10/18/91 | 10/16/91 | 2.4 | 91 | 2.6 | soil | A |
| -C2 | | | 1.9 | 92 | 2.1 | | |
| -C3 | | | 1.5 | 94 | 1.6 | | |
| -C4 | | | 2.1 | 93 | 2.3 | | |
| -C5 | | | 1.03 | 91 | 1.1 | ↓ | |
| √ -C6 | √ | √ | | | < 1 | concrete | √ |
| A) Reagent Blank 1: | | | | | < 1 | | |
| Reference Sample 1: | | | | | 3.16/3.34 = 95% | | |
| Matrix Spike 119-ET-C2: | | | | | 3.03/3.34 = 91% | | |
| Matrix Spike Duplicate: | | | | | 3.01/3.34 = 90% | | |
| PRECISION: | | | | | 3.03 vs 3.01 = 0.7% RPD | | |

Comments:

Certification No.:

Units: $\mu\text{g/g} = \text{PPM}$

Authorized: _____

Date: _____

**GENERAL ELECTRIC
ENVIRONMENTAL LABORATORY
Test Report**

Title: TCLP Analyses of Sample from the west end
of Building 66

Test by: Alpha Analytical

Report by: WA Fessler

Number: EL-91-056

Date: November 5, 1991

Requested by: A. Cole

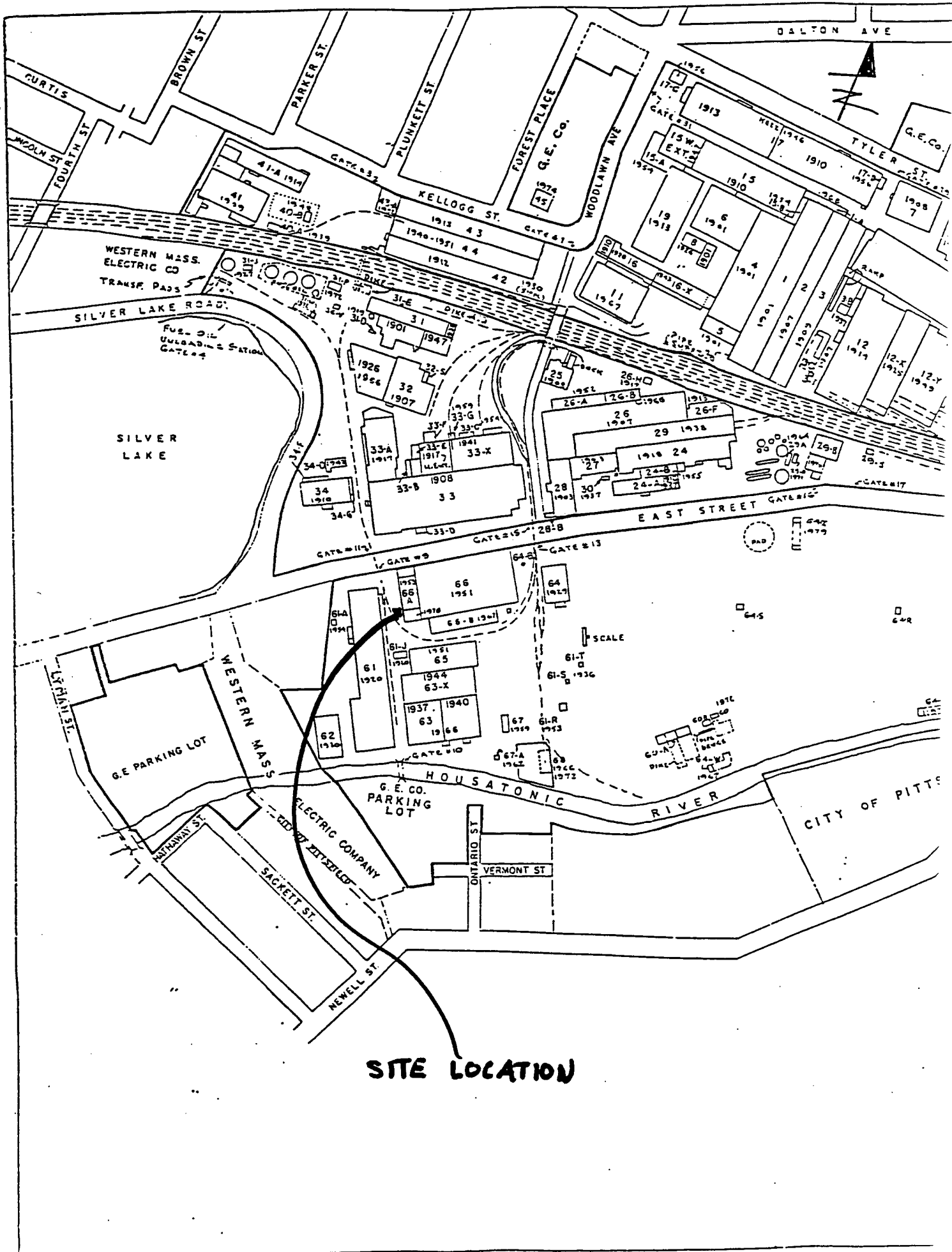
Approved: *WA Fessler*
11/5/91

A sample from the west end (outside) of Building 66 was sent to Alpha Analytical Laboratories for determination of toxicity characteristics listed in the Toxicity Characteristic Leaching Procedure (TCLP, 40CFR268, Appendix I). The results are summarized in the attached table.

The sample did not show the characteristic of toxicity.

A copy of the report from Alpha is attached.

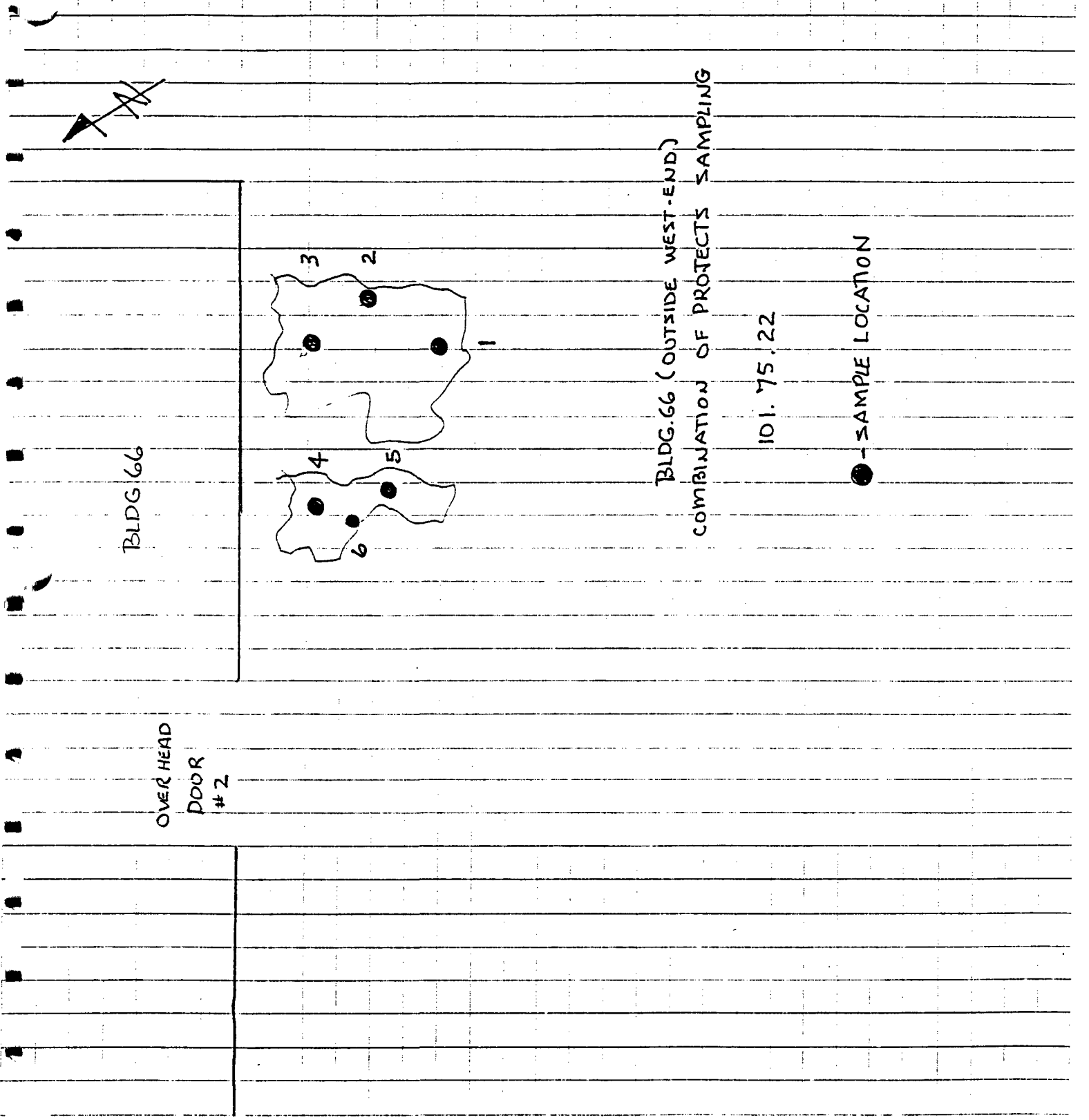
DISTRIBUTION: Manager, Environmental Laboratory C23
 A Cole 11-250



| | | | | | |
|---------|----------------------------------|-----------|-----|----------|-------|
| PROJECT | BLDG.66 (OUTSIDE WEST-END) | PROJ. NO. | BY | DATE | SHEET |
| | COMBINATION OF PROJECTS SAMPLING | 101.75.22 | AGP | 10-17-91 | |

NOT TO SCALE

FIGURE #1



APPENDIX J, SECTION C-40

BLASLAND & BOUCK ENGINEERS, P.C.
(REQUEST FOR SAMPLING)

TO: Files

DATE: November 8, 1993

FROM: Bruce Eulian

FILE NO: 201.22.03

RE: Misc Excavations Sampling - MCP Sites
(East St. Area II)
(Bldg 63 Concrete Pad Soil Sampling
and New York Avenue Soil Sampling)

INITIATOR: Jackie Knox (GE)

DATE: 11-3-93

LOCATIONS: - Bldg 63 (inside) - (Photos available in Pittsfield files)
- New York Avenue, Pittsfield, MA

CONTACT PERSON: Jackie Knox (GE)

EXT: 3306

ITEM DESCRIPTION:

1.) Soil

PURPOSE: To collect samples for GE of the in-situ soil (0-1' and 1-2') from beneath the previous location of the concrete pad inside of Bldg 63 and to collect a sample of the clean soil located on New York Avenue.

NOTES: The following sampling program was implemented at the request of Jackie Knox (GE):

1.) Six (6) in-situ soil samples (0-1') are to be collected and analyzed for Chromium.

2.) Six (6) in-situ soil samples (1-2') are to be collected and held for analysis per Jeff Ruebesam (GE).

3.) One (1) discrete-grab sample of the clean soil located on New York Avenue in Pittsfield is to be collected and relinquished to the Pittsfield GE Laboratory.

4.) GE requests the six (6) in-situ soil samples (0-1') be analyzed at the Pittsfield GE Laboratory.

jjh

DELIVERED TO
GRANT BOWMAN (GE)
12-30-93

BLASLAND AND BOUCK ENGINEERS P.C.

SAMPLING PROGRAM FIELD SUMMARY

To: Files
From: Bruce Eulian
Re: Misc Excavations Sampling - MCP Sites
(East St. Area II)
(Bldg 63 Concrete Pad Soil Sampling
and New York Avenue Soil Sampling)

Date: November 8, 1993
File No: 201.22.03
cc: Jeff Reubesam (GE)
Jackie Knox (GE)

The following is a summary of the sampling program conducted on 11-4-93 on the in-situ soil from beneath the previous location of the concrete pad inside of Bldg 63 and the soil from New York Avenue.

At the request of Jackie Knox (GE), the following sampling program was implemented:

- Six (6) discrete-grab in-situ soil samples (0-1') were collected and analyzed for Chromium.
- Six (6) discrete-grab in-situ soil samples (1-2') were collected and held for analysis per Jeff Ruebesam (GE).
- One (1) discrete-grab sample of the clean soil located on New York Avenue was collected and relinquished to the Pittsfield Laboratory.

Note: The discrete-grab in-situ soil samples were collected using a stainless steel split-spoon sampler.

A summary table of the sampling program has been provided (Table 1) along with drawings showing the site locations (Figure 1) and sample locations (Figures 2 & 3). Analytical results provided by the Pittsfield GE Laboratory have also been provided (Attachment 1).

jjh

Misc Excavations Sampling - MCP Sites
 (East St. Area II)
 (Bldg 63 Concrete Pad Soil Sampling
 and New York Avenue Soil Sampling)
 (201.17.06)

Table 1

| LAB ID | DATE SAMPLED | CHROMIUM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH | SEE FIGURE |
|--|-----------------|---|--------------------|--------------------|---------------|-----------------|---------------|
| <u>BLDG 63 (OUTSIDE) CONCRETE PAD SOIL</u> | | | | | | | |
| 63-0-1-C1 | 11-4-93 | SEE GE LAB REPORT | 1 | IN-SITU SOIL | DISCRETE-GRAB | (0-1') | 2 |
| 63-1-2-C1 | 11-4-93 | HELD FOR ANALYSIS PER JEFF RUEBESAM (GE) | 1 | IN-SITU SOIL | DISCRETE-GRAB | (1-2') | 2 |
| 63-0-1-C2 | 11-4-93 | SEE GE LAB REPORT | 2 | IN-SITU SOIL | DISCRETE-GRAB | (0-1') | 2 |
| 63-1-2-C2 | 11-4-93 | HELD FOR ANALYSIS PER JEFF RUEBESAM (GE) | 2 | IN-SITU SOIL | DISCRETE-GRAB | (1-2') | 2 |
| 63-0-1-C3 | 11-4-93 | SEE GE LAB REPORT | 3 | IN-SITU SOIL | DISCRETE-GRAB | (0-1') | 2 |
| 63-1-2-C3 | 11-4-93 | HELD FOR ANALYSIS PER JEFF RUEBESAM (GE) | 3 | IN-SITU SOIL | DISCRETE-GRAB | (1-2') | 2 |
| 63-0-1-C4 | 11-4-93 | SEE GE LAB REPORT | 4 | IN-SITU SOIL | DISCRETE-GRAB | (0-1') | 2 |
| 63-1-2-C4 | 11-4-93 | HELD FOR ANALYSIS PER JEFF RUEBESAM (GE) | 4 | IN-SITU SOIL | DISCRETE-GRAB | (1-2') | 2 |
| 63-0-1-C5 | 11-4-93 | SEE GE LAB REPORT | 5 | IN-SITU SOIL | DISCRETE-GRAB | (0-1') | 2 |
| 63-1-2-C5 | 11-4-93 | HELD FOR ANALYSIS PER JEFF RUEBESAM (GE) | 5 | IN-SITU SOIL | DISCRETE-GRAB | (1-2') | 2 |
| 63-0-1-C6 | 11-4-93 | SEE GE LAB REPORT | 6 | IN-SITU SOIL | DISCRETE-GRAB | (0-1') | 2 |
| 63-1-2-C6 | 11-4-93 | HELD FOR ANALYSIS PER JEFF RUEBESAM (GE) | 6 | IN-SITU SOIL | DISCRETE-GRAB | (1-2') | 2 |
| <u>NEW YORK AVENUE SOIL</u> | | | | | | | |
| NY-AV-C1 | | SEE NOTE 2 | 1 | SOIL | DISCRETE-GRAB | (0-1') | 3 |

NOTE 1: THE DISCRETE-GRAB IN-SITU SOIL SAMPLES WERE COLLECTED BY USING A STAINLESS STEEL SPLIT-SPOON SAMPLER.
 NOTE 2: THIS IS A SAMPLE OF CLEAN SOIL THAT WAS REQUESTED TO BE RELINQUISHED TO THE PITTSFIELD GE LABORATORY.

PITTSFIELD WORKS
 GROUND PLAN
 SHEET-1
 CORRECTED TO JAN. 1, 1992
 SCALE 1"=200'
 DWG. NO. 6600
 APPROVED *[Signature]* 1/1/92
 FS P15 B

MISE EXCAVATIONS SAMPLES - MHP SITES
 (EAST ST. AREA II)
 (BUDG 63 CONCRETE AND SOIL SAMPLES
 AND NEW YORK AVENUE SAMPLES)
 (7.01.22.03)

SITE LOCATION
 NEW YORK AVENUE
 SOIL SAMPLING

SITE LOCATION
 BUDG 63 CONCRETE AND
 SOIL SAMPLING

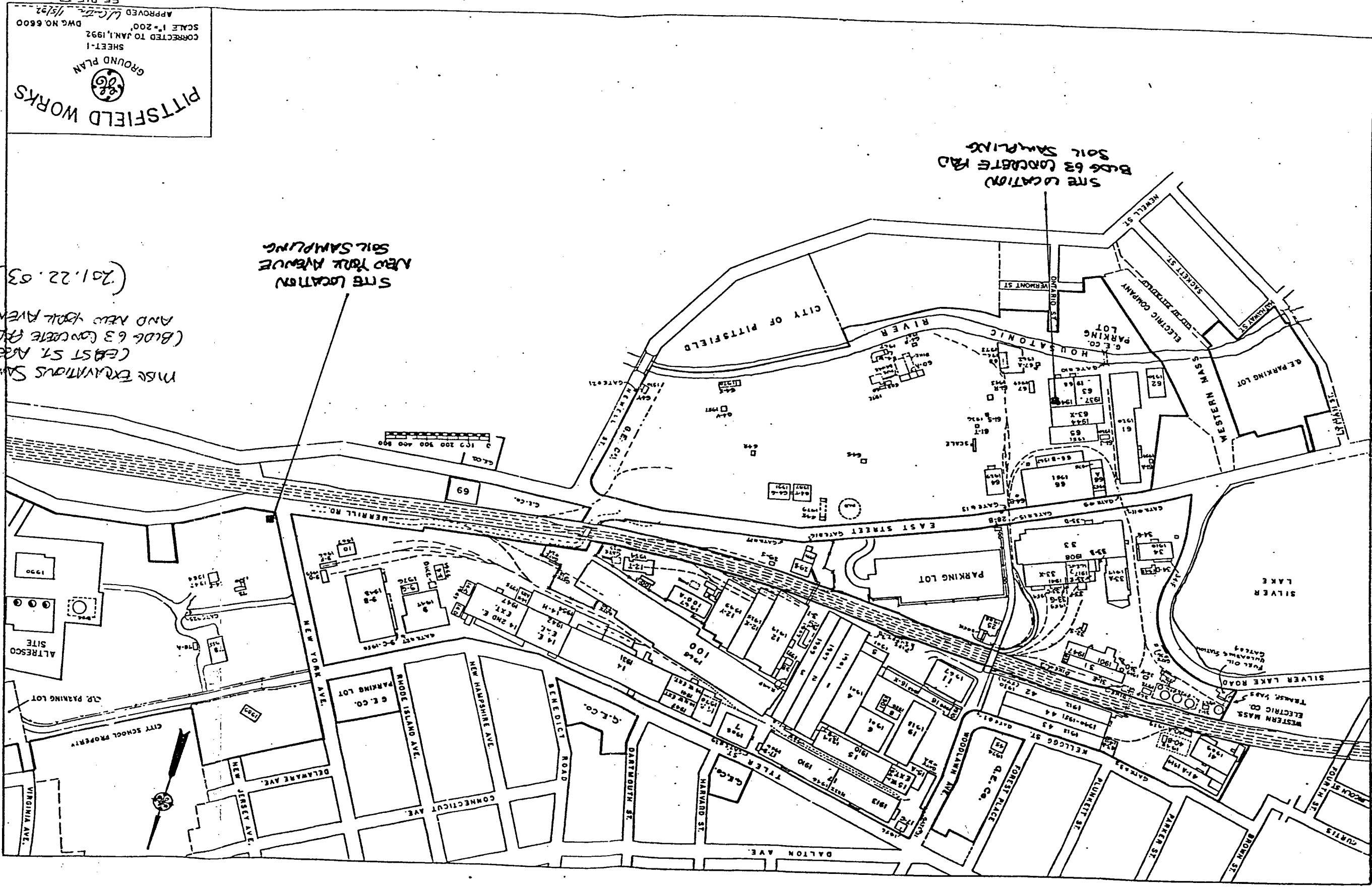


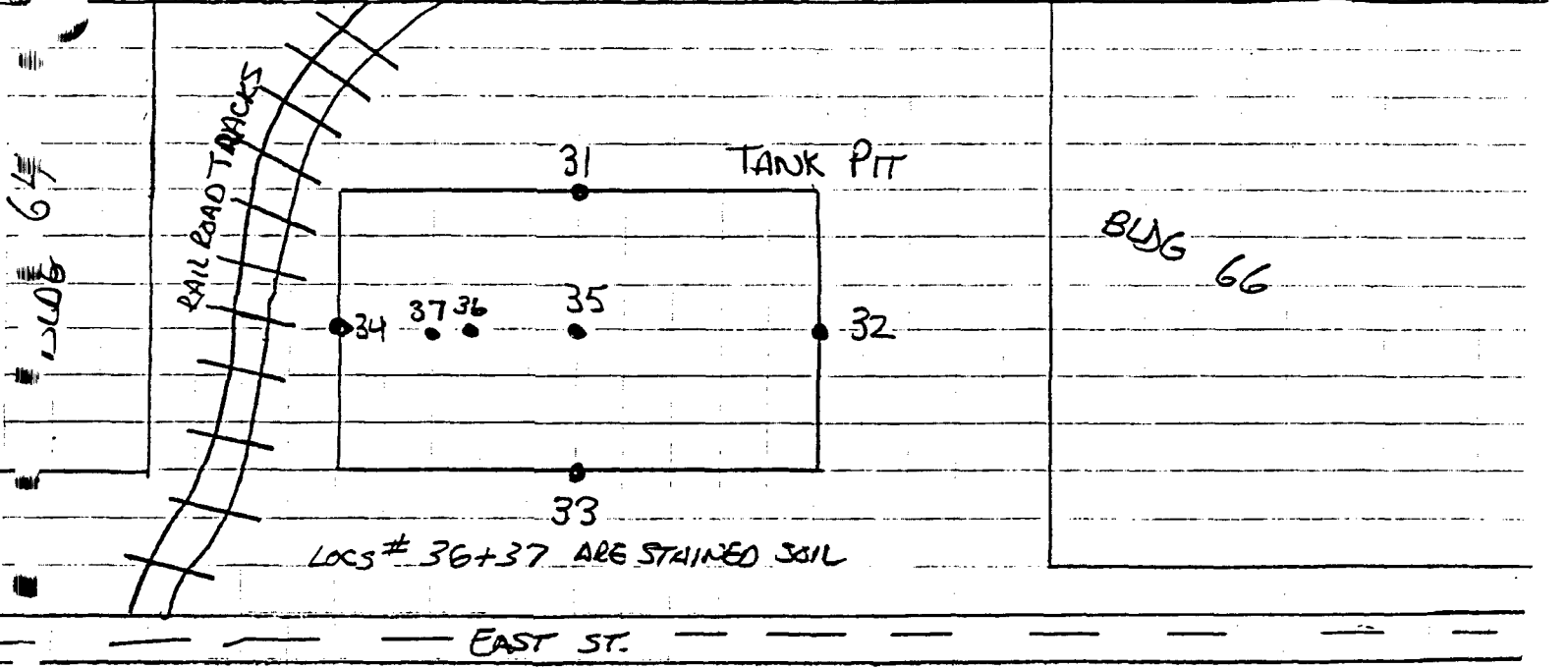
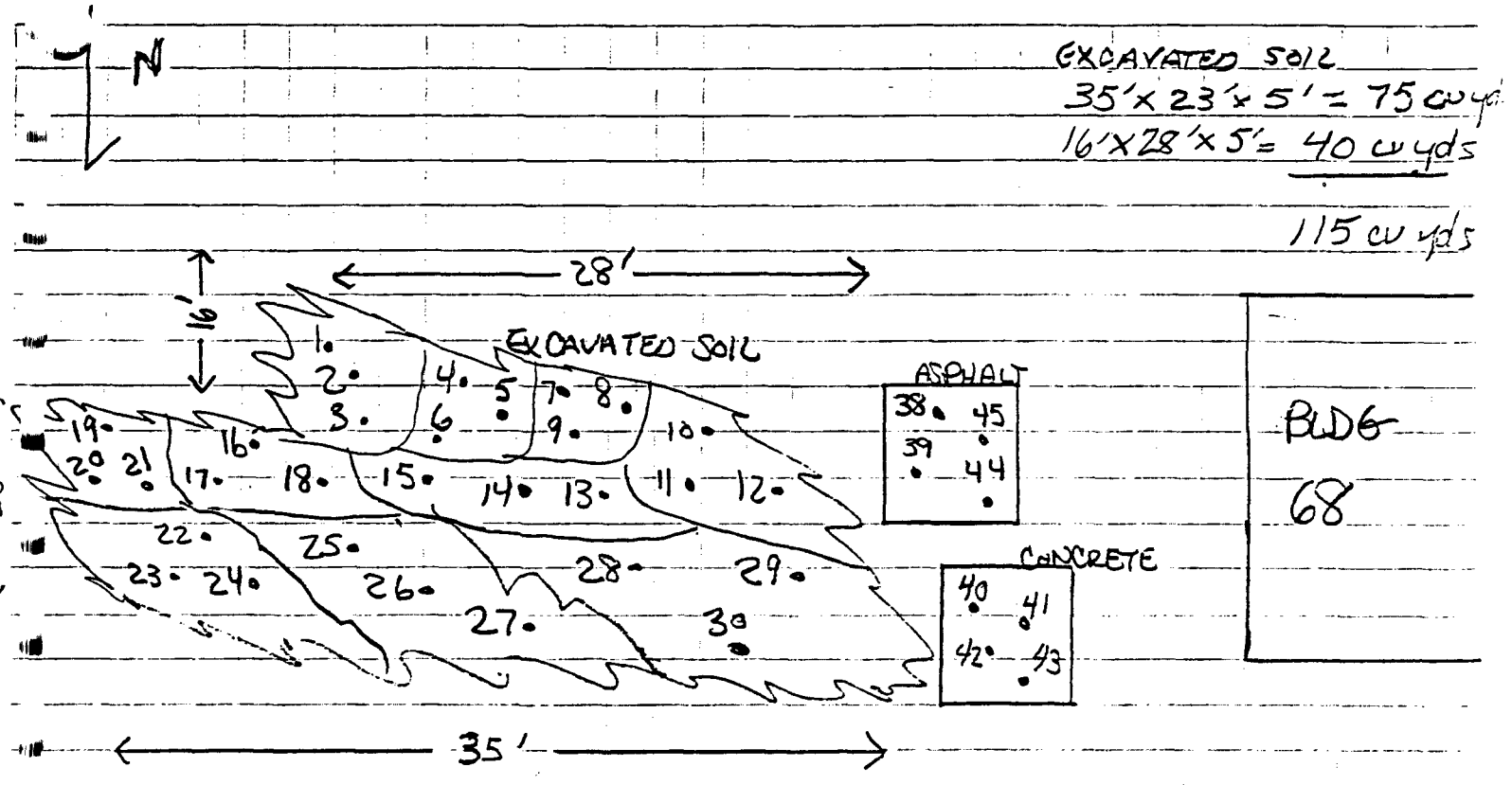
FIGURE 1

UST 64-01, 02

HEAD SPACE SCREENING

DATE: 11/17/90
 OPERATOR: JIM HASSETT

| SAMPLE LOCATION | HNU READING SAMPLE A (ppm) | HNU READING SAMPLE B (ppm) |
|-----------------|----------------------------------|----------------------------------|
| 1 | 86 | 88 |
| 2 | .6 | 1 |
| 3 | 98 | 110 |
| 4 | 210 | 220 |
| 5 | 205 | 210 |
| 6 | 58 | 56 |
| 7 | 24 | 26 |
| 8 | 26 | 23 |
| 9 | 42 | 48 |
| 10 | 52 | 50 |
| 11 | 34 | 26 |
| 12 | 50 | 48 |
| 13 | .5 | .8 |
| 14 | 3.5 | 3.8 |
| 15 | 1.9 | 2.2 |
| 16 | 4.8 | 6.2 |
| 17 | 28 | 20 |
| 18 | 7.1 | 7 |
| 19 | 12 | 9.6 |
| 20 | 12.4 | 12.8 |
| 21 | 9.6 | 9.6 |
| 22 | 2.8 | 1.2 |
| 23 | .7 | .9 |
| 24 | 1.4 | 1.8 |
| 25 | 4.4 | 2.8 |
| 26 | 1.8 | 1.2 |
| 27 | 2.1 | 1.4 |
| 28 | 1.8 | 1.2 |



APPENDIX J, SECTION C-42

DELIVERED TO
GRANT BOWMAN (C)
10-10-91

BLASLAND AND BOUCK ENGINEERS P.C.

To: Files
From: Bruce Eulian
Re: Bldg 33-1 (East Side) Waterline
Excavation Sampling (Outside)

Date: 10-9-91
File No: 101-75-22
cc: Grant Bowman (GE)
Ross Clark (GE)

The following is a summary of the sample results for the PCB sampling program conducted outside Bldg 31-1 (East side) on 10-8-91. A drawing showing the sample location is attached (see figure 1). A preliminary analytical report provided by O&G Laboratories has also been included.

PCB SAMPLING RESULTS METHOD 8080

| LAB ID | TOTAL PCB PPM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH |
|-------------|------------------|-----------------|-----------------|---------------|--------------|
| 33-1-WL-C1 | 3.3 | 1 | SOIL | DISCRETE-GRAB | 0' - 1' |
| 33-1-WL-C2 | 1.2 | 2 | SOIL | DISCRETE-GRAB | 0' - 2' |
| 33-1-WL-C3 | 1.2 | 3 | SOIL | DISCRETE-GRAB | 0' - 3' |
| 33-1-WL-C4 | 1.3 | 4 | SOIL | DISCRETE-GRAB | 0' - 1' |
| 33-1-WL-C5 | <1.0 | 5 | SOIL | DISCRETE-GRAB | 0' - 2' |
| 33-1-WL-C6 | 1.5 | 6 | SOIL | DISCRETE-GRAB | 0' - 3' |
| 33-1-WL-C7 | 1.5 | 7 | SOIL | DISCRETE-GRAB | 0' - 1' |
| 33-1-WL-C8 | 3.9 | 8 | SOIL | DISCRETE-GRAB | 0' - 2' |
| 33-1-WL-C9 | 6.7 | | SOIL | DISCRETE-GRAB | 0' - 3' |
| 33-1-WL-C10 | 8.2 | | SOIL | DISCRETE-GRAB | 0' - 1' |

jhh

3308



Laboratory Report

PRELIMINARY

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield Job No. 10175-22

Date Analyzed 10-9-91 DATE COLLECTED See Below DATE RECEIVED 10-8-91

| Lab ID NO. | DATE EXTRACTED | DATE SAMPLED | SCREEN VALUE | PCTS | PCB | COMMENTS | QC RESULTS |
|-------------|----------------|--------------|--------------|------|-----|----------|------------|
| 33-1-WL-C1 | 10-9-91 | 10-8-91 | 3.0 | 91% | 3.3 | soil | A |
| 33-1-WL-C2 | | | 1.1 | 93% | 1.2 | | |
| 33-1-WL-C3 | | | 1.1 | 92% | 1.2 | | |
| 33-1-WL-C4 | | | 1.2 | 92% | 1.3 | | |
| 33-1-WL-C5 | | | <1 (.58) | 93% | <1 | | |
| 33-1-WL-C6 | | | 1.4 | 91% | 1.5 | | |
| 33-1-WL-C7 | | | 1.4 | 91% | 1.5 | | |
| 33-1-WL-C8 | | | 3.5 | 90% | 3.9 | | |
| 33-1-WL-C9 | | | 6.1 | 90% | 6.7 | | |
| 33-1-WL-C10 | | | 6.9 | 94% | 8.2 | | |

A) Reagent Blank 1:

Matrix Spike 33-1-WL-C5:

Matrix Spike Duplicate:

Precision:

<1

3.02/3.34 = 91%

2.62/3.34 = 78%

3.02 vs 2.62 = 14% RPD

Comments:

Certification No.:

Units: ug/g = PPM

Authorized: _____

Date: _____

E N V I R O N M E N T A L L A B O R A T O R Y

**** TEST REPORT ****

SUBJECT: SEVEN SOIL SAMPLES FOR CHROMIUM ANALYSIS
REQUESTOR: J.G. RUEBESAM
TEST(S) BY G.J. DESNOYERS, 11-331, C23, x4351
REPORT BY G.J. DESNOYERS, 11-331, C23, x4351
BOOK 9004, PAGE(S) 171-3

OBJECT:
DETERMINE CHROMIUM CONCENTRATION IN SEVEN SOIL SAMPLES.

SAMPLE ID:
SEVEN SOIL SAMPLES TAKEN 11/04/93 (CHAIN OF CUSTODY ATTACHED).

NY-AV-C1 CLEAN SOIL FROM NY AVENUE, 12:15 PM
63-0-1-C1 BLDG. 63 SOIL TAKEN AT 0 TO 1 FT., 10:00 AM
63-0-1-C2 BLDG. 63 SOIL TAKEN AT 0 TO 1 FT., 10:30 AM
63-0-1-C3 BLDG. 63 SOIL TAKEN AT 0 TO 1 FT., 10:45 AM
63-0-1-C4 BLDG. 63 SOIL TAKEN AT 0 TO 1 FT., 11:00 AM
63-0-1-C5 BLDG. 63 SOIL TAKEN AT 0 TO 1 FT., 11:15 AM
63-0-1-C6 BLDG. 63 SOIL TAKEN AT 0 TO 1 FT., 11:45 AM

METHODS:
NITRIC ACID DIGESTION FOLLOWED BY INDUCTIVELY COUPLED ARGON
PLASMA SPECTROMETRY.

RESULTS:

| Sample ID | mg Cr/Kg Dried Soil (Dried at 104 °C) | mg Cr/Kg Damp Soil (Soil as received) | % Weight Loss at 104 °C |
|-----------|--|--|----------------------------|
| NY-AV-C1 | 5.54 | 5.04 | 9.11 |
| 63-0-1-C1 | 13.9 | 12.9 | 7.01 |
| 63-0-1-C2 | 10.9 | 10.2 | 6.25 |
| 63-0-1-C3 | 9.50 | 8.81 | 7.29 |
| 63-0-1-C4 | 10.7 | 9.99 | 6.66 |
| 63-0-1-C5 | 238 | 223 | 6.10 |
| 63-0-1-C6 | 19.1 | 17.8 | 6.93 |

DISTRIBUTION:

J.G. RUEBESAM, G56;
G.J. DESNOYERS, C23;
W.A. FESSLER, C23.

E N V I R O N M E N T A L L A B O R A T O R Y

**** TEST REPORT ****

SUBJECT: EIGHTH SOIL FOR CHROMIUM ANALYSIS
REQUESTOR: J.G. RUEBESAM
TEST(S) BY G.J. DESNOYERS, 11-331, C23, x4351
REPORT BY G.J. DESNOYERS, 11-331, C23, x4351
BOOK 9004, PAGE(S) 171-173

OBJECT:
DETERMINE CHROMIUM CONCENTRATION.

SAMPLE ID:
SOIL SAMPLE TAKEN 11/04/93 (CHAIN OF CUSTODY ATTACHED).

63-1-2-C5 BLDG. 63 SOIL TAKEN AT 1 TO 2 FT., 11:15 AM

NOTE: SEVEN OTHER SOILS LISTED ON THE ATTACHED CHAIN OF CUSTODY
WERE PREVIOUSLY ANALYZED. SEE TEST REPORT ISSUED 11/09/93
(TR 93030).

METHODS:
NITRIC ACID DIGESTION FOLLOWED BY INDUCTIVELY COUPLED ARGON
PLASMA SPECTROMETRY.

RESULTS:

| Sample ID | mg Cr/Kg Dried Soil (Dried at 104 °C) | mg Cr/Kg Damp Soil (Soil as received) | % Weight Loss at 104 °C |
|-----------|--|--|----------------------------|
| 63-1-2-C5 | 188 | 171 | 9.01 |

DISTRIBUTION:

J.G. RUEBESAM, G56;
G.J. DESNOYERS, C23;
W.A. FESSLER, C23.

E N V I R O N M E N T A L L A B O R A T O R Y

**** TEST REPORT ****

SUBJECT: FIVE BLDG. 63 AREA SOILS FOR CHROMIUM ANALYSES
REQUESTOR: J.G. RUEBESAM
TEST(S) BY G.J. DESNOYERS, 11-331, C23, x4351
REPORT BY G.J. DESNOYERS, 11-331, C23, x4351
BOOK 9004, PAGE(S) 174-6

OBJECT:
DETERMINE CHROMIUM CONCENTRATIONS IN FIVE SOILS.

SAMPLE ID:
SOIL SAMPLES TAKEN 11/04/93 (CHAIN OF CUSTODY ATTACHED).

63-1-2-C1 BLDG. 63 SOIL TAKEN AT 1 TO 2 FT., 10:00 AM
63-1-2-C2 BLDG. 63 SOIL TAKEN AT 1 TO 2 FT., 10:30 AM
63-1-2-C3 BLDG. 63 SOIL TAKEN AT 1 TO 2 FT., 10:45 AM
63-1-2-C4 BLDG. 63 SOIL TAKEN AT 1 TO 2 FT., 11:00 AM
63-1-2-C6 BLDG. 63 SOIL TAKEN AT 1 TO 2 FT., 11:45 AM

NOTE EIGHT OTHER SOILS LISTED ON THE ATTACHED CHAIN OF CUSTODY
WERE PREVIOUSLY ANALYZED. SEE TEST REPORTS ISSUED ON
11/09/93 AND 11/10/93 (TR 93030 AND TR 93030A).

METHODS:
NIC ACID DIGESTION FOLLOWED BY INDUCTIVELY COUPLED ARGON
PLIA SPECTROMETRY.

RESULTS:

| Sample ID | mg Cr/Kg Dried Soil (Dried at 104 °C) | mg Cr/Kg Damp Soil (Soil as received) | % Weight Loss at 104 °C |
|-----------|--|--|----------------------------|
| 62-C1 | 14.0 | 13.2 | 6.16 |
| 62-C2 | 10.1 | 9.45 | 6.78 |
| 62-C3 | 10.5 | 9.80 | 7.07 |
| 62-C4 | 14.8 | 13.7 | 7.84 |
| 62-C6 | 26.1 | 23.5 | 9.94 |

DISTRDN:
RUEBESAM, G56;
DESNOYERS, C23;
FESSLER, C23.



BLASLAND & BOUCK ENGINEERS, P.C.
 6723 Tow Path Road, Box 66, Syracuse, New York 13214
 (315) 446-9120

CHAIN OF CUSTODY RECORD

| PROJECT NO. | PROJECT NAME | LAB ID | CUSTODY TAPE NUMBER | DATE | TIME | COMP. | GRAB | SAMPLE TYPE | | | NO. OF CONTAINERS | REMARKS | |
|---|--------------------------------------|-----------|---------------------|-------------|-------|--------------------------|------|-------------|-----|-------------|-------------------|--|--|
| | | | | | | | | SOIL | WPE | WATER | | | |
| 20122-03 | BLDG 63 CONCRETE PAD SAMPLES SOIL | 63-01-21 | | 11-93 | 10:00 | | | X | | | 1 | | |
| | | 63-1-2-C1 | | 11-93 | 10:00 | | | X | | | 1 | | |
| | | 63-0-1-C2 | | 11-93 | 10:30 | | | X | | | 1 | ALL 1'-2' SAMPLES HOLD FOR ANALYSIS | |
| | | 63-1-2-C2 | | 11-93 | 10:30 | | | X | | | 1 | HOLD FOR ANALYSIS PER LEFT RUBBERMATS | |
| | | 63-01-C3 | | 11-93 | 10:45 | | | X | | | 1 | | |
| | | 63-1-2-C3 | | 11-93 | 10:45 | | | X | | | 1 | HOLD FOR ANALYSIS | |
| | | 63-0-1-C4 | | 11-93 | 11:00 | | | X | | | 1 | | |
| | | 63-1-2-C4 | | 11-93 | 11:00 | | | X | | | 1 | HOLD FOR ANALYSIS | |
| | | 63-0-1-C5 | | 11-93 | 11:15 | | | X | | | 1 | | |
| | | 63-1-2-C5 | | 11-93 | 11:15 | | | X | | | 1 | HOLD FOR ANALYSIS ← Requested 11/9/13 | |
| | | 63-0-1-C6 | | 11-93 | 11:45 | | | X | | | 1 | | |
| | | 63-1-2-C6 | | 11-93 | 11:45 | | | X | | | 1 | HOLD FOR ANALYSIS | |
| | | NY-AV-C1 | | 11-93 | 12:15 | | | X | | | 1 | X | |
| SAMPLED BY: (SIGNATURE) <i>Blasland</i> | | DATE/TIME | | 11-93/12:15 | | RECEIVED BY: (SIGNATURE) | | DATE/TIME | | 11-93/13:45 | | REMARKS | |
| REUNDOISHED BY: (SIGNATURE) | | DATE/TIME | | 11-93/12:15 | | RECEIVED BY: (SIGNATURE) | | DATE/TIME | | 11-93/13:45 | | REMARKS | |
| REUNDOISHED BY: (SIGNATURE) | | DATE/TIME | | 11-93/12:15 | | RECEIVED BY: (SIGNATURE) | | DATE/TIME | | 11-93/13:45 | | REMARKS | |

ANALYZE FOR CHROMIUM
 CLEAR 1/2" SOIL
 FROM AIR-AVE



BLASLAND & BOUCK ENGINEERS, P.C.
 6723 Tow Path Road, Box 66, Syracuse, New York 13214
 (315) 446-9120

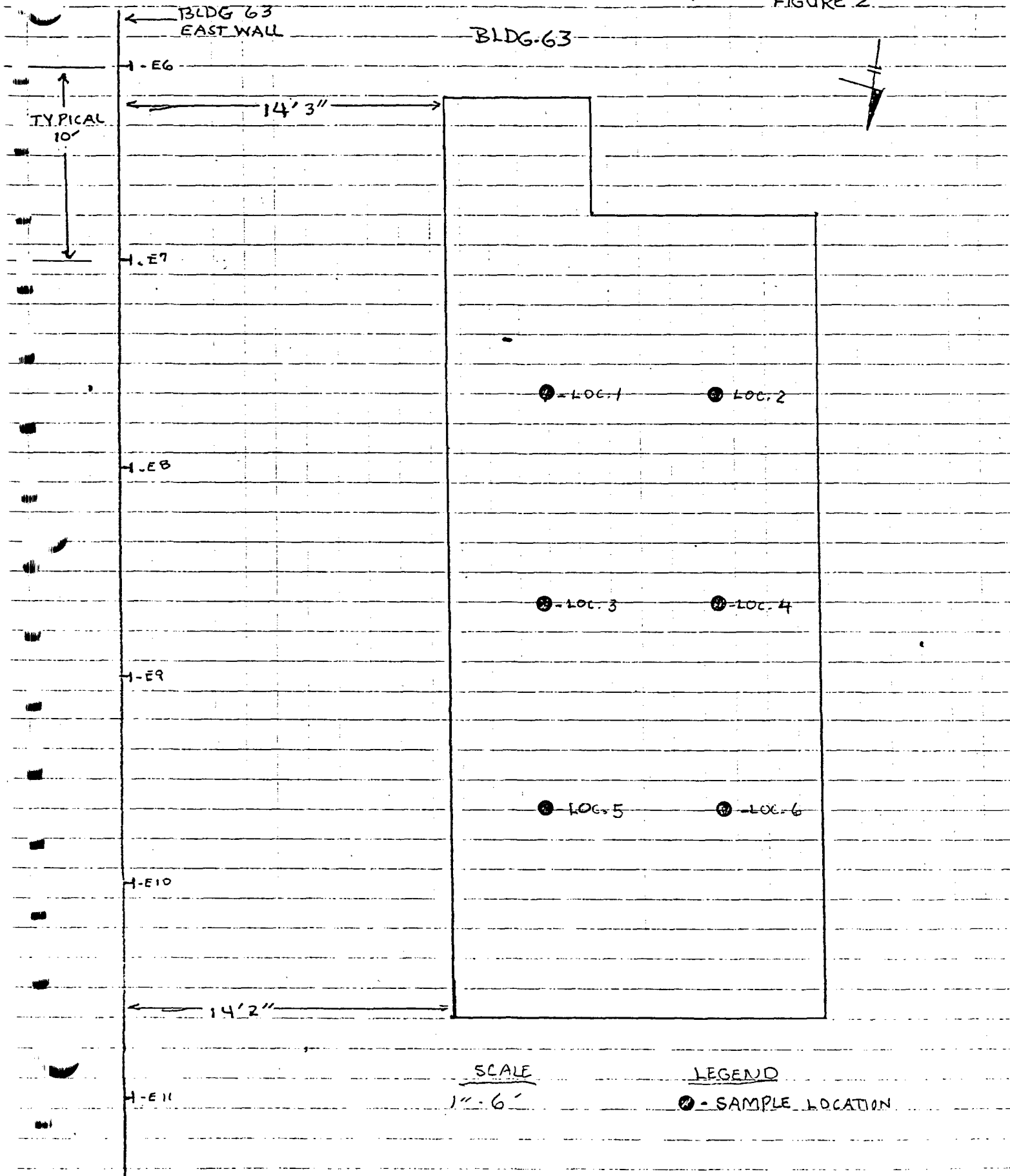
CHAIN OF CUSTODY RECORD

| PROJECT NO. | PROJECT NAME | LAB ID | CUSTODY TAPE NUMBER | DATE | TIME | COMP. | GRAB | SAMPLE TYPE | | | NO. OF CONTAINERS | REMARKS |
|-------------|------------------------------|-----------|---------------------|---------|-------|-------|------|-------------|-----|-------|-------------------|-------------------|
| | | | | | | | | SOLID | MPE | WATER | | |
| 2017-03 | Bldg 63 concrete PWD SAMPLES | 63-0-1-C1 | | 11-9-93 | 10:00 | | | X | | | 1 | |
| | | 63-1-2-C1 | | 11-9-93 | 10:00 | | | X | | | 1 | ALL 1/2" SAMPLES |
| | | 63-0-1-C2 | | 11-9-93 | 10:30 | | | X | | | 1 | HOLD FOR ANALYSIS |
| | | 63-1-2-C2 | | 11-9-93 | 10:30 | | | X | | | 1 | HOLD FOR ANALYSIS |
| | | 63-0-1-C3 | | 11-9-93 | 10:15 | | | X | | | 1 | |
| | | 63-1-2-C3 | | 11-9-93 | 10:15 | | | X | | | 1 | HOLD FOR ANALYSIS |
| | | 63-0-1-C4 | | 11-9-93 | 11:00 | | | X | | | 1 | |
| | | 63-1-2-C4 | | 11-9-93 | 11:00 | | | X | | | 1 | HOLD FOR ANALYSIS |
| | | 63-0-1-C5 | | 11-9-93 | 11:15 | | | X | | | 1 | |
| | | 63-1-2-C5 | | 11-9-93 | 11:15 | | | X | | | 1 | HOLD FOR ANALYSIS |
| | | 63-0-1-C6 | | 11-9-93 | 11:15 | | | X | | | 1 | |
| | | 63-1-2-C6 | | 11-9-93 | 11:15 | | | X | | | 1 | HOLD FOR ANALYSIS |
| | | 63-0-1-C1 | | 11-9-93 | 12:11 | | | X | | | 1 | |

ANALYZE FOR CHROMIUM
 CLEAN HOUSE
 FROM AIR AVE

| | | | | | | | |
|---|----------------------------|--------------------------|----------------------------|--|----------------------------|--------------------------|----------------------------|
| RECEIVED BY: (SIGNATURE) <i>[Signature]</i> | DATE/TIME 11-9-93 12:11 | RECEIVED BY: (SIGNATURE) | DATE/TIME 11-9-93 12:11 | RECEIVED BY: (SIGNATURE) <i>[Signature]</i> | DATE/TIME 11-9-93 12:11 | RECEIVED BY: (SIGNATURE) | DATE/TIME 11-9-93 12:11 |
| RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>[Signature]</i> | DATE/TIME 11/4/93 13:45 | REMARKS | | | | | |

FIGURE 2



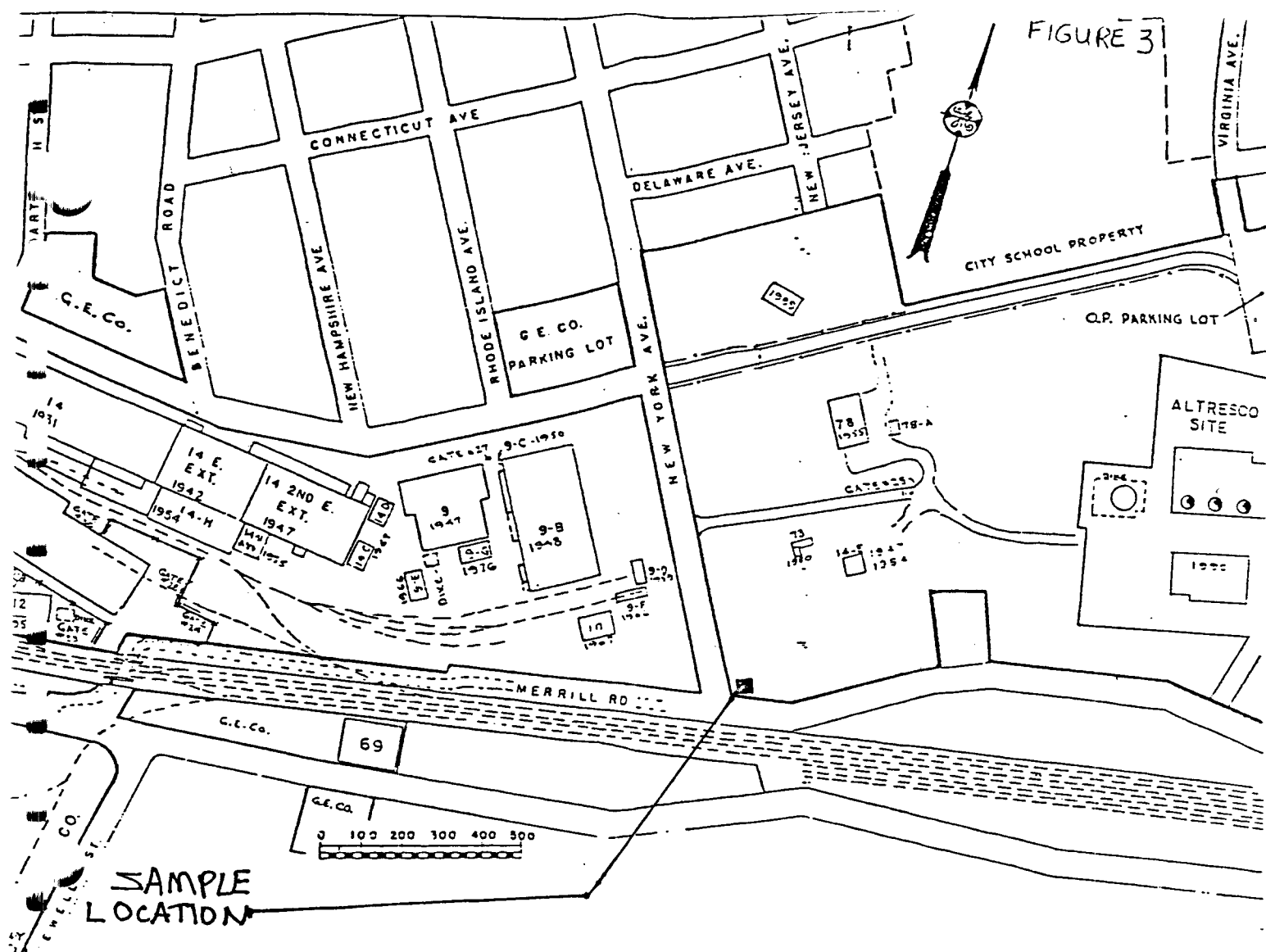
SCALE

1" = 6'

LEGEND

● - SAMPLE LOCATION


FIGURE 3



SAMPLE LOCATION

MISC. EXCAVATIONS SAMPLING - MCP SITES
 (EAST ST. AREA II)
 (BLDG. 63 CONCRETE PAID SOIL SAMPLING AND
 NEW YORK AVE. SOIL SAMPLING)
 (201.22.03)

PITTSFIELD WORKS



GROUND PLAN
 SHEET-1
 CORRECTED TO JAN. 1, 1991
 SCALE 1" = 200' DWG NO. 6600
 APPROVED *W. C. ...* 1/5/91

ATTACHMENT 1

BLASLAND & BOUCK ENGINEERS, P.C.
(REQUEST FOR SAMPLING)

TO: Files

DATE: November 17, 1993

FROM: Bruce Eulian

FILE NO: 201.22.03

RE: Misc. Excavations Sampling - MCP Sites
(East ST. Area II)
(Bldg 63 Concrete Pad Soil Sampling)
(Round 2)

INITIATOR: Jackie Knox (GE)

DATE: 11-15-93 & 11-16-93

LOCATION: Bldg 63

CONTACT PERSON: Jackie Knox (GE)

EXT: 3306

ITEM DESCRIPTION:

1.) Soil

PURPOSE: To collect samples for GE of the in-situ soil (0-1', 1-2', 2-3' and -4') from beneath the previous location of the concrete pad inside of Bldg.63.

NOTES: The following sampling program was implementated at the request of Jackie Knox (GE):

1.) Four (4) in-situ soil samples (0-1") are to be collected and analyzed for Chromium.

2.) Four (4) in-situ soil samples (1-2') are to be collected and analyzed for Chromium.

3.) Five (5) in-situ soil samples (2-3') are to be collected and analyzed for Chromium.

4.) Five (5) in-situ soil samples (3-4') are to be collected and analyzed for Chromium.

5.) GE request the samples be analyzed at Pittsfield GE Laboratory.

rfh

SAMPLING PROGRAM FIELD SUMMARY

To: Files
From: Bruce Eulian
Re: Misc. Excavations Sampling
(East Street Area II)
(Bldg 63 Concrete Pad Soil Sampling)
(Round 2)

Date: December 29, 1993
File No: 201.22.03
cc: Jackie Knox (GE)

The following is a summary of the sampling program conducted on 11-15-93 and 11-16-93 on the in-situ soil from beneath the previous location of the concrete pad inside of Bldg.63

At the request of Jackie Knox (GE), the following sampling program was implemented:

- Four (4) discrete-grab in-situ soil samples (0 - 1') were collected and analyzed for Chromium.
- Four (4) discrete-grab in-situ soil samples (1'- 2') were collected and analyzed for Chromium.
- Five (5) discrete-grab in-situ soil samples (2' - 3') were collected and analyzed for Chromium.
- Five (5) discrete-grab in-situ soil samples (3' - 4') were collected and analyzed for Chromium.

Note: The discrete-grab in-situ soil samples were collected using a stainless steel split-spoon sampler.

A summary table of the sampling program has been included (Table 1) along with drawings showing the site location (Figure 1) and sample locations (Figure 2). A analytical report provided by Pittsfield GE Laboratory (Attachment 1) has also been included.

rfh

Misc. Excavationns Sampling-MCP Sites
 (East Street Area II)
 (Bldg. 63 Concrete Pad Soil Sampling
 (Round 2)
 (201.22.03)

Table 1

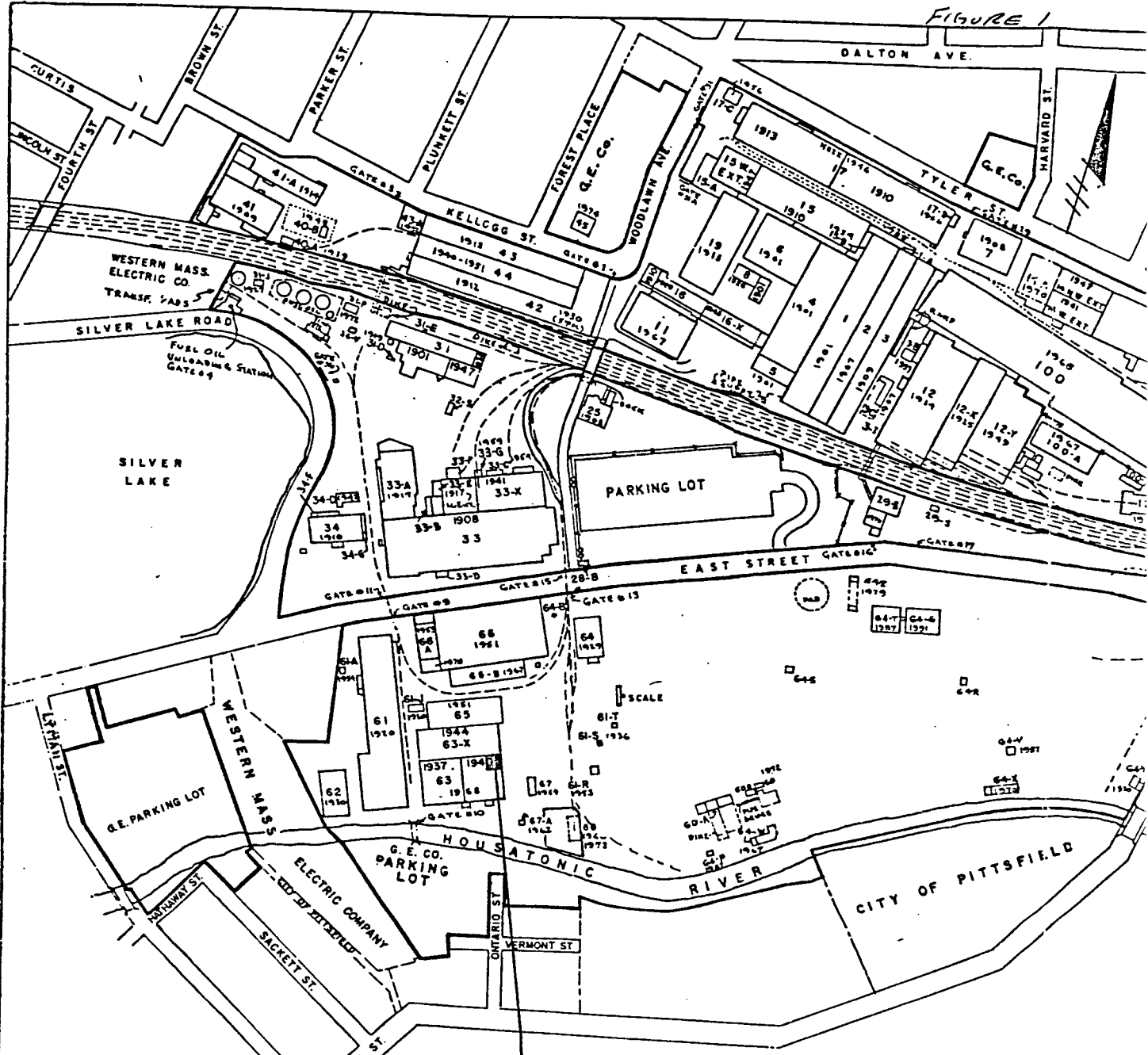
| LAB ID | SAMPLE DATE | CHROMIUM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH | SEE FIGURE |
|-----------|-------------|---|-----------------|-----------------|---------------|--------------|------------|
| 63-2-3-C5 | 11-15-93 | SEE GE LAB REPORT | 5 | IN-SITU SOIL | DISCRETE-GRAB | (2-3') | 2 |
| 63-3-4-C5 | 11-15-93 | SEE GE LAB REPORT | 5 | IN-SITU SOIL | DISCRETE-GRAB | (3-4') | 2 |
| 63-0-1-C7 | 11-15-93 | SEE GE LAB REPORT | 7 | IN-SITU SOIL | DISCRETE-GRAB | (0-1') | 2 |
| 63-1-2-C7 | 11-15-93 | HELD FOR ANALYSIS PER JEFF REUBESAM (GE) | 7 | IN-SITU SOIL | DISCRETE-GRAB | (1-2') | 2 |
| 63-2-3-C7 | 11-15-93 | HELD FOR ANALYSIS PER JEFF REUBESAM (GE) | 7 | IN-SITU SOIL | DISCRETE-GRAB | (2-3') | 2 |
| 63-3-4-C7 | 11-15-93 | HELD FOR ANALYSIS PER JEFF REUBESAM (GE) | 7 | IN-SITU SOIL | DISCRETE-GRAB | (3-4') | 2 |
| 63-0-1-C8 | 11-15-93 | SEE GE LAB REPORT | 8 | IN-SITU SOIL | DISCRETE-GRAB | (0-1') | 2 |
| 63-1-2-C8 | 11-15-93 | HELD FOR ANALYSIS PER JEFF REUBESAM (GE) | 8 | IN-SITU SOIL | DISCRETE-GRAB | (1-2') | 2 |
| 63-2-3-C8 | 11-15-93 | HELD FOR ANALYSIS PER JEFF REUBESAM (GE) | 8 | IN-SITU SOIL | DISCRETE-GRAB | (2-3') | 2 |
| 63-3-4-C8 | 11-15-93 | HELD FOR ANALYSIS PER JEFF REUBESAM (GE) | 8 | IN-SITU SOIL | DISCRETE-GRAB | (3-4') | 2 |
| 63-0-1-C9 | 11-15-93 | SEE GE LAB REPORT | 9 | IN-SITU SOIL | DISCRETE-GRAB | (0-1') | 2 |
| 63-2-1-C9 | 11-15-93 | HELD FOR ANALYSIS PER JEFF REUBESAM (GE) | 9 | IN-SITU SOIL | DISCRETE-GRAB | (1-2') | 2 |
| 63-2-3-C9 | 11-15-93 | HELD FOR ANALYSIS PER JEFF REUBESAM (GE) | 9 | IN-SITU SOIL | DISCRETE-GRAB | (2-3') | 2 |
| 63-3-4-C9 | 11-15-93 | HELD FOR ANALYSIS PER JEFF REUBESAM (GE) | 9 | IN-SITU SOIL | DISCRETE-GRAB | (3-4') | 2 |

Misc. Excavationns Sampling-MCP Sites
 (East Street Area II)
 (Bldg. 63 Concrete Pad Soil Sampling
 (Round 2)
 (201.22.03)
 (continued)
Table 1

| LAB ID | SAMPLE DATE | CHROMIUM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH | SEE FIGURE |
|------------|-------------|---|-----------------|-----------------|---------------|--------------|------------|
| 3-0-1-C10 | 11-15-93 | SEE GE LAB REPORT | 10 | IN-SITU SOIL | DISCRETE-GRAB | (0-1') | 2 |
| 3-1-2-C10 | 11-16-93 | HELD FOR ANALYSIS PER JEFF REUBESAM (GE) | 10 | IN-SITU SOIL | DISCRETE-GRAB | (1-2') | 2 |
| 63-2-3-C10 | 11-16-93 | HELD FOR ANALYSIS PER JEFF REUBESAM (GE) | 10 | IN-SITU SOIL | DISCRETE-GRAB | (2-3') | 2 |
| 63-3-4-C10 | 11-16-93 | HELD FOR ANALYSIS PER JEFF REUBESAM (GE) | 10 | IN-SITU SOIL | DISCRETE-GRAB | (3-4') | 2 |

JTE: THE DISCRETE-GRAB IN-SITU SOIL SAMPLES WERE COLLECTED BY USING A STAINLESS STEEL SPLIT-SPOON SAMPLER.

FIGURE 1

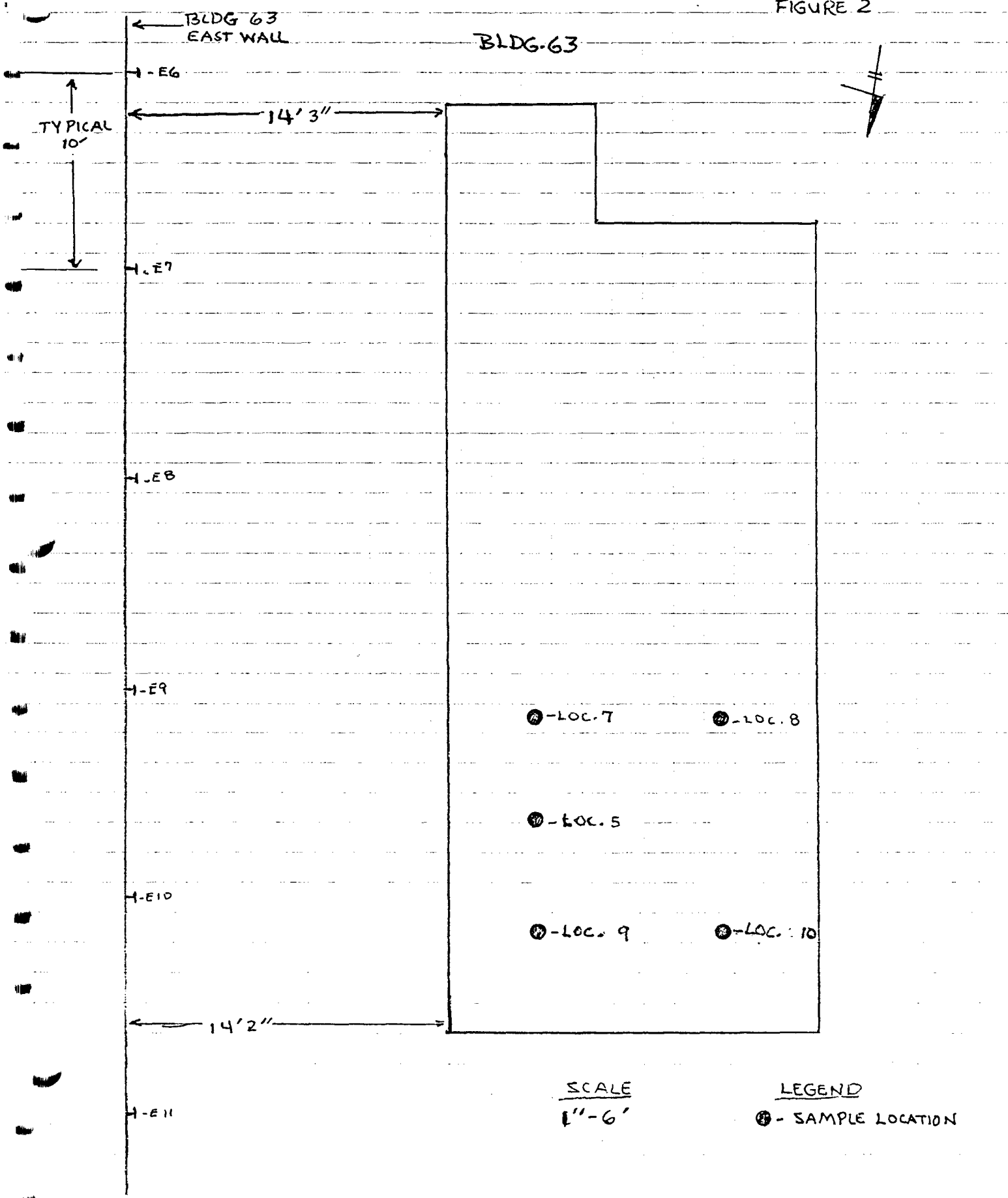


SITE LOCATION

MISC EXCAVATIONS SAMPLING - MCP SITES
 (EAST STREET AREA II)
 BIDS 63 CONCRETE PAD SOIL SAMPLING
 (ROUND 2)
 (201-22-03)

| | | | | |
|---|---------------------|--------|---------------|--------------|
| SUBJECT BLDG. 63 CONCRETE PAD SOIL SAMPLING PROGRAM (ROUND 2) | PROJ. NO. 201.22.03 | BY AGP | DATE 12-29-93 | SHEET 1 of 1 |
|---|---------------------|--------|---------------|--------------|

FIGURE 2



SCALE
1" = 6'

LEGEND
⊙ - SAMPLE LOCATION

ATTACHMENT 1

E N V I R O N M E N T A L L A B O R A T O R Y

**** TEST REPORT ****

SUBJECT: SIX BLDG. 63 AREA SOILS FOR CHROMIUM ANALYSIS
REQUESTOR: J.G. RUEBESAM
TEST(S) BY G.J. DESNOYERS, 11-331, C23, x4351
REPORT BY G.J. DESNOYERS, 11-331, C23, x4351
BOOK 9004, PAGE(S) 177

OBJECT:

DETERMINE TOTAL CHROMIUM IN SIX SOIL SAMPLES.

SAMPLE ID:

SOIL SAMPLES TAKEN 11/15/93 (CHAIN OF CUSTODY ATTACHED).

| | | |
|---|------------|---|
| 1 | 63-2-3-C5 | BLDG. 63 SOIL TAKEN AT 2 TO 3 FT., 12:15 PM |
| 2 | 63-3-4-C5 | BLDG. 63 SOIL TAKEN AT 3 TO 4 FT., 12:30 PM |
| 3 | 63-0-1-C7 | BLDG. 63 SOIL TAKEN AT 0 TO 1 FT., 11:15 AM |
| 4 | 63-0-1-C8 | BLDG. 63 SOIL TAKEN AT 0 TO 1 FT., 11:30 AM |
| 5 | 63-0-1-C9 | BLDG. 63 SOIL TAKEN AT 0 TO 1 FT., 11:45 AM |
| 6 | 63-0-1-C10 | BLDG. 63 SOIL TAKEN AT 0 TO 1 FT., 12:00 PM |

METHODS:

NITRIC ACID DIGESTION FOLLOWED BY INDUCTIVELY COUPLED ARGON
PLASMA SPECTROMETRY.

RESULTS:

| Sample ID | mg Cr/Kg Dried Soil (Dried at 104 °C) | mg Cr/Kg Damp Soil (Soil as received) | % Weight Loss at 104 °C |
|------------|--|--|----------------------------|
| 63-2-3-C5 | 91.5 | 88.0 | 3.87 |
| 63-3-4-C5 | 211 | 198 | 5.98 |
| 63-0-1-C7 | 21.2 | 19.8 | 6.70 |
| 63-0-1-C8 | 14.0 | 12.7 | 8.71 |
| 63-0-1-C9 | 3,930 | 3,740 | 4.90 |
| 63-0-1-C10 | 122 | 112 | 7.85 |

DISTRIBUTION:

J.G. RUEBESAM, G56;
G.J. DESNOYERS, C23;
W.A. FESSLER, C23.

ENVIRONMENTAL LABORATORY

**** TEST REPORT ****

SUBJECT: TWELVE SOILS FROM BLDG. 63 AREA FOR T-CHROMIUM
 REQUESTOR: J.G. RUEBESAM
 TEST(S) BY G.J. DESNOYERS, 11-331, C23, x4351
 REPORT BY G.J. DESNOYERS, 11-331, C23, x4351
 BOOK 9004, PAGE(S) 182

OBJECT:
 DETERMINE TOTAL CHROMIUM IN TWELVE SAMPLES.

SAMPLE ID:
 SOIL SAMPLES TAKEN 11/15 AND 11/16/93 (CHAIN OF CUSTODY ATTACHED).

| | | |
|----|------------|---|
| 1 | 63-1-2-C7 | BLDG. 63 SOIL, 1 TO 2 FT., 11/15, 1:00 PM |
| 2 | 63-2-3-C7 | BLDG. 63 SOIL, 2 TO 3 FT., 11/15, 1:15 PM |
| 3 | 63-3-4-C7 | BLDG. 63 SOIL, 3 TO 4 FT., 11/15, 1:30 PM |
| 4 | 63-1-2-C8 | BLDG. 63 SOIL, 1 TO 2 FT., 11/15, 1:45 PM |
| 5 | 63-2-3-C8 | BLDG. 63 SOIL, 2 TO 3 FT., 11/15, 2:00 PM |
| 6 | 63-3-4-C8 | BLDG. 63 SOIL, 3 TO 4 FT., 11/15, 2:15 PM |
| 7 | 63-1-2-C9 | BLDG. 63 SOIL, 1 TO 2 FT., 11/15, 2:30 PM |
| 8 | 63-2-3-C9 | BLDG. 63 SOIL, 2 TO 3 FT., 11/15, 2:45 PM |
| 9 | 63-3-4-C9 | BLDG. 63 SOIL, 3 TO 4 FT., 11/15, 3:00 PM |
| 10 | 63-1-2-C10 | BLDG. 63 SOIL, 1 TO 2 FT., 11/16, 7:30 AM |
| 11 | 63-2-3-C10 | BLDG. 63 SOIL, 2 TO 3 FT., 11/16, 8:00 AM |
| 12 | 63-3-4-C10 | BLDG. 63 SOIL, 3 TO 4 FT., 11/16, 8:30 AM |

METHODS:
 NITRIC ACID DIGESTION FOLLOWED BY ICP SPECTROMETRY.

RESULTS:

| Sample ID | mg Cr/Kg Dried Soil (Dried at 104 °C) | mg Cr/Kg Damp Soil (Soil as received) | % Weight Loss at 104 °C |
|------------|--|--|----------------------------|
| 63-1-2-C7 | 32 | 29 | 7.50 |
| 63-2-3-C7 | 28 | 26 | 6.51 |
| 63-3-4-C7 | 39 | 37 | 4.88 |
| 63-1-2-C8 | 28 | 25 | 7.51 |
| 63-2-3-C8 | 16 | 14 | 9.72 |
| 63-3-4-C8 | 24 | 21 | 10.98 |
| 63-1-2-C9 | 2,190 | 2,060 | 5.99 |
| 63-2-3-C9 | 2,280 | 2,170 | 4.81 |
| 63-3-4-C9 | 1,750 | 1,640 | 5.99 |
| 63-1-2-C10 | 94 | 85 | 9.47 |
| 63-2-3-C10 | 103 | 95 | 7.99 |
| 63-3-4-C10 | 49 | 44 | 10.14 |

DISTRIBUTION:
 J.G. RUEBESAM, G56;
 G.J. DESNOYERS, C23;
 W.A. FESSLER, C23.



BLASLAND & BOUCK ENGINEERS, P.C.
 6723 Tow Path Road, Box 66, Syracuse, New York 13214
 (315) 446-9120

CHAIN OF CUSTODY RECORD

| PROJECT NO. | PROJECT NAME | CUSTODY TAPE NUMBER | DATE | TIME | COMP. | GRAB | SAMPLE TYPE | | | NO. OF CONTAINERS | REMARKS |
|-------------|------------------------------------|---------------------|---------|------|-------|------|-------------|-----|-------|-------------------|---------|
| | | | | | | | SOLID | WPE | WATER | | |
| 1012203 | Bldg 63 CONCRETE FOR SOIL SAMPLING | | 11/5/19 | 1115 | | X | X | | 1 | | |
| | | | 11/30 | | | X | X | | 1 | | |
| | | | 11/45 | | | X | X | | 1 | | |
| | | | 1200 | | | X | X | | 1 | | |
| | | | 1215 | | | X | X | | 1 | | |
| | | | 11/5/19 | 1230 | | X | X | | 1 | | |
| 63-0-1-C7 | | | | | | X | | | | | |
| 63-0-1-C8 | | | | | | X | | | | | |
| 63-0-1-C9 | | | | | | X | | | | | |
| 63-0-1-C10 | | | | | | X | | | | | |
| 63-0-3-C5 | | | | | | X | | | | | |
| 63-5-4-C5 | | | | | | X | | | | | |

93031

RECEIVED FOR LABORATORY BY: (SIGNATURE) *W.J. DeAngelo*
 DATE/TIME 11/15/19 12:56 PM
 REMARKS DELIVERED TO FIELD GE LAB

RECEIVED BY: (SIGNATURE) *[Signature]* DATE/TIME 11/15/19
 RECEIVED BY: (SIGNATURE) *[Signature]* DATE/TIME 11/15/19
 RECEIVED BY: (SIGNATURE) *[Signature]* DATE/TIME 11/15/19



BLASLAND & BOUCK ENGINEERS, P.C.
 6723 Tow Path Road, Box 66, Syracuse, New York 13214
 (315) 446-9120

CHAIN OF CUSTODY RECORD

| PROJECT NO. | PROJECT NAME | LAB ID | CUSTODY TAPE NUMBER | DATE | TIME | COMP. | GRAB | SAMPLE TYPE | | | NO. OF CONTAINERS | ANALYZE FOR | REMARKS |
|---|----------------------------------|-----------|---------------------|----------|------|-------|------|-------------|-----|-------|-------------------|------------------------|---------|
| | | | | | | | | SOLID | WPE | WATER | | | |
| 201-22-03 | BL/63 CONCRETE PAD SOIL SAMPLING | 63-1-2-17 | | 11/15/83 | 1300 | | X | X | | 1 | | Hold for Analysis | |
| | | 63-2-3-17 | | 11/15/83 | 1315 | | X | X | | 1 | | Hold for Analysis (6E) | |
| | | 63-3-4-17 | | 11/15/83 | 1330 | | X | X | | 1 | | Hold | |
| | | 63-1-2-18 | | 11/15/83 | 1315 | | X | X | | 1 | | FOR | |
| | | 63-2-3-18 | | 11/15/83 | 1400 | | X | X | | 1 | | ANALYSIS | |
| | | 63-3-4-18 | | 11/15/83 | 1415 | | X | X | | 1 | | PER | |
| | | 63-1-2-19 | | 11/15/83 | 1430 | | X | X | | 1 | | ICFF | |
| | | 63-2-3-19 | | 11/15/83 | 1445 | | X | X | | 1 | | ICFF | |
| | | 63-3-4-19 | | 11/15/83 | 1500 | | X | X | | 1 | | RUBBERM (6E) | |
| | | 63-1-2-10 | | 11/16/83 | 0730 | | X | X | | 1 | | | |
| | | 63-2-3-10 | | 11/16/83 | 0800 | | X | X | | 1 | | | |
| | | 63-3-4-10 | | 11/16/83 | 0830 | | X | X | | 1 | | | |
| RECEIVED FOR LABORATORY BY: (SIGNATURE) _____ DATE/TIME _____ RECEIVED BY: (SIGNATURE) _____ DATE/TIME _____ RELINQUISHED BY: (SIGNATURE) _____ DATE/TIME _____ RELINQUISHED BY: (SIGNATURE) _____ DATE/TIME _____ RECEIVED BY: (SIGNATURE) _____ DATE/TIME _____ RECEIVED BY: (SIGNATURE) _____ DATE/TIME _____ REMARKS: _____ DELIVERED TO PITTSFIELD (6E)MB | | | | | | | | | | | | | |

BLASLAND & BOUCK ENGINEERS, P.C.
(REQUEST FOR SAMPLING)

TO: Files

DATE: December 20, 1993

FROM: Bruce Eulian

FILE NO: 201.22.03

RE: Misc. Excavations Sampling - MCP Sites
(East ST. Area II)
(Bldg 63 Concrete Pad Soil Sampling)
(Round 3)

INITIATOR: Jeff Ruebesam (GE)

DATE: 12-06-93

LOCATION: Bldg 63

CONTACT PERSON: Jeff Ruebesam (GE)

EXT: 3728

ITEM DESCRIPTION:

1.) Soil

PURPOSE: To collect samples for GE of the in-situ soil (4'-5' and 5'-6') from beneath the previous location of the concrete pad inside of Bldg.63.

NOTES: The following sampling program was implemented at the request of Jeff Ruebesam (GE):

1.) Two (2) in-situ soil samples (4'-5') are to be collected and analyzed for Chromium.

2.) Two (2) in-situ soil samples (5'-6') are to be collected and analyzed for Chromium.

3.) GE request the samples be analyzed at the GE Pittsfield, Ma. Laboratory.

agp

DELIVERED TO
GRANT BOWMAN GS
12-30-93

BLASLAND AND BOUCK ENGINEERS P.C.

SAMPLING PROGRAM FIELD SUMMARY

To: Files
From: Bruce Eulian
Re: Misc. Excavations Sampling-MCP SITES
(East Street Area II)
(Bldg 63 Concrete Pad Soil Sampling)
(Round 3)

Date: December 20, 1993
File No: 201.22.03
cc: JeffRuebesam (GE)

The following is a summary of the sampling program conducted on 12-07-93 on the in-situ soil from beneath the previous location of the concrete pad inside of Bldg.63

At the request of Jeff Ruebesam (GE), the following sampling program was implemented:

- Two (2) discrete-grab in-situ soil samples (4' - 5') were collected and analyzed for Chromium.
- Two (2) discrete-grab in-situ soil samples (5'- 6') were collected and analyzed for Chromium.

Note: The discrete-grab in-situ soil samples were collected using a stainless steel split-spoon sampler.

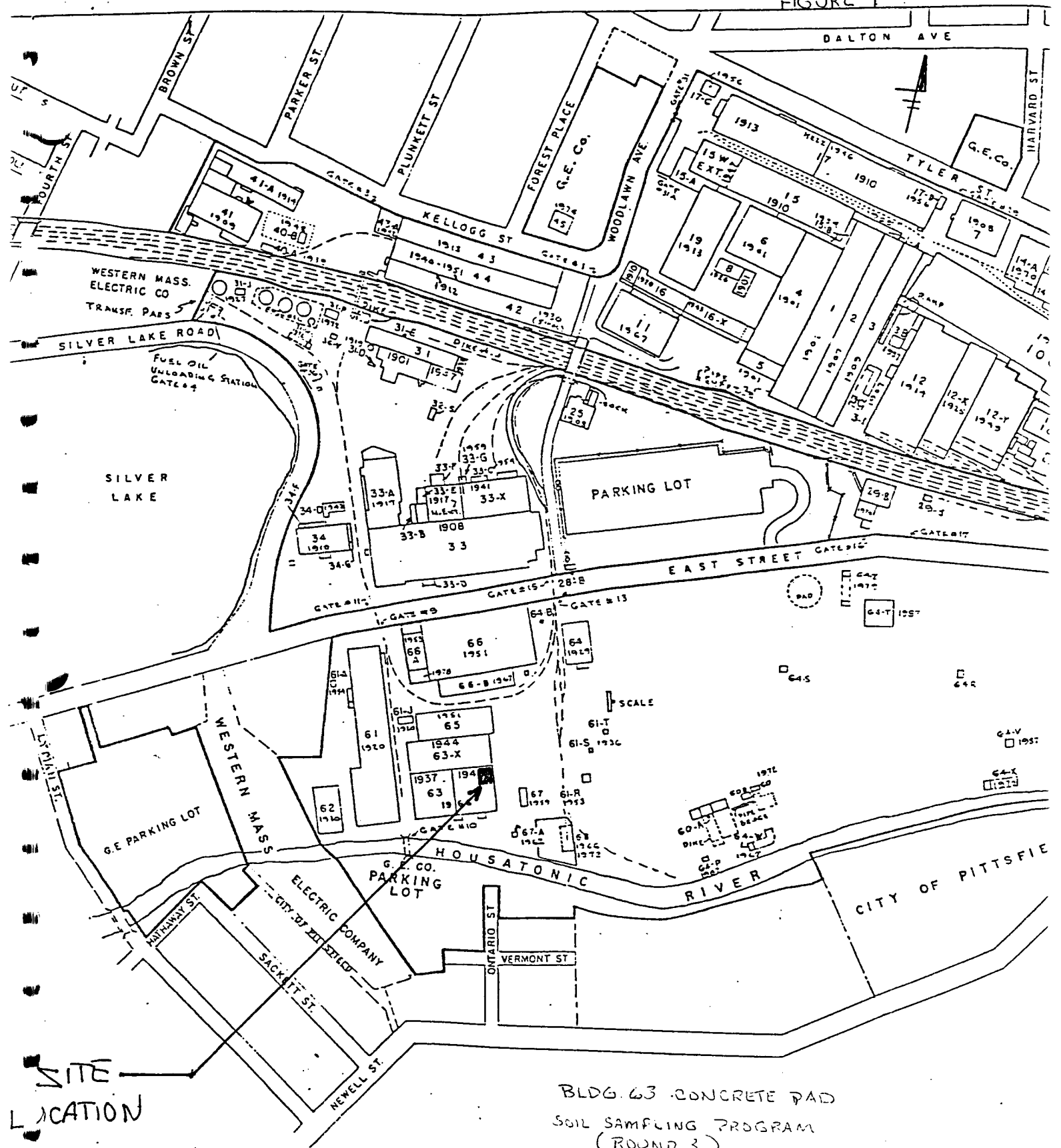
A summary table of the sampling program has been included (Table 1) along with drawings showing the site location (Figure 1) and sample locations (Figure 2). A analytical report provided by the GE Pittsfield, Ma. Laboratory (Attachment 1) has also been included.

Misc. Excavation Sampling-MCP Sites
 (East Street Area II)
 (Bldg. 63 Concrete Pad Soil Sampling
 (Round 3)
 (201.22.03)

Table 1

| LAB ID | SAMPLE DATE | CHROMIUM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH | SEE FIGURE |
|-----------|-------------|-------------------|-----------------|-----------------|---------------|--------------|------------|
| 63-4-5-C5 | 12-07-93 | SEE GE LAB REPORT | 5 | IN-SITU SOIL | DISCRETE-GRAB | 4'-5' | 2 |
| 63-5-6-C5 | 12-07-93 | SEE GE LAB REPORT | 5 | IN-SITU SOIL | DISCRETE-GRAB | 5'-6' | 2 |
| 63-4-5-C9 | 12-07-93 | SEE GE LAB REPORT | 9 | IN-SITU SOIL | DISCRETE-GRAB | 4'-5' | 2 |
| 63-5-6-C9 | 12-07-93 | SEE GE LAB REPORT | 9 | IN-SITU SOIL | DISCRETE-GRAB | 5'-6' | 2 |

NOTE: THE DISCRETE-GRAB IN-SITU SAMPLES WERE COLLECTED USING A STAINLESS STEEL SPLIT-SPOON SAMPLER.



BLDG. 63 CONCRETE PAD
 SOIL SAMPLING PROGRAM
 (ROUND 3)
 201.22.03

WITE
 LOCATION

LEE
STS

| | | | | |
|--|------------------------|-----------|------------------|-----------------|
| SAMPLING - MCP SITES (AREA II) SOIL SAMPLING (ROUND 3) | PROJ. NO. 201.22.03 | BY AGP | DATE 12-20-93 | SHEET 1 of 1 |
|--|------------------------|-----------|------------------|-----------------|

FIGURE 2

63
WALL

BLDG. 63

14' 3" →



4' 2" →

● LOC: C5

● LOC: C9

SCALE
1" = 6'

LEGEND
● - SAMPLE LOCATION

ATTACHMENT 1

E N V I R O N M E N T A L L A B O R A T O R Y

**** TEST REPORT ****

SUBJECT: FOUR SOILS FROM BLDG. 63 AREA FOR T-CHROMIUM
REQUESTOR: J.G. RUEBESAM
TEST(S) BY G.J. DESNOYERS, 11-331, C23, x4351
REPORT BY G.J. DESNOYERS, 11-331, C23, x4351
BOOK 9004, PAGE(S) 185

OBJECT:

DETERMINE TOTAL CHROMIUM IN FOUR SOIL SAMPLES.

SAMPLE ID:

FOUR SOIL SAMPLES TAKEN 12/7/93 (CHAIN OF CUSTODY ATTACHED).

1 63-4-5-C5 BLDG. 63 SOIL, 4 TO 5 FT., 12/7, 10:40 AM
2 63-5-6-C5 BLDG. 63 SOIL, 5 TO 6 FT., 12/7, 11:30 AM
3 63-4-5-C9 BLDG. 63 SOIL, 4 TO 5 FT., 12/7, 1:10 PM
4 63-5-6-C9 BLDG. 63 SOIL, 5 TO 6 FT., 12/7, 2:05 PM

METHODS:

NITRIC ACID DIGESTION FOLLOWED BY INDUCTIVELY COUPLED ARGON
PLASMA SPECTROMETRY.

RESULTS:

| Sample ID | mg Cr/Kg Dried Soil (Dried at 104 °C) | mg Cr/Kg Damp Soil (Soil as received) | % Weight Loss at 104 °C |
|-----------|--|--|----------------------------|
| 63-4-5-C5 | 268 | 234 | 13.00 |
| 63-5-6-C5 | 236 | 207 | 12.43 |
| 63-4-5-C9 | 36 | 32 | 13.08 |
| 63-5-6-C9 | 45 | 41 | 7.81 |

DISTRIBUTION:

J.G. RUEBESAM, G56;
G.J. DESNOYERS, C23;
W.A. FESSLER, C23.



BLASLAND & BOUCK ENGINEERS, P.C.
 6723 Tow Path Road, Box 66, Syracuse, New York 13214
 (315) 446-9120

CHAIN OF CUSTODY RECORD

| PROJECT NO. | PROJECT NAME | LAB ID | CUSTODY TAPE NUMBER | DATE | TIME | COMP. | GRAB | SAMPLE TYPE | | | NO. OF CONTAINERS | REMARKS | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|------------------------------|---------------------|--------------------------|-----------|--------------------------|-----------|--------------------------|-----------|--------------------------|-------------------|--------------------------|---|-----------|--------------------------|--------------------|--------------------------|------------------------------|--------------------------|-----------|--------------------------|-----------|--------------------------|-----------|--------------------------|-----------|--------------------|----------|--------------------|----------|--------------------|----------|--------------------|----------|--------------------|----------|--------------------|----------|--------------------|----------|
| | | | | | | | | SOLD | MPE | WATER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 201-22-03 | Bldg 63 60 Metric Pnd Soil Sampling (Rund) | 63-4-5-C5 | 12/13 | 1040 | | X | X | X | | 1 | | ANALYZE FOR CHROMIUM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 63-5-6-C5 | 12/13 | 1130 | | X | X | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 63-4-5-C9 | 12/13 | 1310 | | X | X | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 63-5-6-C9 | 12/13 | 1405 | | X | X | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>RECEIVED BY: (SIGNATURE)</td> <td>DATE/TIME</td> <td>RECEIVED BY: (SIGNATURE)</td> <td>DATE/TIME</td> <td>RECEIVED BY: (SIGNATURE)</td> <td>DATE/TIME</td> <td>RECEIVED BY: (SIGNATURE)</td> <td>DATE/TIME</td> <td>RECEIVED BY: (SIGNATURE)</td> <td>DATE/TIME</td> <td>RECEIVED BY: (SIGNATURE)</td> <td>DATE/TIME</td> <td>RECEIVED BY: (SIGNATURE)</td> <td>DATE/TIME</td> </tr> <tr> <td><i>[Signature]</i></td> <td>12/13/05</td> <td><i>[Signature]</i></td> <td>12/13/05</td> <td><i>[Signature]</i></td> <td>12/13/05</td> <td><i>[Signature]</i></td> <td>12/13/05</td> <td><i>[Signature]</i></td> <td>12/13/05</td> <td><i>[Signature]</i></td> <td>12/13/05</td> <td><i>[Signature]</i></td> <td>12/13/05</td> </tr> </table> | | | | | | | | | | | | | RECEIVED BY: (SIGNATURE) | DATE/TIME | RECEIVED BY: (SIGNATURE) | DATE/TIME | RECEIVED BY: (SIGNATURE) | DATE/TIME | RECEIVED BY: (SIGNATURE) | DATE/TIME | RECEIVED BY: (SIGNATURE) | DATE/TIME | RECEIVED BY: (SIGNATURE) | DATE/TIME | RECEIVED BY: (SIGNATURE) | DATE/TIME | <i>[Signature]</i> | 12/13/05 | <i>[Signature]</i> | 12/13/05 | <i>[Signature]</i> | 12/13/05 | <i>[Signature]</i> | 12/13/05 | <i>[Signature]</i> | 12/13/05 | <i>[Signature]</i> | 12/13/05 | <i>[Signature]</i> | 12/13/05 |
| RECEIVED BY: (SIGNATURE) | DATE/TIME | RECEIVED BY: (SIGNATURE) | DATE/TIME | RECEIVED BY: (SIGNATURE) | DATE/TIME | RECEIVED BY: (SIGNATURE) | DATE/TIME | RECEIVED BY: (SIGNATURE) | DATE/TIME | RECEIVED BY: (SIGNATURE) | DATE/TIME | RECEIVED BY: (SIGNATURE) | DATE/TIME | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>[Signature]</i> | 12/13/05 | <i>[Signature]</i> | 12/13/05 | <i>[Signature]</i> | 12/13/05 | <i>[Signature]</i> | 12/13/05 | <i>[Signature]</i> | 12/13/05 | <i>[Signature]</i> | 12/13/05 | <i>[Signature]</i> | 12/13/05 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>RECEIVED FOR LABORATORY BY: (SIGNATURE)</td> <td>DATE/TIME</td> <td>REMARKS</td> </tr> <tr> <td><i>[Signature]</i></td> <td>12/13/05 15:00</td> <td>DELIVERED TO FISHFIELD GELNS</td> </tr> </table> | | | | | | | | | | | | | RECEIVED FOR LABORATORY BY: (SIGNATURE) | DATE/TIME | REMARKS | <i>[Signature]</i> | 12/13/05 15:00 | DELIVERED TO FISHFIELD GELNS | | | | | | | | | | | | | | | | | | | | | | |
| RECEIVED FOR LABORATORY BY: (SIGNATURE) | DATE/TIME | REMARKS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <i>[Signature]</i> | 12/13/05 15:00 | DELIVERED TO FISHFIELD GELNS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

APPENDIX J, SECTION C-41

PROJECT: UST 64-01,02 SAMPLING

| LAB-ID | ANALYSIS | DATE SAMPLED | TIME SAMPLED | RESULT | SAMPLE LOCATION | SAMPLE TYPE | SAMPLE DESCRIPTION |
|--------------|-------------|--------------|--------------|---------|-----------------|--------------------|--------------------------|
| UST-64-01-C1 | (8030) PCB | 11/17/90 | 0930 | 4.2 ppm | #1 | GRAB LAB COMPOSITE | SOIL FROM EXCAVATED PILE |
| | | | 0934 | | #2 | | |
| | | | 0938 | | #3 | | |
| | | | 0942 | | #4 | | |
| | | | 0946 | ↓ | #5 | | |
| UST-64-01-C2 | (418.1) TPH | | 0950 | .26 ppm | #1 | GRAB LAB COMPOSITE | |
| | | | | | #2 | | |
| | | | | | #3 | | |
| | | | | | #4 | | |
| | | | | ↓ | #5 | | |
| UST-64-01-C3 | (9030) PCB | | 0954 | 2.8 ppm | #6 | GRAB LAB COMPOSITE | |
| | | | 0958 | | #7 | | |
| | | | 1032 | | #8 | | |
| | | | 1036 | | #9 | | |
| | | | 1010 | ↓ | #10 | | |
| | | | | | #11 | | |
| UST-64-01-C4 | (418.1) TPH | | 1014 | .24 ppm | #6 | GRAB LAB COMPOSITE | |
| | | | | | #7 | | |
| | | | | | #8 | | |
| | | | | | #9 | | |
| | | | | ↓ | #10 | | |
| UST-64-01-C5 | (8030) PCB | | 1018 | .64 ppm | #11 | GRAB LAB COMPOSITE | |
| | | | 1022 | | #12 | | |
| | | | 1026 | | #13 | | |
| | | | 1030 | | #14 | | |
| | | | 1034 | ↓ | #15 | | |
| | | | | | #16 | | |
| UST-64-01-C6 | (418.1) TPH | | 1038 | .22 ppm | #11 | GRAB LAB COMPOSITE | |
| | | | | | #12 | | |
| | | | | | #13 | | |
| | | | | | #14 | | |
| | | | | ↓ | #15 | | |
| UST-64-01-C7 | (8030) PCB | | 1042 | 4.6 ppm | #16 | GRAB LAB COMPOSITE | |
| | | | 1046 | | #17 | | |
| | | | 1050 | | #18 | | |
| | | | 1054 | | #19 | | |
| | | | 1058 | ↓ | #20 | | |

BLT

UST 64-01, 02 SAMPLING

PROJ. NO.

101-82-05

BY

JJH

DATE

SHEET

2 of 3

| 9-10 | ANALYSIS | DATE SAMPLED | TIME SAMPLED | RESULT | SAMPLE LOCATION | SAMPLE TYPE | SAMPLE DESCRIPTION |
|---------------|-------------|--------------|--------------|---------|-----------------|----------------------|--------------------------|
| UST-64-01-C8 | (418.1) TPH | 11/17/90 | 1102 | 59 ppm | #16 | GRAB FIELD COMPOSITE | SOIL FROM EXCAVATED PILE |
| | | | | | #17 | | |
| | | | | | #18 | | |
| | | | | | #19 | | |
| | | | | | #20 | | |
| UST-64-01-C9 | (9330) PCB | | 1106 | 80 ppm | #21 | GRAB LAB COMPOSITE | |
| | | | 1110 | | #22 | | |
| | | | 1114 | | #23 | | |
| | | | 1118 | | #24 | | |
| | | | 1122 | | #25 | | |
| UST 64-01-C10 | (418.1) TPH | | 1126 | 41 ppm | #21 | GRAB FIELD COMPOSITE | |
| | | | | | #22 | | |
| | | | | | #23 | | |
| | | | | | #24 | | |
| | | | | | #25 | | |
| UST 64-01-C11 | (9330) PCB | | 1130 | <.6 ppm | #26 | GRAB LAB COMPOSITE | |
| | | | 1134 | | #27 | | |
| | | | 1138 | | #28 | | |
| | | | 1142 | | #29 | | |
| | | | 1146 | | #30 | | |
| UST 64-01-C12 | (418.1) TPH | | 1150 | 19 ppm | #26 | GRAB FIELD COMPOSITE | |
| | | | | | #27 | | |
| | | | | | #28 | | |
| | | | | | #29 | | |
| | | | | | #30 | | |
| UST-64-01-C13 | (9330) PCB | 11/20/90 | 1320 | <.6 ppm | #31 | GRAB LAB COMPOSITE | SOIL FROM UNDER TANK AND |
| | | | 1315 | | #32 | | SIDEWALLS |
| | | | 1310 | | #33 | | |
| | | | 1305 | | #34 | | |
| | | | 1300 | | #35 | | |
| UST-64-01-C14 | (418.1) TPH | | 1325 | 1.1 ppm | #31 | GRAB FIELD COMPOSITE | |
| | | | | | #32 | | |
| | | | | | #33 | | |
| | | | | | #34 | | |
| | | | | | #35 | | |

UST 64-01, 02 SAMPLING

101-82-05

JJH

3 of 3

| ANALYSIS | DATE SAMPLED | TIME SAMPLED | RESULT | SAMPLE LOCATION | SAMPLE TYPE | SAMPLE DESCRIPTION |
|---|--------------|--------------|---------------------|-----------------|----------------------|------------------------------------|
| 3-10 | | | | | | |
| UST 64-01-C15 (8580) PCB | 11/20/90 | 1245 | <0.6 PPM | #36 | GRAB LAB COMPOSITE | ↓ STAINED SOIL |
| ↓ | | 1250 | ↓ | #37 | ↓ | ↓ |
| UST 64-01-C16 (418.1) TPH | | 1255 | 0.956 PPM | #36 | GRAB FIELD COMPOSITE | ↓ |
| ↓ | | | ↓ | #37 | ↓ | ↓ |
| UST 64-01-C17 (8580) PCB | | 1345 | 3.5 PPM | #38 | DISCRETE GRAB | ↓ ASPHALT |
| UST 64-01-C18 | | 1430 | 11 PPM | #39 | | ↓ |
| UST 64-01-C19 | | 1415 | <2 PPM | #40 | | ↓ CONCRETE |
| UST 64-01-C20 | | 1430 | <2 PPM | #41 | | ↓ |
| UST 64-01-C21 (8240) VOC | 11/21/90 | 1035 | SEE SACS LAB REPORT | #1 | | ↓ SOIL FROM EXCAVATED PILE |
| UST 64-01-C22 | | 1040 | | #3 | | ↓ |
| UST 64-01-C23 | | 1045 | | #4 | | ↓ |
| UST 64-01-C24 | | 1050 | | #5 | | ↓ |
| UST 64-01-C25 | | 1055 | | #6 | | ↓ |
| UST 64-01-C26 | | 1100 | | #7 | | ↓ |
| UST 64-01-C27 | | 1105 | | #8 | | ↓ |
| UST 64-01-C28 | | 1110 | | #9 | | ↓ |
| UST 64-01-C29 | | 1115 | | #10 | | ↓ |
| UST 64-01-C30 | | 1120 | | #11 | | ↓ |
| UST 64-01-C31 | | 1125 | | #12 | | ↓ |
| UST 64-01-C32 | | 1130 | | #17 | | ↓ |
| UST 64-01-C33 | | 1135 | | #19 | | ↓ |
| UST 64-01-C34 | | 1140 | | #20 | | ↓ |
| UST 64-01-C35 | | 1145 | | #31 | | ↓ SOIL UNDER TANK AND SIDEWALLS |
| UST 64-01-C36 | | 1150 | | #32 | | ↓ |
| UST 64-01-C37 | | 1155 | | #33 | | ↓ |
| UST 64-01-C38 | | 1200 | | #34 | | ↓ |
| UST 64-01-C39 | | 1205 | | #35 | | ↓ |
| UST 64-01-C40 | | 1210 | | #36 | | ↓ STAINED SOIL |
| UST 64-01-C41 | | 1215 | | #37 | | ↓ |
| UST 64-01-C42 TCLP NO METALS OR PESTICIDES | | 1220 | | #1-30 | GRAB FIELD COMPOSITE | ↓ SOIL FROM EXCAVATED PILE |
| UST 64-01-C43 | | 1225 | | #36-37 | ↓ | ↓ STAINED SOIL |
| UST 64-01-C44 (8080) PCB | 11/21/90 | 1100 | 2.8 PPM | #44 | DISCRETE GRAB | ↓ ASPHALT |
| UST 64-01-C45 | | 1115 | 19 PPM | #45 | | ↓ |
| UST 64-01-C46 | | 1130 | <2 PPM | #42 | | ↓ CONCRETE |
| UST 64-01-C47 | | 1145 | <2 PPM | #43 | | ↓ |



Report 1022 BIN #: 10

CLIENT Blastland & Bowick Engineers JOB NO. 2887.026.577

DESCRIPTION U5T 64-01, 02

Project# 101-82-05 MATRIX: Soils, Concrete.

DATE COLLECTED 11-20-90 DATE RECEIVED 11-21-90

| Sample # | PCB method 8080 | Total Petroleum Hydrocarbons | PCTS |
|---------------------|-----------------|------------------------------|------|
| U5T-64-01-C13 comp. | 42 | 20.6 | 85 |
| C14 Grab. | 43 | — | 83 |
| C15 comp. | 44 | 20.6 | 81 |
| C16 Grab | 45 | — | 82 |
| C17 | 46 | 3.5 | 97 |
| C18 | 47 | 11. | 170 |
| C19 concrete | 48 | 22. | — |
| C20 | 49 | 22. | — |

Comments: * By IR Spectrophotometer.

Certification No.: NY037
 Units: mg/kg Dry wt
 Authorized: _____
 Date: _____



Turnaround Times!

Laboratory Report

BIN #: 15CLIENT Blasland & Buck EngineersJOB NO. 2887-026-517DESCRIPTION UST-64-0165 PittsfieldMATRIX: Asphalt, Concrete, oilsDATE ANALYZED 11-30-90DATE COLLECTED 11-20-90DATE RECEIVED 11-27-90

| Sample # | PEB Method | Findings | | |
|----------|------------|----------|--|--|
| 24394 | 8090 | Asphalt | | |
| 95 | 19 | Asphalt | | |
| 96 | 22 | concrete | | |
| 97 | 22 | Asphalt | | |
| 98 | 6.8 | oil | | |
| 99 | 21 | oil | | |

Comments:

* **5 Day Turnaround!**
 * **24 hr. Rush!**

Certification No.: N4 034
 Units: mg/kg dry wt.

OBG Laboratories, Inc., an O'Brien & Gere Limited Company
 5000 Brittenfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 457-0200

Authorized: _____
 Date: _____



OBG LABORATORIES, INC.

PRELIMINARY

Laboratory Report

BIN #: 109

INT: Blastans & Buck Eng JOB NO. 2887-026-517
 DESCRIPTION: UST-104-01-02 Project # 101-82-05
Pittsfield, Mass. MATRIX: Soils
 DATE COLLECTED: 11-17-90 DATE RECEIVED: 11-20-90

| Sampled | FOB method 9080 | Total * Petroleum Hydrocarbon | PCTS |
|---------------------|-----------------|-------------------------------|------|
| | | mg/KG DRY WT | |
| UST-104-01-02 Comp. | 13959 | — | 85 |
| C2 ✓ Grab | 60 | 260. | 85. |
| C3 Comp. | 61 | — | 88. |
| C4 ✓ Grab | 62 | 240. | 88. |
| C5 Comp. | 63 | — | 88. |
| C6 ✓ Grab | 64 | 220. | 85. |
| C7 Comp. | 65 | — | 89. |
| C8 ✓ Grab | 66 | 590. | 87. |
| C9 Comp. | 67 | — | 87. |
| C10 ✓ Grab | 68 | 410. | 86. |
| C11 Comp. | 69 | — | 88. |
| C12 ✓ Grab | 70 | 190. | 86. |

Comments:

Certification No.:

Units:

Authorized:

Date:

OBG Laboratories, Inc., an O'Brien & Gere Limited Company
 5000 Brentonfield Parkway / Suite 300, Box 4942, Syracuse, NY 13221 / (315) 437-0200



PRELIMINARY

**volatile Organics
Method 8240**

CLIENT McAsland - Brook Engineering JOB NO. 2257 020 517
 DESCRIPTION 115T - 641 - Q1, Q2
GE pit/Bell Project # 101-82-9T Soils
 DATE COLLECTED 11-25-90 DATE RECEIVED 11-26-90 DATE ANALYZED See below

| DESCRIPTION: | 11-27-90 | 11-27-90 | 12-5-90 | 12-5-90 | 12-5-90 | 11-27-90 |
|----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| SAMPLE NO.: | UST 6401 C21 L4165 | UST 6401 C22 L4166 | UST 6401 C23 L4167 | UST 6401 C24 L4168 | UST 6401 C25 L4169 | UST 6401 C26 L4170 |
| Chloromethane | < 12 | < 12 | < 2900 | < 5600 | < 5900 | < 12 |
| Bromomethane | | | | | | |
| Vinyl chloride | | | | | | |
| Chloroethane | | | | | | |
| Methylene chloride | < 6 | < 6 | < 1400 | < 3000 | < 2900 | < 6 |
| Acetone | < 12 | < 12 | < 2900 | < 5600 | < 5900 | < 12 |
| Carbon disulfide | < 6 | < 6 | < 1400 | < 3000 | < 2900 | < 6 |
| 1,1-Dichloroethene | | | | | | |
| 1,1,1-Trichloroethene | | | | | | |
| 1,2-Dichloroethene (total) | | | | | | |
| Chloroform | | | | | | |
| 1,2-Dichloroethane | | | | | | |
| 2-Butanone | < 12 | < 12 | < 2900 | < 5600 | < 5900 | < 12 |
| 1,1,1-Trichloroethane | < 6 | < 6 | < 1400 | < 3000 | < 2900 | < 6 |
| Carbon tetrachloride | < 6 | < 6 | < 1400 | < 3000 | < 2900 | < 6 |
| Vinyl acetate | < 12 | < 12 | < 2900 | < 5600 | < 5900 | < 12 |
| Bromodichloromethane | < 6 | < 6 | < 1400 | < 3000 | < 2900 | < 6 |
| 1,2-Dichloropropane | | | | | | |
| cis-1,3-Dichloropropene | | | | | | |
| Trichloroethene | | | | | | |
| Dibromodichloromethane | | | | | | |
| 1,1,2-Trichloroethane | | | | | | |
| Benzene | | | | | | |



PRELIMINARY

**Volatile Organics
Method 8240**

CLIENT O'Brien and Gere Engineers JOB NO. 2887 026 517
 DESCRIPTION JSP-04-01, R
165 Pitts Field Project # 101-82 05 Soils
 DATE COLLECTED 11-21-90 DATE RECEIVED 11-26-90 DATE ANALYZED See below

| DESCRIPTION: | UST 0401 C21 | UST 0401 C22 | UST 0401 C23 | UST 0401 C24 | UST 0401 C25 | UST 0401 C26 |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| DATE ANALYZED | 11-27-90 | 11-27-90 | 12-5-90 | 12-5-90 | 12-5-90 | 11-27-90 |
| SAMPLE NO.: | L4165 | L4166 | L4167 | L4168 | L4169 | L4174 |
| trans-1,3-Dichloropropene | <6 | <6 | <1400 | <3000 | <2900 | <6 |
| Bromocm | <6 | <6 | <1100 | <3000 | <2900 | <6 |
| 2,4-Methyl-2-pentanone | <12 | <12 | <2500 | <5000 | <5900 | <12 |
| 2-Hexanone | <12 | <12 | <2900 | <5600 | <5900 | <12 |
| Tetrachloroethene | <6 | <6 | <1400 | <3000 | <2900 | <6 |
| 1,1,2,2-Tetrachloroethane | | | | | | |
| Toluene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Chlorobenzene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Ethylbenzene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Styrene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Xylenes (total) | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |

Comments: _____
 Methodology: EPA Toxic Compound List by 8240, SW-846
 November 1980, 3rd Edition
 Certification No.: _____
 Units: ug/kg Page 2 of 2

12/11/1990 11:07

10712018 P.04



PRELIMINARY

Volatile Organics
Method 8240

CLIENT Blossard - Buck Engineers JOB NO. 2887 020 517

DESCRIPTION UST - 64 - 01, 02

GE Pittsfield Project - 101-82-05 Soil

DATE COLLECTED 11-21-90 DATE RECEIVED 11-26-90 DATE ANALYZED See below

| DESCRIPTION: | UST 6401 C27 12-5-90 L4171 | UST 6401 C28 12-5-90 L4172 | UST 6401 C29 11-27-90 L4173 | UST 6402 C30 12-4-90 L4174 | UST 6401 C31 12-4-90 L4175 | UST 6401 C32 12-4-90 L4176 |
|----------------------------|-------------------------------------|-------------------------------------|--------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Chloromethane | <1400 | <1400 | <72 | <12 | <11 | <11 |
| Bromomethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Vinyl chloride | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Chloroethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Methylene chloride | <710 | <730 | <6 | <6 | <6 | <6 |
| Acetone | <1400 | <1400 | <12 | <12 | <11 | <11 |
| Carbon disulfide | <710 | <730 | <6 | <6 | <6 | <6 |
| 1,1-Dichloroethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,1-Dichloroethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,2-Dichloroethane (total) | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Chloroform | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,2-Dichloroethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2-Butanone | <1420 | <1400 | <12 | <12 | <11 | <11 |
| 1,1,1-Trichloroethane | <710 | <730 | <6 | <6 | <6 | <6 |
| Carbon tetrachloride | <710 | <730 | <6 | <6 | <6 | <6 |
| Vinyl acetate | <1400 | <1400 | <12 | <12 | <11 | <11 |
| Bromodichloromethane | <710 | <730 | <6 | <6 | <6 | <6 |
| 1,2-Dichloropropane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| trans-1,3-Dichloropropene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Trichloroethene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Dibromochloromethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,1,2-Trichloroethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Benzene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |

12/11/1990 11:07

10712018 P.05



LABORATORIES, INC.

Volatile Organics Method 8240

PRELIMINARY

CLIENT O'Brien & Gere Engineers JOB NO. 2987 026 517

DESCRIPTION UST-04 C1, B

65 Pitts Erie St Project # 101-82.05 Soil

DATE COLLECTED 11-21-90 DATE RECEIVED 11-26-90 DATE ANALYZED See below

| DESCRIPTION: | UST0401 C27 | UST0401 C28 | UST0401 C29 | UST0401 C30 | UST0401 C31 | UST0401 C32 |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| DATE ANALYZED: | | | | | | |
| SAMPLE NO.: | L4171 | L4172 | L4173 | L4174 | L4175 | L4176 |
| trans-1,3-Dichloropropane | <710 | <730 | <6 | <6 | <6 | <6 |
| Bromoform | <710 | <730 | <6 | <6 | <6 | <6 |
| 1-Methyl-2-pentanone | <1400 | <1400 | <12 | <12 | <11 | <11 |
| 2-Hexanone | <1400 | <1400 | <12 | <12 | <11 | <11 |
| Tetrachloroethene | <710 | <730 | <6 | <6 | <6 | <6 |
| 1,1,2,2-Tetrachloroethane | | | | | | |
| Toluene | | | | | | |
| Chlorobenzene | | | | | | |
| Benzene | | | | | | |
| Styrene | | | | | | |
| Xylene (total) | | | | | | |

Comments:

Methodology: EPA Target Compounds List by 8240, SW-846
November 1988, 2nd Edition

Certification No.:

Units: ug/kg

Page 2 of 2

Authorized: _____

Date: _____



PRELIMINARY

**Volatile Organics
Method 8240**

CLIENT Keasland - Truck Engineers JOB NO. 2587 026 517
 DESCRIPTION 1135 - 64 - 01, 02
GE Pittsburgh Project # 101.42-05 Soil
 DATE COLLECTED 11-21-90 DATE RECEIVED 11-26-90 DATE ANALYZED Dec 6/90

| DESCRIPTION: | UST0401 C37 12-4-90 L4177 | UST0401 C34 12-4-90 L4178 | UST0401 C35 L4179 | UST0401 C36 12-4-90 L4180 | UST0401 C37 12-4-90 L4181 | UST0401 C38 12-5-90 L4182 |
|----------------------------|------------------------------------|------------------------------------|-------------------------|------------------------------------|------------------------------------|------------------------------------|
| Chloromethane | <12 | <11 | <12 | <12 | <11 | <1440 |
| Bromomethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Vinyl chloride | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Chloroethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Methylene chloride | <6 | <6 | <6 | <6 | <6 | <720 |
| Acetone | <12 | <11 | <12 | <12 | <11 | <1440 |
| Carbon disulfide | <6 | <6 | <6 | <6 | <6 | <720 |
| 1,1-Dichloroethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,1,1-Trichloroethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,2-Dichloroethane (total) | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Chloroform | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,2-Dichloropropane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2-Butanone | <12 | <11 | 80 | <12 | <11 | <1440 |
| 1,1,1-Trichloroethane | <6 | <6 | <6 | <6 | <6 | <720 |
| Carbon tetrachloride | <6 | <6 | <6 | <6 | <6 | <720 |
| Vinyl acetate | <12 | <11 | <12 | <12 | <11 | <1440 |
| Bromodichloromethane | <6 | <6 | <6 | <6 | <6 | <720 |
| 1,2-Dichloropropane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| cis-1,2-Dichloropropane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Trichloroethene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Dibromochloromethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,1,2-Trichloroethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Benzene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |

12/11/1990 11:08



10712019 P.07
Volatile Organics
Method 8240

PRELIMINARY

CLIENT Blasland and Rouse Engineers JOB NO. 2887 024 517
DESCRIPTION MT-44-01 R
GE Pits E-14 Project # 101-83.05 Soils
DATE COLLECTED 11-21-90 DATE RECEIVED 11-26-90 DATE ANALYZED See below

| DESCRIPTION: | UST6401 C33 | UST6401 C34 | UST6401 C35 | UST6401 C36 | UST6401 C37 | UST6401 C38 |
|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| SAMPLE NO.: | L4177 | L4178 | L4179 | L4180 | L4181 | L4182 |
| trans-1,2-Dichloroethene | <6 | <6 | <6 | <6 | <6 | <720 |
| Bromoform | <6 | <6 | <6 | <6 | <6 | <720 |
| 4-Methyl-2-pentanone | <12 | <11 | <12 | <15 | <11 | <1440 |
| 2-Hexanone | <12 | <11 | <12 | <12 | <11 | <1440 |
| Tetrachloroethane | <6 | <6 | <6 | <6 | <6 | <720 |
| 1,1,2,2-Tetrachloroethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Toluene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Chlorobenzene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Ethylbenzene | ↓ | ↓ | 32 | ↓ | ↓ | ↓ |
| Styrene | ↓ | ↓ | 46 | ↓ | ↓ | ↓ |
| Xylenes (total) | ↓ | ↓ | 200 | ↓ | ↓ | ↓ |

Comments:

Methodology: EPA Target Compound List by 8240, 9th-10th
Revisions 1988, 3rd Edition

Correction No.:

Unit: ug/kg

Page 2 of 2

Authorized: _____

Date: _____

12/11/1990 11:08

10712018 P.08



PRELIMINARY

Method 8240

CLIENT O'Brien - Private Engineering JOB NO. 2587 020.517
 DESCRIPTION UST-64-01, 02
GE pit/Bell Project # 101-R2-05 Soil
 DATE COLLECTED 11-25-90 DATE RECEIVED 11-26-90 DATE ANALYZED See below

| DESCRIPTION: | UST6401 C39 | UST6401 C40 | UST6401 C41 |
|----------------------------|----------------|----------------|----------------|
| DATE ANALYZED | 12-5-90 | 12-5-90 | 12-5-90 |
| SAMPLE NO.: | L4183 | L4184 | L4185 |
| Chloromethane | < 72000 | < 1600 | < 16000 |
| Bromomethane | ↓ | ↓ | ↓ |
| Vinyl chloride | ↓ | ↓ | ↓ |
| Chloroethane | ↓ | ↓ | ↓ |
| Methylene chloride | < 36000 | < 800 | < 7800 |
| ACETONE | < 72000 | < 1600 | < 16000 |
| Carbon disulfide | < 36000 | < 800 | < 7800 |
| 1,1-Dichloroethane | ↓ | ↓ | ↓ |
| 1,1,1-Trichloroethane | ↓ | ↓ | ↓ |
| 1,2-Dichloroethane (total) | ↓ | ↓ | ↓ |
| Chloroform | ↓ | ↓ | ↓ |
| 1,2-Dichloroethane | ↓ | ↓ | ↓ |
| 2-Butanone | < 72000 | < 1600 | < 16000 |
| 1,1,1-Trichloroethane | < 36000 | < 800 | < 7800 |
| Carbon tetrachloride | < 36000 | < 800 | < 7800 |
| Vinyl acetate | < 72000 | < 1600 | < 16000 |
| Bromochloromethane | < 36000 | < 800 | < 7800 |
| 1,2-Dichloropropane | ↓ | ↓ | ↓ |
| cis-1,2-Dichloropropane | ↓ | ↓ | ↓ |
| Trichloroethene | ↓ | ↓ | ↓ |
| Dibromochloromethane | ↓ | ↓ | ↓ |
| 1,1,2-Trichloroethane | ↓ | ↓ | ↓ |
| Benzene | ↓ | ↓ | ↓ |

Authorized: _____
 Date: _____

12/11/1990 11:09



10712018 P.09
VOLUME ORGANICS
Method 8240

PRELIMINARY

CLIENT GlaxoSmithKline Research Triangle JOB NO. 2887 024 517
 DESCRIPTION JSF-04-01, B
1st Flr. Bldg. Project # 101-82-05 Soth
 DATE COLLECTED 11-21-90 DATE RECEIVED 11-26-90 DATE ANALYZED See below

| DESCRIPTION: | USF6401 C39 | USF6401 C40 | USF6401 C41 |
|---------------------------|----------------|----------------|----------------|
| DATE Analyzed | | | |
| SAMPLE NO.: | L4183 | L4184 | L4185 |
| trans-1,3-Dichlorobenzene | < 36000 | < 800 | < 7800 |
| Bromobenzene | < 36000 | < 800 | < 7800 |
| 4-Methyl-2-pentanone | < 72000 | < 1600 | < 11600 |
| 2-Hexanone | < 72000 | < 1600 | < 16000 |
| Tetrachloroethene | < 36000 | < 800 | < 7800 |
| 1,1,2,2-Tetrachloroethane | ↓ | | |
| Toluene | 100000 | | |
| Chlorobenzene | < 36000 | | |
| Ethylbenzene | 602000 | | |
| Styrene | < 36000 | | |
| Xylene (total) | 430000 | | 9300 |

Comments:

Methodology: EPA Toxic Compound List by E242, SW-846
November 1980, 3rd Edition

Qualification No.:

LINE: 491kg

Page 2 of 3

ANALYST:

Date:

12/11/1990 11:10

10712018 P.12



Laboratory Report

~~DO NOT PROVIDE PROTECTION~~
NEED TO - WILL TRY TO COMPLETE
IN 2 WEEKS. MAX

Pg. 282. BIN #: 6

CLIENT Bladland & Bouch Engineers JOB NO. 897-126-517

DESCRIPTION 115T-64-01

Toxicity Characteristic Leaching Procedure MATRIX: Soil

DATE COLLECTED 11-21-90 DATE RECEIVED 11-26-90

| Description | C42 | C43 | | |
|-----------------------------------|---------|---------|--|--|
| Sample # | 24186 | 24187 | | |
| <u>T C L P</u> | | | | |
| Metals: | | | | |
| ARSENIC | <0.5 | <0.5 | | |
| BARIUM | <10. | <10. | | |
| CADMIUM | <0.1 | <0.1 | | |
| CHROMIUM | <0.5 | <0.5 | | |
| LEAD | <0.5 | <0.5 | | |
| MERCURY | <0.0005 | <0.0005 | | |
| SELENIUM | <0.1 | <0.1 | | |
| SILVER | <0.5 | <0.5 | | |
| Other Analysis: | | | | |
| PERCENT TOTAL SOLIDS | 85 | 82 | | |
| Volatiles by 8010/8020 | | | | |
| Volatiles by 8210 | | | | |
| Semivolatiles by 8270 | | | | |
| Pesticides by 8080 | | | | |
| Herbicides | | | | |

Comments:

Certification No.:

Units: mg/l

Authorized: _____

Date: _____

12/11/1990 11:09

10712018 P.11



Laboratory Report

PRELIMINARY

CLIENT BLASLAND BUCK ENGINEERS INC. JOB NO. 2187.026.517

DESCRIPTION UST-64-01
Toxicity Characteristic Leaching Procedure

DATE COLLECTED 11/2/90 DATE RECEIVED 11/26/90

| Description | C42 | C43 | | | |
|------------------------------------|-----------------|-------|--|--|--|
| Sample # | L4186 | L4187 | | | |
| TCLP Semivolatile Organics: | | | | | |
| m-CRESOL | <0.01 | <0.01 | | | |
| p-CRESOL | | | | | |
| o-CRESOL | | | | | |
| CRESOL | | | | | |
| 1,4-DICHLOROBENZENE | | | | | |
| 2,4-DINITROTOLUENE | | | | | |
| HEXACHLOROBENZENE | | | | | |
| HEXACHLOROBUTADIENE | | | | | |
| HEXACHLOROETHANE | | | | | |
| NITROBENZENE | | | | | |
| PENTACHLOROPHENOL | 40.06 | 40.06 | | | |
| PYRIDINE | 40.11 | 40.11 | | | |
| 2,4,6-TRICHLOROPHENOL | 40.06 | 40.06 | | | |
| 2,4,6-TRICHLOROPHENOL | 40.01 | 40.01 | | | |
| Analytical Record: | | | | | |
| Date Leachate Created | <u>11/23/90</u> | | | | |
| Date Extracted | <u>11/30/90</u> | | | | |
| Batch Analyzed | <u>12/04/90</u> | | | | |

Comments

Concentration Units

Units: mg/l

AUTHORIZED

Date:



PRELIMINARY

Laboratory Report

CLIENT Blasland & Bouck Engineers, PC JOB NO. 2887.026.517
 DESCRIPTION U.S.T-64-01

Toxicity Characteristic Leaching Procedure

DATE COLLECTED 11-21-90 DATE RECEIVED 11-26-90

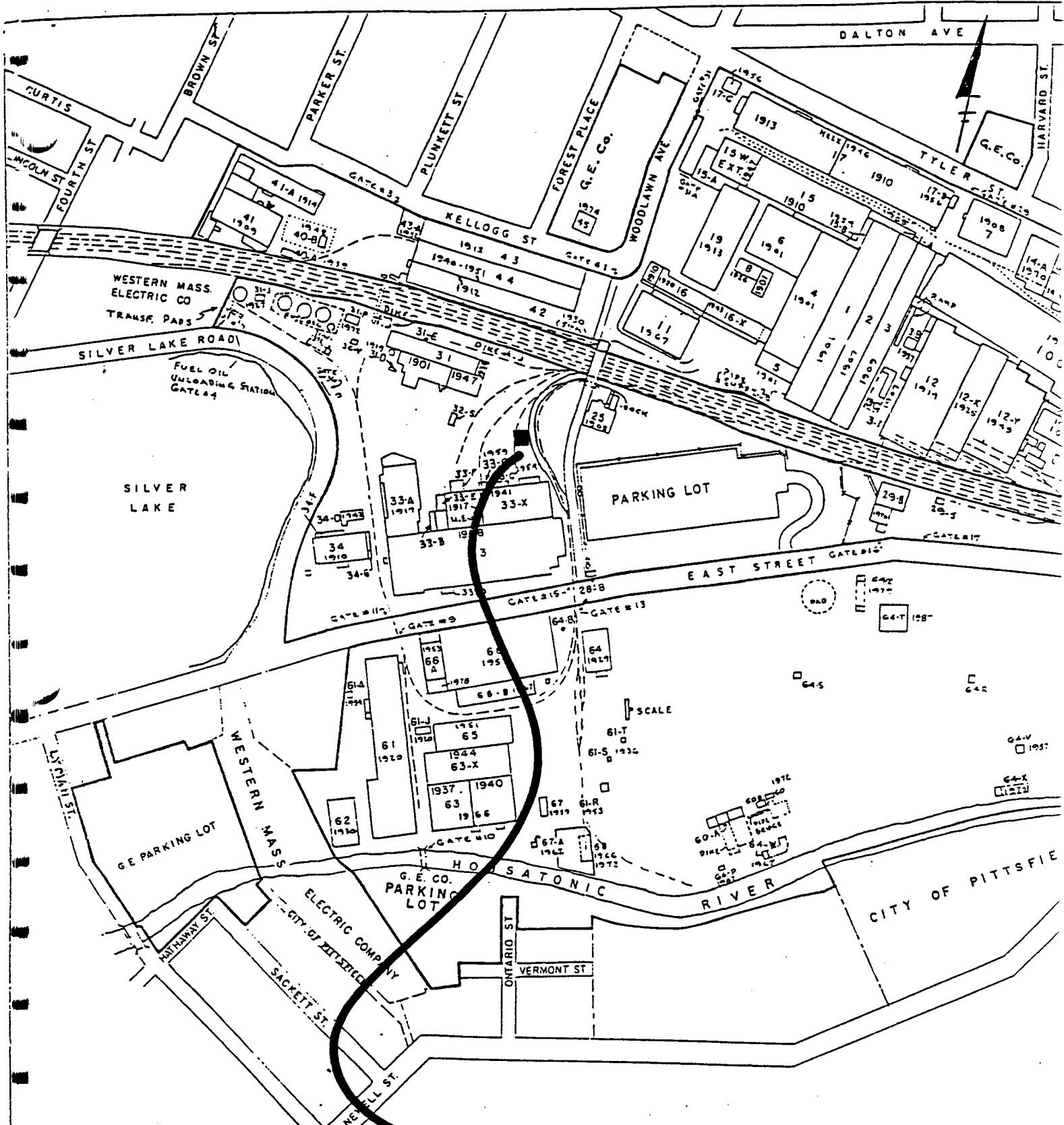
| Description | C42 | C43 |
|--------------------------------|----------------|-------|
| Sample # | L4186 | L4187 |
| TCLP Volatile Organics: | | |
| BENZENE | <0.01 | <0.01 |
| CARBON TETRACHLORIDE | ↓ | ↓ |
| CHLOROBENZENE | ↓ | ↓ |
| CHLOROFORM | ↓ | ↓ |
| 1,2-DICHLOROETHANE | ↓ | ↓ |
| 1,1-DICHLOROETHYLENE | ↓ | ↓ |
| METHYL ETHYL KETONE | <0.6 | <0.6 |
| TETRACHLOROETHYLENE | <0.01 | <0.01 |
| TRICHLOROETHYLENE | ↓ | ↓ |
| VINYL CHLORIDE | ↓ | ↓ |
| Analytical Record: | | |
| Date Leachate Created | <u>12-4-90</u> | |
| Date Analyzed | <u>12-5-90</u> | |

Certification No.:

Units: mg/l

Authorized: _____

Date: _____



SAMPLE LOCATION

SUBJECT
BLDG. 33-1 (EAST SIDE)

PROJ. NO.

BY

DATE

SHEET

WATER LINE EXCAVATION SOIL SAMPLING (OUTSIDE)

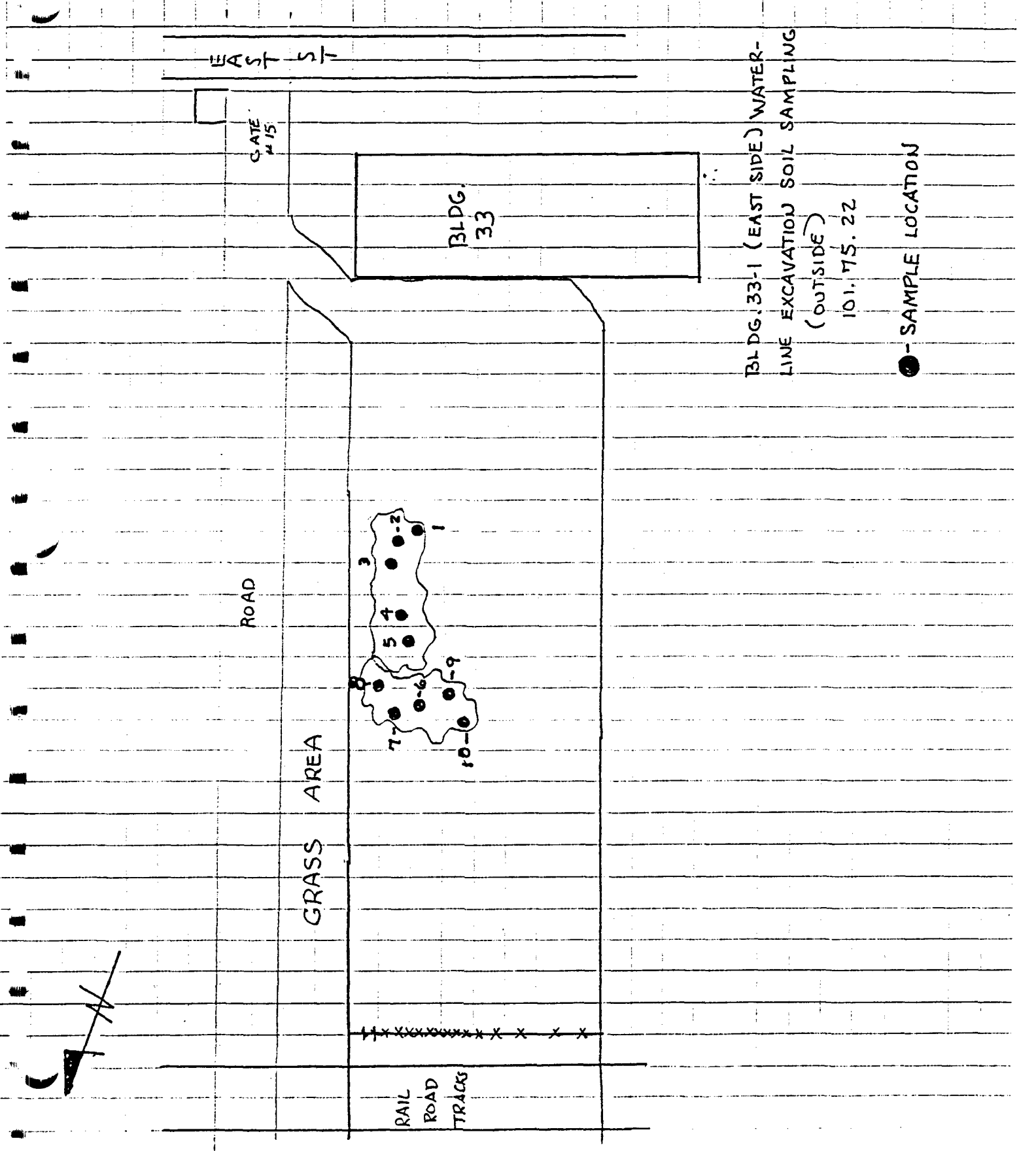
101.75.22

AGP

10-8-91

NOT TO SCALE

FIGURE #1



BLDG. 33-1 (EAST SIDE) WATER-
LINE EXCAVATION SOIL SAMPLING
(OUTSIDE)
101.75.22

● - SAMPLE LOCATION



SUBJECT
BLDG. 33-1 (EASTSIDE)
WATER LINE EXCAVATION SOIL SAMPLING (OUTSIDE)

PROJ. NO.

BY

DATE

SHEET

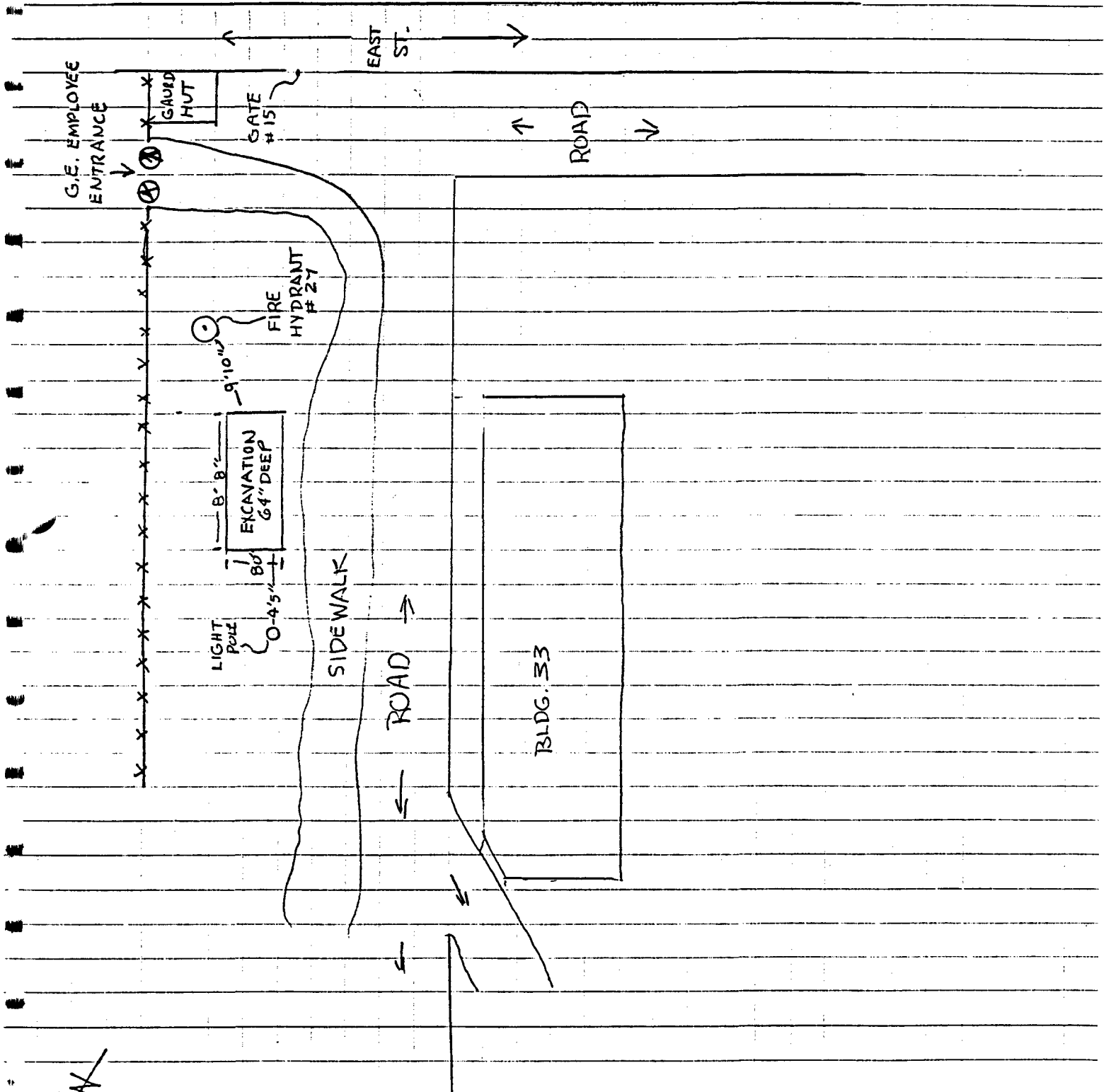
101.75.22

AGP

10-8-91

NOT TO SCALE

FIGURE #2



APPENDIX J, SECTION C-43

PRELIMINARY

PLASLAND & BOUCK ENGINEERS, P.C.
(REQUEST FOR SAMPLING)

TO: Files

DATE: 11-20-92

FROM: Bruce Eulian

FILE NO: 101.78.22

RE: Bldg 64 - New Gate Excavation Sampling

INITIATOR: Aimee Cole (GE)

DATE: 11-16-92

BLDG. LOCATION: Bldg 64 (outside)

CONTACT PERSON: Aimee Cole (GE)

EXT: 2534

ITEM DESCRIPTION:

1.) Soil

2.) Concrete

PURPOSE: To collect samples for GE to determine the proper disposal method for the soil and concrete that was generated during an excavation for the new gate at Bldg 64.

NOTES: The following sampling program was implemented as the request of Aimee Cole (GE), see attached sample request letter dated 11-16-92.

1.) Soil and concrete generated from the excavation activities for the the new gate at Bldg 64 are to be sampled for PCB's and analyzed by (Method 8080). Also, the soil is to be sampled for TCLP (No Herbicides or Pesticides) (1) field-composite sample for every 10 cy yds of soil.

2.) Soil samples are to be screened for Volatile Organic Compounds with a calibrated PID meter. If the PID readings on the soil are <10 PPM GE requests the soil and concrete samples to be sent to OBG Laboratories in Pittsfield, MA.

3.) If the PID readings on the soil are greater than or equal to 10 PPM GE requests the soil to be sampled for VOC's and analyzed by (Method 8240), 1,2,4 Trichlorobenzene and analyzed by (Method 8120). The criteria for sampling is to collect (1) field-composite sample for every 10 cu yds of soil.

4.) If the PID readings on the soil are greater than or equal to 10 PPM GE requests that all samples including PCB and TCLP will be sent to OBG Laboratories in Syracuse, NY. If the PID readings are less than 10 PPM GE requests the TCLP samples be delivered to the Pittsfield GE Laboratory for pickup by Alpha Analytical.

November 16, 1992

SAMPLE_REQUEST

To: B. Eulian - B & B

From: A. Cole - GEC 

Re: Post-excavation sampling North of bldg. 64 Grid R9

On November 12, 1992 Facilities personnel brought to our attention the need to dispose of soil excavated for installation of a new turnstile. The estimated volume of soil is about 40 yards. A small amount of concrete is also present. This is not an Area 2 excavation.

Please sample the soil pile using the frequency for emergency excavations. Take 5 PCB samples for the first 20 yards and up to 5 PCB samples for the next 20 yards. Do PID on the samples. If PID hits greater than 10 on any sample then take 1 sample for every ten yards for VOC's and 1, 2, , Trichlorobenzene. Please take a field composite sample for TCLP (no pesticide, no herbicide) for each ten yard volume. Please take 3 samples of the concrete for PCB only. PCB samples may be sent to the O B & G lab locally. TCLP goes to Alpha through the GE lab. If VOC's are sampled also then send all samples for analysis to O B & G in Syracuse.

DELIVERED TO
GRANT BOWMAN (GE)
1-27-93

PRELIMINARY

BLASLAND AND BOUCK ENGINEERS P.C.

SAMPLING PROGRAM FIELD SUMMARY

To: Files
From: Bruce Eulian
Re: Bldg 64 - New Gate Excavation Sampling

Date: 11-24-92
File No: 101.75.22
cc: Grant Bowman (GE)
Robert Rhoades (B&B)

The following is a summary of samples (Table 1) collected on 11-19-92 and 11-23-92 from the soil and concrete generated during the excavation for the New Gate at Bldg 64. Approximately 34.4 cu yds of soil and 9.3 cu yds of concrete was generated during the excavation.

At the request of Ainee Cole (GE) the following sampling program was implemented:

Excavation Pile #1 - approximately 1.9 cu yds of soil - collected three (3) discrete grab samples - PCB's Method 8080

Excavation Pile #2 - approximately 9.5 cu yds of soil - collected five (5) discrete grab samples - PCB's Method 8080

Excavation Pile #3 - approximately 14.6 cu yds of soil - collected five (5) discrete grab samples - PCB's Method 8080

Excavation Pile #4 - approximately 9.3 cu yds of concrete - collected three (3) full core samples - PCB's Method 8080

Excavation Pile #5 - approximately 8.2 cu yds of soil - collected five (5) discrete grab samples - PCB's Method 8080 and one (1) field composite sample for VOC's Method 8240 and 1,2, 4 Trichlorobenzene Method 8120.

Note: Three (3) field composite samples were collected for TCLP (No Herbicides or Pesticides); one (1) sample from Excavation Pile #'s 1 & 2, one (1) sample from Excavation Pile #3 and one (1) sample from Excavation Pile #5.

At the request of Ainee Cole (GE) 18 discrete-grab samples of soil and (3) full-core sample of concrete were collected and analyzed discretely for PCB's using Method 8080. All soils were screened with a calibrated PID meter. Soil from Pile #'s 1, 2, & 3 were found to be <10 PPM, therefore the soil did not have to be analyzed for VOC's using Method 8240 or 1,2,4 trichlorobenzene using Method 8120. Soil from Pile #5 was found to be greater than or equal to 10 PPM, therefore (1) field composite sample was collected and analyzed for VOC's Method 8240 and 1,2, 4 Trichlorobenzene Method 8120.

Drawings showing the site location (Figure 1), and the sample locations (Figure 2) have been included. Preliminary analytical reports provided by CSB Laboratories and an analytical report provided by Alpha Analytical (Attachment 1) has also been included. In addition, calibration forms (Attachment 2), and the soil screening results (Attachment 3) have also been provided.

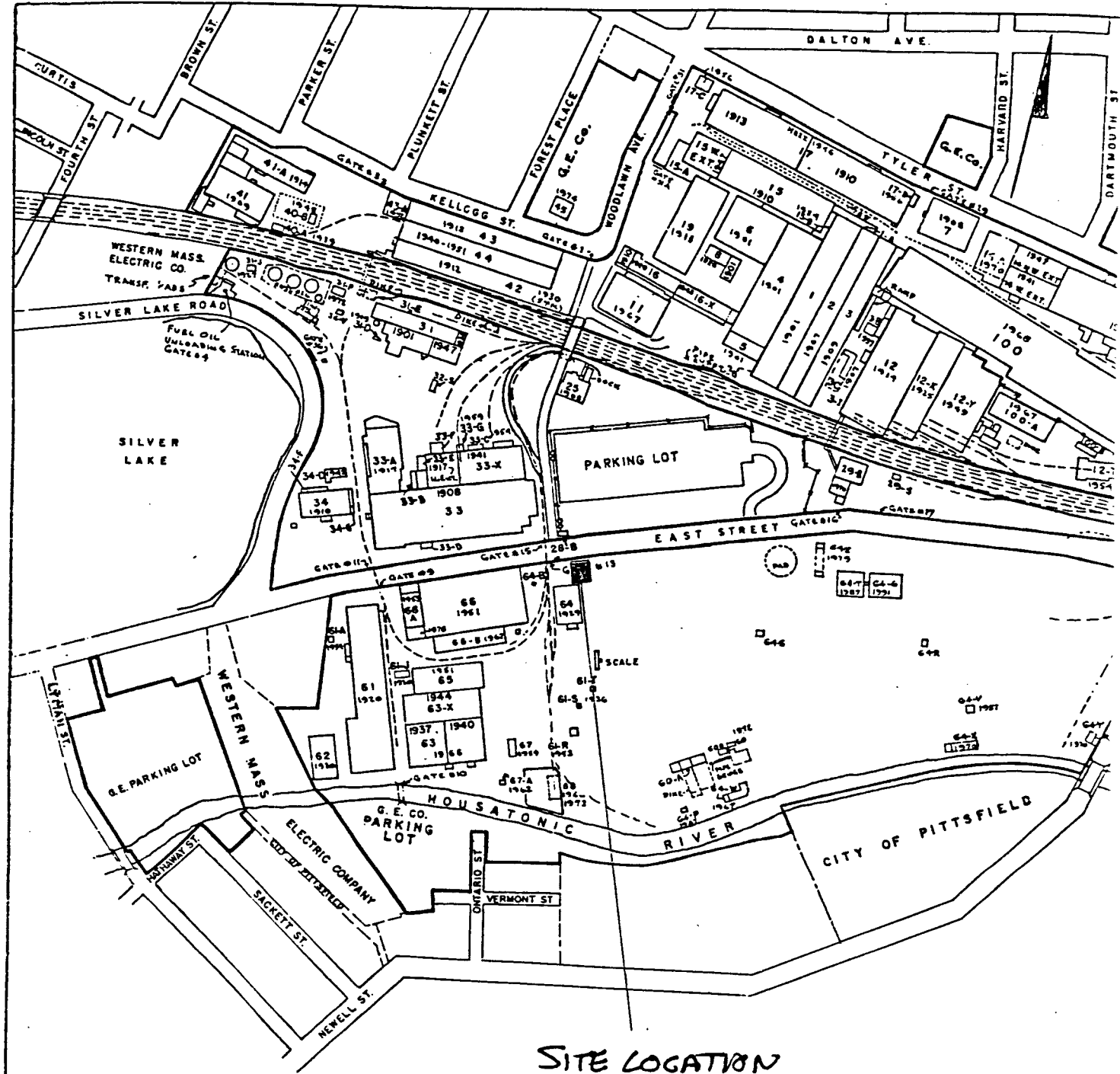
(10/15/22)

TABLE 1

PRELIMINARY

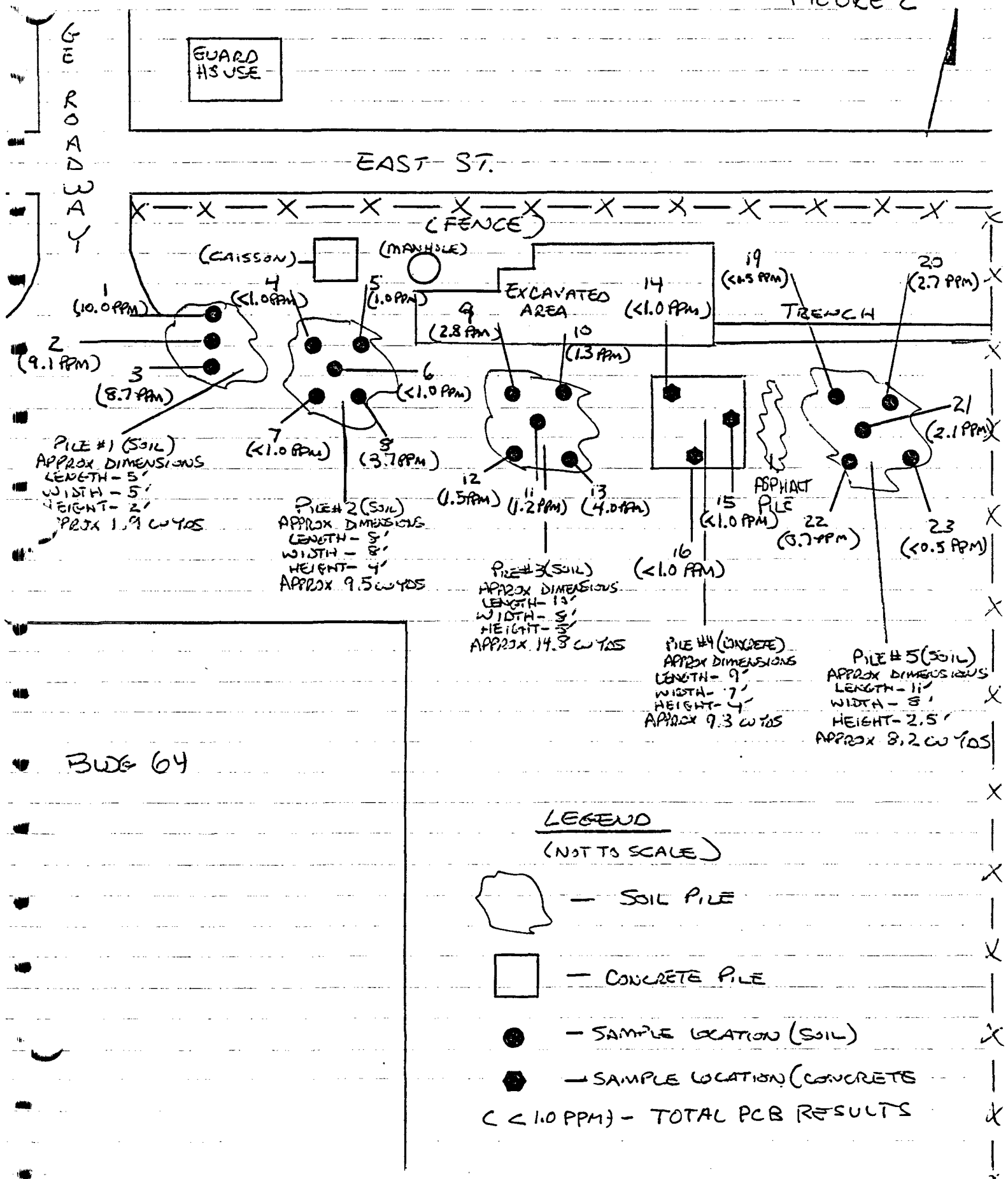
| LOG ID | DATE SAMPLED | TOTAL PCB METHD 8080 PPM | MCC'S METHD 8240 | 1,2,4 TRICHLOROBENZENE METHD 8120 | THP OR PESTICIDES OR RESIDUES | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH | SEE FIGURE |
|---------------|--------------|--------------------------|--------------------|-----------------------------------|-------------------------------|-----------------|-----------------|-----------------|--------------|------------|
| FILE # 1 | | | | | | | | | | |
| 64-RES-01 | 11-19-92 | 10.0 | NONE | NONE | NONE | 1 | SOIL | DISCRETE-ORNB | 0-1' | 2 |
| 64-RES-02 | 11-19-92 | 9.1 | NONE | NONE | NONE | 2 | SOIL | DISCRETE-ORNB | 1-2' | 2 |
| 64-RES-03 | 11-19-92 | 8.7 | NONE | NONE | NONE | 3 | SOIL | DISCRETE-ORNB | 0-1' | 2 |
| FILE # 2 | | | | | | | | | | |
| 64-RES-04 | 11-19-92 | 4.0 | NONE | NONE | NONE | 4 | SOIL | DISCRETE-ORNB | 0-1' | 2 |
| 64-RES-05 | 11-19-92 | 1.0 | NONE | NONE | NONE | 5 | SOIL | DISCRETE-ORNB | 1-2' | 2 |
| 64-RES-06 | 11-19-92 | <1.0 | NONE | NONE | NONE | 6 | SOIL | DISCRETE-ORNB | 2-3' | 2 |
| 64-RES-07 | 11-19-92 | <1.0 | NONE | NONE | NONE | 7 | SOIL | DISCRETE-ORNB | 0-1' | 2 |
| 64-RES-08 | 11-19-92 | 3.7 | NONE | NONE | NONE | 8 | SOIL | DISCRETE-ORNB | 1-2' | 2 |
| FILE # 3 | | | | | | | | | | |
| 64-RES-09 | 11-19-92 | 2.8 | NONE | NONE | NONE | 9 | SOIL | DISCRETE-ORNB | 0-1' | 2 |
| 64-RES-10 | 11-19-92 | 1.3 | NONE | NONE | NONE | 10 | SOIL | DISCRETE-ORNB | 1-2' | 2 |
| 64-RES-11 | 11-19-92 | 1.2 | NONE | NONE | NONE | 11 | SOIL | DISCRETE-ORNB | 2-3' | 2 |
| 64-RES-12 | 11-19-92 | 1.5 | NONE | NONE | NONE | 12 | SOIL | DISCRETE-ORNB | 0-1' | 2 |
| 64-RES-13 | 11-19-92 | 4.0 | NONE | NONE | NONE | 13 | SOIL | DISCRETE-ORNB | 1-2' | 2 |
| FILE # 4 | | | | | | | | | | |
| 64-RES-14 | 11-19-92 | <1.0 | NONE | NONE | NONE | 14 | CONCRETE | FILL-ORNB | 0-6" | 2 |
| 64-RES-15 | 11-19-92 | <1.0 | NONE | NONE | NONE | 15 | CONCRETE | FILL-ORNB | 0-6" | 2 |
| 64-RES-16 | 11-19-92 | <1.0 | NONE | NONE | NONE | 16 | CONCRETE | FILL-ORNB | 0-6" | 2 |
| FILES # 1 & 2 | | | | | | | | | | |
| 64-RES-17 | 11-19-92 | NONE | NONE | NONE | SEE PLUMB LOG REPORT | 1-8 | SOIL | FIELD-COMPOSITE | 0-3' | 2 |
| FILE # 3 | | | | | | | | | | |
| 64-RES-18 | 11-19-92 | NONE | NONE | NONE | SEE PLUMB LOG REPORT | 9-13 | SOIL | FIELD-COMPOSITE | 0-3' | 2 |
| FILE # 5 | | | | | | | | | | |
| 64-RES-19 | 11-23-92 | <0.5 | NONE | NONE | NONE | 19 | SOIL | DISCRETE-ORNB | 0-1' | 2 |
| 64-RES-20 | 11-23-92 | 2.7 | NONE | NONE | NONE | 20 | SOIL | DISCRETE-ORNB | 1-2' | 2 |
| 64-RES-21 | 11-23-92 | 2.1 | NONE | NONE | NONE | 21 | SOIL | DISCRETE-ORNB | 2-3' | 2 |
| 64-RES-22 | 11-23-92 | 0.7 | NONE | NONE | NONE | 22 | SOIL | DISCRETE-ORNB | 1-2' | 2 |
| 64-RES-23 | 11-23-92 | <0.5 | NONE | NONE | NONE | 23 | SOIL | DISCRETE-ORNB | 0-1' | 2 |
| 64-RES-24 | 11-23-92 | NONE | SEE ORG LOG REPORT | SEE ORG LOG REPORT | SEE ORG LOG REPORT | 19-23 | SOIL | FIELD-COMPOSITE | 0-3' | 2 |

FIGURE 1



SITE LOCATION
BLDG 64 - NEW GATE
EXCAVATION SAMPLES
(101.75.22)

FIGURE 2



LEGEND
(NOT TO SCALE)

- SOIL PILE
- CONCRETE PILE
- SAMPLE LOCATION (SOIL)
- SAMPLE LOCATION (CONCRETE)
- (< 1.0 PPM) - TOTAL PCB RESULTS

ATTACHMENT 1



4147

PRELIMINARY
NOV 20 1992

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520
 DESCRIPTION G.E., Pittsfield Job No. 101-75-22
Bldg 64 New Gate Excavation Sampling
 Date Analyzed 11/19 → 11/20/92 DATE COLLECTED See Below DATE RECEIVED 11/19/92

| Lab ID NO. | DATE EXTRACTED | DATE SAMPLED | SCREEN VALUE | PCTS % | PCB | COMMENTS | QC RESULTS |
|------------|----------------|--------------|--------------|--------|-----|----------|------------|
| 64-GES-C1 | 11/19/92 | 11/19/92 | 9.1 | 91 | 10 | soil | A see pg 2 |
| -C2 | | | 8.3 | 91 | 9.1 | | |
| -C3 | | | 7.8 | 90 | 8.7 | | |
| -C4 | | | <1 (.54) | 85 | <1 | | |
| -C5 | | | <1 (.81) | 82 | 1.0 | | |
| -C6 | | | <1 (.452) | 83 | <1 | | |
| -C7 | | | <1 (0.6) | 85 | <1 | | |
| -C8 | | | 3.1 | 83 | 3.7 | | |
| -C9 | | | 2.3 | 81 | 2.8 | | |
| -C10 | | | 1.1 | 83 | 1.3 | | |
| -C11 | | | 1.0 | 85 | 1.2 | | |
| -C12 | | | 1.3 | 84 | 1.5 | | |
| -C13 | | | 3.4 | 84 | 4.0 | | |
| -C14 | | | | | <1 | concrete | B see page |
| -C15 | | | | | <1 | | |

Comments:

Certification No.:

Units: mg/Kg = ppm

Authorized: _____

Date: _____



PRELIMINARY
4148
NOV 20 1992

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520
 DESCRIPTION G.E., Pittsfield Job No. 101-75-22
Bldg. 64 New Gate Excavation Sampling
 Date Analyzed 11/19 → 11/20/92 DATE COLLECTED See Below DATE RECEIVED 11/19/92

| Lab ID NO. | DATE EXTRACTED | DATE SAMPLED | SCREEN VALUE | PCTS | PCB | COMMENTS | QC RESULTS |
|----------------------------|----------------|--------------|--------------|------|-----------------------|----------|------------|
| 64-GES-C16 | 11/19/92 | 11/19/92 | | | < 1 | concrete | B |
| A) Reagent Blank 111992-1: | | | | | | | |
| Reference Sample 111992-1: | | | | | 3.3/4.5 = 74% | | |
| Matrix Spike 64-GES-C7: | | | | | 3.4/4.5 = 76% | | |
| Matrix Spike Duplicate: | | | | | 3.3/4.5 = 74% | | |
| Precision: | | | | | 3.4 vs 3.3 = 3.0% RPD | | |
| B) Reagent Blank 111992-1: | | | | | | | |
| Reference Sample 111992-1: | | | | | 3.3/4.5 = 74% | | |
| Matrix Spike 36V-EL/F-C8: | | | | | 7.5/10 = 75% | | |
| Matrix Spike Duplicate: | | | | | 7.4/10 = 74% | | |
| Precision: | | | | | 7.5 vs 7.4 = 1.3% RPD | | |

Comments:

Certification No.:

Units: mg/kg = ppm

Authorized: _____

Date: _____



PRELIMINARY

DEC 3 1992

Laboratory Report

CLIENT BLASLAND AND BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517

DESCRIPTION BLDG 64-NEW GATE EXCAVATION SAMPLING - PITTSFIELD, MA
PROJECT# 101.75.22 MATRIX: SOLID

ANALYZED 12/1/92-12/2/92 DATE COLLECTED 11/23/92 DATE RECEIVED 11/24/92

| DESCRIPTION | SAMPLE# | PCB | APROCLOR | PCTS |
|-------------|---------|------|----------|------|
| 64-GES-C19 | Q10121 | 20.5 | — | 95. |
| -C20 | Q10122 | 2.7 | 1260 | 92. |
| -C21 | Q10123 | 2.1 | ↓ | 91. |
| -C22 | Q10124 | 0.7 | ↓ | 94. |
| -C23 | Q10125 | 20.5 | — | 94. |

Comments:

Certification No.: NY034

Units: mg/kg (dry wt) (ppm)

Authorized: _____

Date: _____



SECTION LEADER: _____

LEVEL OF REPORT: _____

DATE SCHEDULED: _____

PRELIMINARY Laboratory Report

JAN 11 1992

BIN #: _____

CLIENT Blueband + Bouck Engineers, PC JOB NO. 2887 Date: 5/17

DESCRIPTION Pittsfield, Ma

Project # 101-75-22 MATRIX: Water + Soil

date analyzed 11-30-92 DATE COLLECTED 11-23-92 DATE RECEIVED 11-24-92
12-3-92

Description

Sample #

Units

1,2,4-Trichlorobenzene

Pcts

Accessories
OK
Trip
Blank

Q10126
Q10127
ug/lbs
ug/l
5%
11

94.

** Elevated detection
matrix interferences suspected
contaminations
limit due to
petroleum.*

Copy Check: TAM / AC / DRB / MS / ARM
Comments:

*Due to the presence of a pattern
close to 1,2,4-Trichlorobenzene,
confirmation is recommended.*

Certification No.: 105514034
Units: ug/lbs dry wt
above

Authorized: _____

Date: _____



JAN 11 1992

CLIENT Blasland & Buck Engineers PC

JOB NO. 2887.026.517

DESCRIPTION PITTSFIELD, MA

BoB # 101.75.22

DATE COLLECTED 11/23/92

DATE RECEIVED 11/24/92

DATE ANALYZED See Page 2

~~MATRIX~~

| DESCRIPTION: | GC-ES-C24 | QC Trip | | | |
|----------------------------|----------------|-----------------|--|--|--|
| SAMPLE NO.: | Q10216 SOIL | Q10217 WATER | | | |
| Chloromethane | <1000 | 410 | | | |
| Bromomethane | ↓ | ↓ | | | |
| Vinyl chloride | ↓ | ↓ | | | |
| Chloroethane | ↓ | ↓ | | | |
| Methylene chloride | <3300 | 45 | | | |
| Acetone | <10000 | 410 | | | |
| Carbon disulfide | <3300 | 35 | | | |
| 1,1-Dichloroethene | ↓ | ↓ | | | |
| 1,1-Dichloroethane | ↓ | ↓ | | | |
| 1,2-Dichloroethene (total) | ↓ | ↓ | | | |
| Chloroform | ↓ | ↓ | | | |
| 1,2-Dichloroethane | ↓ | ↓ | | | |
| 2-Butanone | <10000 | 410 | | | |
| 1,1,1-Trichloroethane | <3300 | 45 | | | |
| Carbon tetrachloride | <3300 | 35 | | | |
| Vinyl acetate | <10000 | 410 | | | |
| Bromodichloromethane | <3300 | 45 | | | |
| 1,2-Dichloropropane | ↓ | ↓ | | | |
| cis-1,3-Dichloropropane | ↓ | ↓ | | | |
| Trichloroethene | ↓ | ↓ | | | |
| Dibromochloromethane | ↓ | ↓ | | | |
| 1,1,2-Trichloroethane | ↓ | ↓ | | | |
| Benzene | ↓ | ↓ | | | |

Authorized: _____

Date: _____



LABORATORIES, INC.

JAN 11 1992

Volatile Organics Method 8240

CLIENT Biazland & Buck ENGINEERS, PC.

JOB NO. 2857.026.517

DESCRIPTION WITSELO, MA

DATE COLLECTED 11/23/92

DATE RECEIVED 11/24/92

DATE ANALYZED See below

DESCRIPTION:

SAMPLE NO.:

WY-GES-OC Trip
C24 xx BANK

W1026 W1027
SOL WASTE

trans-1,3-Dichloropropene

< 3300 LS

Bromoform

< 3300 LS

4-Methyl-2-pentanone

< 1600 L10

2-Hexanone

< 10600 L10

Tetrachloroethene

< 3300 LS

1,1,2,2-Tetrachloroethane

Toluene

Chlorobenzene

Ethylbenzene

Styrene

Xylene (total)

Data Analyzed:

12/6/92

12/3/92

Elevated quantitation limits due to matrix complexity or interferences.

Values flagged with an "B" indicate the analyte was detected in the laboratory blank. The blank exhibited (units) of methylene chloride and (units) of acetone.

Values in parentheses are estimated values, detected, but below the quantitation limit.

Values flagged with an "E" are estimated values.

OBG Laboratories, Inc., an O'Brien & Gere Limited Company
5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Methodology: EPA Target Compound List By 8240, SW-845
November 1985, 3rd Edition

Certification No.: 10155

Units: ug/kg dry weight (ppb)

* ug/L (ppb)

Page 2 of 2

Authorized: _____

Date: _____

PACKAGE / SAMPLE SCHEDULE

Tue, Nov 24, 1992
Project Manager: A C
Page 3 of 3

[Handwritten signatures and notes]

CREQUIRED SAMPLES

Client: Blast and Souck Engineers, P.C.
Job No.: 2887.26.517 Description: PITTSFIELD, MA PROJECT#101.75.22
Scheduled: 24-NOV-92 Due: 8-DEC-92
Package number: 3480 QC Level: 1
Samples: 0010128 - 010128 Number of samples: 1
Certification: NY034
Comments: BLDG. 64 - NEW GATE EXCAVATION, GOES WITH PACKAGE 3479

| Samples | Number | Group | Parameter | ID | Method | Matrix | Comments |
|---------|--------|-------|-----------|----|--------|--------|----------|
|---------|--------|-------|-----------|----|--------|--------|----------|

| | | | | | | | |
|------------------|---|------------------|--|--|--|--|--|
| 0010128 - 010128 | 1 | TCLP-MET-MS(MET) | | | | | |
| 0010128 - 010128 | 1 | TCLP-SV(TC) | | | | | |
| 0010128 - 010128 | 1 | TCLP-V-GCMS(TC) | | | | | |

TCLP Metals:
As
Ba
Cd
Cr
Pb
Hg
Mn
Ag

| Sample | Description | Bin | Type | Collected | Received | Due | Comments |
|-------------------------|-------------|-----------|-----------|-----------------|----------|------|----------|
| 0010128 64-GES-C24-TCLP | 107 Grab | 23-NOV-92 | Collected | 24-NOV-92 09:00 | 8-DEC-92 | <0.5 | |
| | | | | | | <10. | |
| | | | | | | <0.1 | |
| | | | | | | <0.5 | |
| | | | | | | <0.5 | |
| | | | | | | <0.5 | |
| | | | | | | <0.1 | |
| | | | | | | <0.5 | |
| | | | | | | <0.5 | |

LIST OF ALL SAMPLES FR PACKAGES

PRELIMINARY
JAN 1 1992

Units: mg/L (ppm)



PRELIMINARY

JAN 11 1992

Laboratory Report

CLIENT: Burke and Buck Engineers, P.C. JOB NO. 2887-026-517
 DESCRIPTION: Pittsfield, MA Reg # 101.75.22
 Toxicity Characteristic Leaching Procedure MATRIX: TCLP
 DATE COLLECTED 11-23-92 DATE RECEIVED 11-24-92

Description

GI-GES-
C24-TCLP

Sample #

Q10128

TCLP Semivolatile Organics:

o-CRESOL

< 0.1

m-CRESOL

p-CRESOL

CRESOL, TOTAL

1,4-DICHLOROBENZENE

2,4-DINITROTOLUENE

HEXACHLOROBENZENE

HEXACHLOROBUTADIENE

HEXACHLOROETHANE

NITROBENZENE

PENTACHLOROPHENOL

< 0.5

PYRIDINE

< 1.0

2,4,5-TRICHLOROPHENOL

< 0.5

2,4,6-TRICHLOROPHENOL

< 0.1

Analytical Record:

Date Leachate Created

12-3-92

Date Extracted

12-10-92

Date Analyzed

12-24-92

Comments:

Certification No.:

~~1005~~ NY034

Units:

mg/l (ppm)

Authorized: _____

Date: _____



PRELIMINARY

JAN 11 1992

Laboratory Report

CLIENT BIASTAW & BOND BUSINESS P.C.

JOB NO. 2887.026.517

DESCRIPTION PITTSFIELD, MA

101.25.27

Toxicity Characteristic Leaching Procedure

DATE COLLECTED 11/23/92

DATE RECEIVED 11/24/92

Description

Sample #

W/GES
CAL-
TCLP
01028

TCLP Volatile Organics:

BENZENE

0.01

CARBON TETRACHLORIDE

CHLOROBENZENE

CHLOROFORM

1,1-DICHLOROETHANE

1,1-DICHLOROETHYLENE

METHYL ETHYL KETONE

10.02

TETRACHLOROETHYLENE

0.01

TRICHLOROETHYLENE

0.01

VINYL CHLORIDE

10.02

Analytical Record

Date Leachate Created 12/3/92

Date Analyzed 12/16/92

Comments:

Certification No. NY034

Units: ug/l (ppm)

Authorized: _____

Date: _____

GENERAL ELECTRIC
ENVIRONMENTAL LABORATORY
Test Report

Title: TCLP Analysis of Soil from the Building 64 Number: EL-92-079
new gate excavation Date: December 9, 1992
Test by: Alpha Analytical Requested by: A Cole
Report by: WA Fessler Approved: WAJMK
12-9-92

Two samples of soil from the excavation for the building 64 gate were sent to Alpha Analytical Laboratories for determination of toxicity characteristics by the Toxicity Characteristic Leaching Procedure (TCLP, 40CFR268, Appendix I). The results are summarized in the attached tables.

The samples did not show the characteristic of toxicity.

A copy of the report from Alpha is attached.

DISTRIBUTION: Manager, Environmental Laboratory C23
A Cole 11-205

| Sample ID | Result | Regulatory Limit | |
|-----------------------|---------|------------------|----|
| 64-GES-C17 | mg/L | mg/L | |
| Arsenic | < 1 | 5.000 | OK |
| Barium | .5 | 100.000 | OK |
| Cadmium | < .1 | 1.000 | OK |
| Chromium | < .2 | 5.000 | OK |
| Lead | < .5 | 5.000 | OK |
| Mercury | < .005 | .200 | OK |
| Selenium | < .05 | 1.000 | OK |
| Silver | < .1 | 5.000 | OK |
| <hr/> | | | |
| o-Cresol | < | 200.000 | OK |
| m-Cresol | < | 200.000 | OK |
| p-Cresol | < | 200.000 | OK |
| Cresols | < .029 | 200.000 | OK |
| 2,4-Dinitrotoluene | < .015 | .130 | OK |
| Hexachlorobenzene | < .011 | .130 | OK |
| Hexachlorobutadiene | < .032 | .500 | OK |
| Hexachloroethane | < .02 | 3.000 | OK |
| Nitrobenzene | < .0076 | 2.000 | OK |
| Pentachlorophenol | < .0368 | 100.000 | OK |
| 2,4,5-Trichlorophenol | < .019 | 400.000 | OK |
| 2,4,6-Trichlorophenol | < .011 | 2.000 | OK |
| Pyridine | < .1 | 5.000 | OK |
| <hr/> | | | |
| Benzene | < .005 | .500 | OK |
| Carbon Tetrachloride | < .005 | .500 | OK |
| Chlorobenzene | < .018 | 100.000 | OK |
| Chloroform | < .0075 | 6.000 | OK |
| 1,4-Dichlorobenzene | < .05 | 7.500 | OK |
| 1,2-Dichloroethane | < .0075 | .500 | OK |
| 1,1-Dichloroethylene | < .0075 | .700 | OK |
| Tetrachloroethylene | < .0075 | .700 | OK |
| Trichloroethylene | < .005 | .500 | OK |
| Vinyl Chloride | < .018 | .200 | OK |
| Methyl Ethyl Ketone | < .05 | 200.000 | OK |

| Sample ID | Result | Regulatory Limit | |
|-----------------------|---------|------------------|----|
| 64-GES-C18 | mg/L | mg/L | |
| Arsenic | < 1 | 5.000 | OK |
| Barium | < .5 | 100.000 | OK |
| Cadmium | < .1 | 1.000 | OK |
| Chromium | < .2 | 5.000 | OK |
| Lead | < .5 | 5.000 | OK |
| Mercury | < .005 | .200 | OK |
| Selenium | < .05 | 1.000 | OK |
| Silver | < .1 | 5.000 | OK |
| <hr/> | | | |
| o-Cresol | < | 200.000 | OK |
| m-Cresol | < | 200.000 | OK |
| p-Cresol | < | 200.000 | OK |
| Cresols | < .029 | 200.000 | OK |
| 2,4-Dinitrotoluene | < .015 | .130 | OK |
| Hexachlorobenzene | < .011 | .130 | OK |
| Hexachlorobutadiene | < .032 | .500 | OK |
| Hexachloroethane | < .02 | 3.000 | OK |
| Nitrobenzene | < .0076 | 2.000 | OK |
| Pentachlorophenol | < .0368 | 100.000 | OK |
| 2,4,5-Trichlorophenol | < .019 | 400.000 | OK |
| 2,4,6-Trichlorophenol | < .011 | 2.000 | OK |
| Pyridine | < .1 | 5.000 | OK |
| <hr/> | | | |
| Benzene | < .005 | .500 | OK |
| Carbon Tetrachloride | < .005 | .500 | OK |
| Chlorobenzene | < .018 | 100.000 | OK |
| Chloroform | < .0075 | 6.000 | OK |
| 1,4-Dichlorobenzene | < .05 | 7.500 | OK |
| 1,2-Dichloroethane | < .0075 | .500 | OK |
| 1,1-Dichloroethylene | < .0075 | .700 | OK |
| Tetrachloroethylene | < .0075 | .700 | OK |
| Trichloroethylene | < .005 | .500 | OK |
| Vinyl Chloride | < .018 | .200 | OK |
| Methyl Ethyl Ketone | < .05 | 200.000 | OK |

ALPHA ANALYTICAL LABORATORIES
 CERTIFICATE OF ANALYSIS

MA 086 NH 198958-A CT PH-0574 NY 11148 NC 320 SC 88006

Laboratory Sample Number: 9208441-01 Date Received: 20-NOV-92
 64-GES-C17
 Sample Matrix: SOIL Date Reported: 07-DEC-92
 Condition of Sample: Satisfactory Field Prep: None
 Number & Type of Containers: 1 Glass, 4 Vial

| PARAMETER | RESULT | UNITS | RDL | REF | METHOD | DATES PREP ANALYSIS |
|------------------------|--------|-------|-------|-----|-----------|------------------------|
| Solids, Total | 81 | % | .1 | 3 | 2540B | 28-Nov |
| TCLP Extraction | | | | 1 | 1311 | 23-NOV |
| Arsenic, TCLP | ND | mg/l | 1 | 1 | 6010 | 30-Nov 02-Dec |
| Barium, TCLP | .5 | mg/l | .5 | 1 | 6010 | 30-Nov 02-Dec |
| Cadmium, TCLP | ND | mg/l | .1 | 1 | 6010 | 30-Nov 02-Dec |
| Chromium, TCLP | ND | mg/l | .2 | 1 | 6010 | 30-Nov 02-Dec |
| Lead, TCLP | ND | mg/l | .5 | 1 | 6010 | 30-Nov 02-Dec |
| Mercury, TCLP | ND | mg/l | .005 | 1 | 7470/7471 | 01-Dec 01-Dec |
| Selenium, TCLP | ND | mg/l | .5 | 1 | 6010 | 30-Nov 02-Dec |
| Silver, TCLP | ND | mg/l | .1 | 1 | 6010 | 30-Nov 02-Dec |
| TCLP Volatile Organics | | | | 1 | 8240 | 03-DEC |
| Benzene | ND | mg/l | .005 | | | |
| Carbon tetrachloride | ND | mg/l | .005 | | | |
| Chlorobenzene | ND | mg/l | .018 | | | |
| Chloroform | ND | mg/l | .0075 | | | |
| 1,4-Dichlorobenzene | ND | mg/l | .05 | | | |
| 1,2-Dichloroethane | ND | mg/l | .0075 | | | |
| 1,1-Dichloroethene | ND | mg/l | .0075 | | | |
| Tetrachloroethene | ND | mg/l | .0075 | | | |
| Trichloroethene | ND | mg/l | .005 | | | |
| Vinyl chloride | ND | mg/l | .018 | | | |
| Methyl ethyl ketone | ND | mg/l | .05 | | | |
| SURROGATE RECOVERY | | | | | | |
| 1,2-Dichloroethane-d4 | 104 | % | | | | |
| Toluene-d8 | 102 | % | | | | |
| 4-Bromofluorobenzene | 97 | % | | | | |
| TCLP Extraction | | | | 1 | 1311 | 01-DEC |

Comments: * Complete list of References found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: 9208441-01

| PARAMETER | RESULT | UNITS | RDL | REF METHOD | DATES PREP ANALYSIS |
|-----------------------------|--------|-------|-------|------------|------------------------|
| TCLP Semi-Volatile Organics | | | | 1 8270 | 30-Nov 05-DEC |
| Cresol, Total | ND | mg/l | .029 | | |
| 2,4-Dinitrotoluene | ND | mg/l | .015 | | |
| Hexachlorobenzene | ND | mg/l | .011 | | |
| Hexachloro-1,3-butadiene | ND | mg/l | .032 | | |
| Hexachloroethane | ND | mg/l | .02 | | |
| Nitrobenzene | ND | mg/l | .0076 | | |
| Pentachlorophenol | ND | mg/l | .0368 | | |
| 2,4,5-Trichlorophenol | ND | mg/l | .019 | | |
| 2,4,6-Trichlorophenol | ND | mg/l | .011 | | |
| Pyridine | ND | mg/l | .1 | | |
| SURROGATE RECOVERY | | | | | |
| 2-Fluorophenol | 64 | % | | | |
| Phenol-d6 | 61 | % | | | |
| Nitrobenzene-d5 | 89 | % | | | |
| 2-Fluorobiphenyl | 78 | % | | | |
| 2,4,6-Tribromophenol | 94 | % | | | |
| 4-Terphenyl-d14 | 124 | % | | | |
| TCLP Extraction | | | | 1 1311 | 23-NOV |

Comments: * Complete list of References found in Addendum I

ALPHA ANALYTICAL LABORATORIES
CERTIFICATE OF ANALYSIS

Laboratory Sample Number: 9208441-02

| PARAMETER | RESULT | UNITS | RDL | REF METHOD | DATES PREP ANALYSIS |
|-----------------------------|--------|-------|-------|------------|------------------------|
| TCLP Semi-Volatile Organics | | | 1 | 8270 | 30-Nov 05-DEC |
| Cresol, Total | ND | mg/l | .029 | | |
| 2,4-Dinitrotoluene | ND | mg/l | .015 | | |
| Hexachlorobenzene | ND | mg/l | .011 | | |
| Hexachloro-1,3-butadiene | ND | mg/l | .032 | | |
| Hexachloroethane | ND | mg/l | .02 | | |
| Nitrobenzene | ND | mg/l | .0076 | | |
| Pentachlorophenol | ND | mg/l | .0368 | | |
| 2,4,5-Trichlorophenol | ND | mg/l | .019 | | |
| 2,4,6-Trichlorophenol | ND | mg/l | .011 | | |
| Pyridine | ND | mg/l | .1 | | |
| SURROGATE RECOVERY | | | | | |
| 2-Fluorophenol | 53 | % | | | |
| Phenol-d6 | 50 | % | | | |
| Nitrobenzene-d5 | 96 | % | | | |
| 2-Fluorobiphenyl | 94 | % | | | |
| 2,4,6-Tribromophenol | 85 | % | | | |
| 4-Terphenyl-d14 | 122 | % | | | |
| TCLP Extraction | | | 1 | 1311 | 23-NOV |

Comments: * Complete list of References found in Addendum I

ALPHA ANALYTICAL LABORATORIES
 QUALITY ASSURANCE SPIKE ANALYSES

Laboratory Job Number: 9208441

| Parameter | % Recovery |
|--|------------|
| TCLP Extraction SPIKE for sample(s) 01 | |
| Arsenic, TCLP | 103 |
| Barium, TCLP | 98 |
| Cadmium, TCLP | 93 |
| Chromium, TCLP | 99 |
| Lead, TCLP | 93 |
| Selenium, TCLP | 100 |
| Silver, TCLP | 86 |
| TCLP Extraction SPIKE for sample(s) 02 | |
| Arsenic, TCLP | 100 |
| Barium, TCLP | 99 |
| Cadmium, TCLP | 94 |
| Chromium, TCLP | 102 |
| Lead, TCLP | 98 |
| Selenium, TCLP | 102 |
| Silver, TCLP | 82 |
| TCLP Extraction SPIKE for sample(s) 01 | |
| Mercury, TCLP | 105 |
| TCLP Extraction SPIKE for sample(s) 02 | |
| Mercury, TCLP | 125 |
| TCLP Volatile Organics SPIKE for sample(s) 01-02 | |
| Benzene | 96 |
| Carbon tetrachloride | 96 |
| Chlorobenzene | 99 |
| Chloroform | 95 |
| 1,4-Dichlorobenzene | 91 |
| 1,2-Dichloroethane | 98 |
| 1,1-Dichloroethene | 90 |
| Tetrachloroethene | 96 |
| Trichloroethene | 94 |
| Vinyl chloride | 98 |
| Methyl ethyl ketone | 99 |
| SURROGATE RECOVERY | |
| 1,2-Dichloroethane-d4 | 104 |
| Toluene-d8 | 101 |
| 4-Bromofluorobenzene | 102 |
| TCLP Extraction Date | |

ALPHA ANALYTICAL LABS
ADDENDUM I
REFERENCES

1. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. 1986.
3. Standard Methods for Examination of Water and Waste Water. APHA-AWWA-WPCF. 17th Edition. 1989.

ATTACHMENT 2

HNU CALIBRATION

BLDG 64 - NEW GATE EXCAVATION SAMPLING
(101.75.22)

DATE: 11-19-92
OPERATOR: B COBB

HNU SERIAL NO: A-10129
eV OF PROBE: 10.2

CALIBRATION GAS: 9.8 span setting @ 57.0 ppm

INITIAL READING: 9.8 span setting @ 54.0 ppm

ADJUSTED SETTING: 9.31 span setting @ 57.0 ppm

NOTES:

1st (10) SAMPLES

HNU CALIBRATION

BLOG 64 - NEW GATE EXCAVATION SAMPLING
(101.75.22)

DATE: 11-19-92
OPERATOR: B COBB

HNU SERIAL NO: A-10129
eV OF PROBE: 10.2

CALIBRATION GAS: 9.8 span setting @ 57.0 ppm

INITIAL READING: 9.8 span setting @ 53.0
~~57.0~~ ppm

ADJUSTED SETTING: 9.12 span setting @ 57.0 ppm

NOTES:

2ND (3) SAMPLES

HNU CALIBRATION

Bldg-64 NEW BATE EXCAVATION SAMPLING
101.75.22

DATE: 11-23-92
OPERATOR: JIM HASSETT

HNU SERIAL NO: A70129
eV OF PROBE: 10, 2

CALIBRATION GAS: 9.8 span setting @ 57 ppm

INITIAL READING: 9.8 span setting @ 50 ppm

ADJUSTED SETTING: 8.5 span setting @ 57 ppm

NOTES:

ATTACHMENT 3



BLASLAND & BOUCK ENGINEERS, P.C.
 6723 Tow Path Road, Box 66, Syracuse, New York 13214
 (315) 446-9120

CHAIN OF CUSTODY RECORD

| PROJECT NO. | PROJECT NAME | CUSTODY TAPE NUMBER | DATE | TIME | COMP. | GRAB | SAMPLE TYPE | | | NO. OF CONTAINERS | REMARKS |
|---|---------------------|---------------------|---------|------|-------|------|-------------|------|-------|-------------------|---------|
| | | | | | | | SOIL | ROCK | WATER | | |
| 101-75-22 | Excavation Sampling | | 11/9/92 | 1100 | | X | | | 1 | | |
| | | | | 1110 | | X | X | | 1 | | |
| | | | | 1120 | | X | X | | 1 | | |
| | | | | 1130 | | X | X | | 1 | | |
| | | | | 1140 | | X | X | | 1 | | |
| | | | | 1150 | | X | X | | 1 | | |
| | | | | 1200 | | X | X | | 1 | | |
| | | | | 1210 | | X | X | | 1 | | |
| | | | | 1220 | | X | X | | 1 | | |
| | | | | 1230 | | X | X | | 1 | | |
| | | | | 1240 | | X | X | | 1 | | |
| | | | | 1250 | | X | X | | 1 | | |
| | | | | 1300 | | X | X | | 1 | | |
| | | | | 1310 | | X | X | | 1 | | |
| | | | | 1320 | | X | X | | 1 | | |
| 64-GES-C15 | | | 11/9/92 | 1320 | | X | X | | 1 | | |
| 64-GES-C14 | | | | 1310 | | X | X | | 1 | | |
| 64-GES-C13 | | | | 1300 | | X | X | | 1 | | |
| 64-GES-C12 | | | | 1250 | | X | X | | 1 | | |
| 64-GES-C11 | | | | 1240 | | X | X | | 1 | | |
| 64-GES-C10 | | | | 1230 | | X | X | | 1 | | |
| 64-GES-C9 | | | | 1220 | | X | X | | 1 | | |
| 64-GES-C8 | | | | 1210 | | X | X | | 1 | | |
| 64-GES-C7 | | | | 1200 | | X | X | | 1 | | |
| 64-GES-C6 | | | | 1150 | | X | X | | 1 | | |
| 64-GES-C5 | | | | 1140 | | X | X | | 1 | | |
| 64-GES-C4 | | | | 1130 | | X | X | | 1 | | |
| 64-GES-C3 | | | | 1120 | | X | X | | 1 | | |
| 64-GES-C2 | | | | 1110 | | X | X | | 1 | | |
| 64-GES-C1 | | | 11/9/92 | 1100 | | X | X | | 1 | | |
| RECEIVED BY: (SIGNATURE) <i>James G. G. [Signature]</i> DATE/TIME 11/9/92 1100 TO 1320 RECEIVED BY: (SIGNATURE) _____ DATE/TIME _____ RELINQUISHED BY: (SIGNATURE) _____ DATE/TIME _____ RECEIVED BY: (SIGNATURE) _____ DATE/TIME _____ RELINQUISHED BY: (SIGNATURE) _____ DATE/TIME _____ RECEIVED BY: (SIGNATURE) _____ DATE/TIME _____ RELINQUISHED BY: (SIGNATURE) _____ DATE/TIME _____ RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>James G. G. [Signature]</i> DATE/TIME 11/9/92 1340 REMARKS TO OBG P.111 | | | | | | | | | | | |



BLASLAND & BOUCK ENGINEERS, P.C.
 6723 Tow Path Road, Box 66, Syracuse, New York 13214
 (315) 446-9120

CHAIN OF CUSTODY RECORD

PLEASE SEND LAB REPORT TO:
 BRUCE EULIAN
 BLASLAND & BOUCK ENGINEERS
 C/O GE POWER TRANSFORMER DEPT.
 MAILCODE D-32
 100 WOODLAWN AVE.
 PITTSFIELD, MA 01201
 CC: ROBERT RHODES
 BLASLAND & BOUCK ENGINEERS
 6723 TOWPATH RD.
 SYRACUSE, NY 13214

| PROJECT NO. | PROJECT NAME | LAB ID | CUSTODY TAPE NUMBER | DATE | TIME | COMP. | GRAB | SAMPLE TYPE | | | NO. OF CONTAINERS | REMARKS |
|-------------|-------------------------------------|------------|---------------------|----------|------|-------|------|--------------|-----|-------|-------------------|---------------------|
| | | | | | | | | SOLID (SOIL) | WPE | WATER | | |
| 101.75.22 | BUG 64-NEED GATE EXCAVATION SAMPLES | 64-GES-C19 | | 11/23/92 | 1400 | | X | X | | | 1 | |
| | | 64-GES-C20 | | 11/23/92 | 1415 | | X | X | | | 1 | * Abnormal TOXICITY |
| | | 64-GES-C21 | | 11/23/92 | 1430 | | X | X | | | 1 | |
| | | 64-GES-C22 | | 11/23/92 | 1445 | | X | X | | | 1 | |
| | | 64-GES-C23 | | 11/23/92 | 1500 | | X | X | | | 1 | |
| | | 64-GES-C24 | | 11/23/92 | 1530 | | X | X | | | 2 | |
| | | TRIP BLANK | | 11/23/92 | | | X | X | | | 1 | |

LABS METHOD 8080
 VOT5 METHOD 8240
 129-721 -
 ANALYSIS REAGENTS
 TCEP (NO
 HERACIDOL 8120
 PESTICIDES)

SENT TO OBG SYRACUSE
 FED EX # 4821950895

APPENDIX J, SECTION C-44

PCB SAMPLING RESULTS 8080

| LAB ID | TOTAL PCB PPM | SAMPLE MATERIAL | SAMPLE LOCATION | SAMPLE TYPE | SAMPLE DEPTH | SAMPLE DATE | FIGURE |
|---------------|--------------------|-----------------|-----------------|---------------|-----------------|----------------|--------|
| EAST ST-PL-C1 | see 086 Lab Report | SOIL | 1 | DISCRETE-GRAB | 0'-2' | 08-08-90 | 1 |
| EAST ST-PL-C2 | see 086 Lab Report | SOIL | 2 | DISCRETE-GRAB | 0'-2' | 08-08-90 | 1 |
| EAST ST-PL-C3 | see 086 Lab Report | SOIL | 3 | DISCRETE-GRAB | 0'-2' | 08-08-90 | 1 |
| EAST ST-PL-C4 | see 086 Lab Report | SOIL | 4 | DISCRETE-GRAB | 0'-2' | 08-22-90 | 2 |
| EAST ST-PL-C5 | see 086 Lab Report | SOIL | 5 | DISCRETE-GRAB | 0'-2' | 08-22-90 | 2 |
| EAST ST-PL-C6 | see 086 Lab Report | SOIL | 6 | DISCRETE-GRAB | 0'-2' | 08-22-90 | 2 |

TOTAL CYANIDE SAMPLING RESULTS METHOD 9010

| LAB ID | TOTAL PCB PPM | SAMPLE MATERIAL | SAMPLE LOCATION | SAMPLE TYPE | SAMPLE DEPTH | SAMPLE DATE | FIGURE |
|---------------|--------------------|-----------------|-----------------|---------------|-----------------|----------------|--------|
| EAST ST-PL-C1 | see 086 Lab Report | SOIL | 1 | DISCRETE-GRAB | 0'-2' | 08-08-90 | 1 |
| EAST ST-PL-C2 | see 086 Lab Report | SOIL | 2 | DISCRETE-GRAB | 0'-2' | 08-08-90 | 1 |
| EAST ST-PL-C3 | see 086 Lab Report | SOIL | 3 | DISCRETE-GRAB | 0'-2' | 08-08-90 | 1 |
| EAST ST-PL-C4 | see 086 Lab Report | SOIL | 4 | DISCRETE-GRAB | 0'-2' | 08-22-90 | 2 |
| EAST ST-PL-C5 | see 086 Lab Report | SOIL | 5 | DISCRETE-GRAB | 0'-2' | 08-22-90 | 2 |
| EAST ST-PL-C6 | see 086 Lab Report | SOIL | 6 | DISCRETE-GRAB | 0'-2' | 08-22-90 | 2 |

METALS SAMPLING RESULTS METHOD EPTOX

| LAB ID | TOTAL PCB PPM | SAMPLE MATERIAL | SAMPLE LOCATION | SAMPLE TYPE | SAMPLE DEPTH | SAMPLE DATE | FIGURE |
|---------------|--------------------|-----------------|-----------------|---------------|-----------------|----------------|--------|
| EAST ST-PL-C1 | see OBG Lab Report | SOIL | 1 | DISCRETE-GRAB | 0'-2' | 08-08-90 | 1 |
| EAST ST-PL-C2 | see OBG Lab Report | SOIL | 2 | DISCRETE-GRAB | 0'-2' | 08-08-90 | 1 |
| EAST ST-PL-C3 | see OBG Lab Report | SOIL | 3 | DISCRETE-GRAB | 0'-2' | 08-08-90 | 1 |
| EAST ST-PL-C4 | see OBG Lab Report | SOIL | 4 | DISCRETE-GRAB | 0'-2' | 08-22-90 | 2 |
| EAST ST-PL-C5 | see OBG Lab Report | SOIL | 5 | DISCRETE-GRAB | 0'-2' | 08-22-90 | 2 |
| EAST ST-PL-C6 | see OBG Lab Report | SOIL | 6 | DISCRETE-GRAB | 0'-2' | 08-22-90 | 2 |

PCB SAMLING RESULTS METHOD 8080

| LAB ID | TOTAL PCB PPM | SAMPLE MATERIAL | SAMPLE LOCATION | SAMPLE TYPE | SAMPLE DEPTH | SAMPLE DATE | FIGURE |
|----------------|--------------------|-----------------|-----------------|---------------|-----------------|----------------|--------|
| EAST ST-PL-C4A | see OBG Lab Report | ASPHALT | 4 | DISCRETE-GRAB | 0"-4" | 08-22-90 | 2 |
| EAST ST-PL-C5A | see OBG Lab Report | ASPHALT | 5 | DISCRETE-GRAB | 0"-4" | 08-22-90 | 2 |
| EAST ST-PL-C6A | see OBG Lab Report | ASPHALT | 6 | DISCRETE-GRAB | 0"-4" | 08-22-90 | 2 |



PRELIMINARY

Semivolatile Organics Method 8270

CLIENT Blasland and Bouck Engineers

JOB NO. 2887.026.517

DESCRIPTION East St. Parking Lot Excavation

PL-C4

SAMPLE NO. K8088

DATE COLLECTED 8-22-90

DATE RECEIVED 8-23-90

DATE EXTRACTED 8-24-90

DATE ANALYZED 8-28-90

Phenol

Bis (2-chloroethyl) ether

2-Chlorophenol

1,3-Dichlorobenzene

1,4-Dichlorobenzene

Benzyl alcohol

1,2-Dichlorobenzene

2-Methylphenol

Bis (2-chloroisopropyl) ether

4-Methylphenol

N-Nitroso-di-n-propylamine

Hexachloroethane

Nitrobenzene

Isophorone

2-Nitrophenol

2,4-Dimethylphenol

Benzoic acid

Bis (2-chloroethoxy) methane

2,4-Dichlorophenol

1,2,4-Trichlorobenzene

Naphthalene

4-Chloroaniline

Hexachlorobutadiene

<390

<1900

<390

4-Chloro-3-methylphenol

2-Methylnaphthalene

Hexachlorocyclopentadiene

2,4,6-Trichlorophenol

2,4,5-Trichlorophenol

2-Chloronaphthalene

2-Nitroaniline

Dimethylphthalate

Acenaphthylene

2,6-Dinitrotoluene

3-Nitroaniline

Acenaphthene

2,4-Dinitrophenol

4-Nitrophenol

Dibenzofuran

2,4-Dinitrotoluene

Diethylphthalate

4-Chlorophenyl-phenylether

Fluorene

4-Nitroaniline

4,6-Dinitro-2-methylphenol

N-Nitrosodiphenylamine

4-Bromophenyl-phenylether

<390

<1900

<390

<1900

<390

<390

<390

<390

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<390

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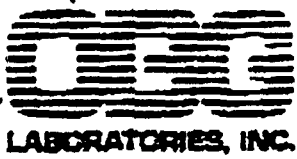
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CLIENT Biasland & Bouck Engineers, P.C. JOB NO. 2887.026.517
 DESCRIPTION East St. Pauling Lot Excavation Soils

DATE COLLECTED 8-22-90 DATE RECEIVED 8-23-90 DATE ANALYZED 8-27-90

| DESCRIPTION: | PL-C4 | PL-C5 | PL-C6 | | | |
|--------------------------|-------|-------|-------|--|--|--|
| SAMPLE NO.: | K8088 | K8089 | K8090 | | | |
| Chloromethane | <12 | <12 | <11 | | | |
| Bromomethane | ↓ | ↓ | ↓ | | | |
| Vinyl chloride | | | | | | |
| Chloroethane | ↓ | ↓ | ↓ | | | |
| Methylene chloride | <6 | <6 | <6 | | | |
| Acetone | <12 | <12 | <11 | | | |
| Carbon disulfide | <6 | <6 | <6 | | | |
| 1,1-Dichloroethene | ↓ | ↓ | ↓ | | | |
| 1,1,1-Trichloroethane | | | | | | |
| 2-Dichloroethene (total) | ↓ | ↓ | ↓ | | | |
| Chloroform | | | | | | |
| 1,2-Dichloroethane | ↓ | ↓ | ↓ | | | |
| 2-Butanone | <12 | <12 | <11 | | | |
| 1,1,1-Trichloroethane | <6 | <6 | <6 | | | |
| Carbon tetrachloride | <6 | <6 | <6 | | | |
| Vinyl acetate | <12 | <12 | <11 | | | |
| Bromodichloromethane | <6 | <6 | <6 | | | |
| 1,2-Dichloropropane | ↓ | ↓ | ↓ | | | |
| cis-1,3-Dichloropropene | | | | | | |
| Trichloroethene | ↓ | ↓ | ↓ | | | |
| Dibromochloromethane | | | | | | |
| 1,1,2-Trichloroethane | ↓ | ↓ | ↓ | | | |
| Benzene | ↓ | ↓ | ↓ | | | |



PRELIMINARY

CLIENT Blasland & Buck Engineers, P.C. JOB NO. 2887. 026.517
 DESCRIPTION East St. Parking Lot Excavation Soils

DATE COLLECTED 8-22-90 DATE RECEIVED 8-23-90 DATE ANALYZED 8-27-90

| DESCRIPTION: | P-C4 | P-C5 | P-C6 | | |
|--------------------------------------|-------|-------|-------|--|--|
| SAMPLE NO.: | KP058 | KP059 | K5090 | | |
| trans-1,3-Dichloropropene | <6 | <6 | <6 | | |
| Bromoform | <6 | <6 | <6 | | |
| 4-Methyl-2-pentanone | <12 | <12 | <11 | | |
| 2-Hexanone | <12 | <12 | <11 | | |
| Tetrachloroethene | <6 | <6 | <6 | | |
| 1,1,2,2-Tetrachloroethane | ↓ | ↓ | ↓ | | |
| Toluene | | | | | |
| Chlorobenzene | | | | | |
| Ethylbenzene | | | | | |
| Styrene | | | | | |
| Xylene (total) | ↓ | ↓ | ↓ | | |

Comments:

Methodology: EPA Target Compound List By 8240, SW-846
November 1988, 3rd Edition

Certification No.: 10155

Units: ug/kg dry weight

Authorized: _____

Date: _____

DELIVERED TO GRANT
BOWMAN (GE)
10-15-90

BLASLAND AND BOUCK ENGINEERS P.C.

To: Files
From: Bruce Eulian
Re: Excavation for Parking Lot Sampling (East St. Area 2)

Date: 09/20/90
File No: 101-93-11
cc: Grant Bowman (GE)
JACKIE DESAINTIS (GE)

The following is a summary of the sample results for the PCB sampling program conducted East St. Pittsfield, Mass. A drawing showing the sample location is attached (see figure 1,2). An analytical Report provided by OBG Laboratories has also been included.

SEMI-VOLATILES SAMPLING RESULTS METHOD 8270

| LAB ID | TOTAL PCB PPM | SAMPLE MATERIAL | SAMPLE LOCATION | SAMPLE TYPE | SAMPLE DEPTH | SAMPLE DATE | FIGURE |
|---------------|--------------------|-----------------|-----------------|---------------|--------------|-------------|--------|
| EAST ST-PL-C1 | see OBG Lab Report | SOIL | 1 | DISCRETE-GRAB | 0'-2' | 08-08-90 | 1 |
| EAST ST-PL-C2 | see OBG Lab Report | SOIL | 2 | DISCRETE-GRAB | 0'-2' | 08-08-90 | 1 |
| EAST ST-PL-C3 | see OBG Lab Report | SOIL | 3 | DISCRETE-GRAB | 0'-2' | 08-08-90 | 1 |
| EAST ST-PL-C4 | see OBG Lab Report | SOIL | 4 | DISCRETE-GRAB | 0'-2' | 08-22-90 | 2 |
| EAST ST-PL-C5 | see OBG Lab Report | SOIL | 5 | DISCRETE-GRAB | 0'-2' | 08-22-90 | 2 |
| EAST ST-PL-C6 | see OBG Lab Report | SOIL | 6 | DISCRETE-GRAB | 0'-2' | 08-22-90 | 2 |

VC SAMPLING RESULTS METHOD 8240

| LAB ID | TOTAL PCB PPM | SAMPLE MATERIAL | SAMPLE LOCATION | SAMPLE TYPE | SAMPLE DEPTH | SAMPLE DATE | FIGURE |
|---------------|--------------------|-----------------|-----------------|---------------|--------------|-------------|--------|
| EAST ST-PL-C1 | see OBG Lab Report | SOIL | 1 | DISCRETE-GRAB | 0'-2' | 08-08-90 | 1 |
| EAST ST-PL-C2 | see OBG Lab Report | SOIL | 2 | DISCRETE-GRAB | 0'-2' | 08-08-90 | 1 |
| EAST ST-PL-C3 | see OBG Lab Report | SOIL | 3 | DISCRETE-GRAB | 0'-2' | 08-08-90 | 1 |
| EAST ST-PL-C4 | see OBG Lab Report | SOIL | 4 | DISCRETE-GRAB | 0'-2' | 08-22-90 | 2 |
| EAST ST-PL-C5 | see OBG Lab Report | SOIL | 5 | DISCRETE-GRAB | 0'-2' | 08-22-90 | 2 |
| EAST ST-PL-C6 | see OBG Lab Report | SOIL | 6 | DISCRETE-GRAB | 0'-2' | 08-22-90 | 2 |



PRELIMINARY

Laboratory Report

5109

BIN #: 18

CLIENT: Blasland + Bouck Engineers

JOB NO. 2887.026.517

DESCRIPTION: East St. Parking Lot Excavation

MATRIX: Soils

DATE COLLECTED 8-22-90

DATE RECEIVED 8-23-90

Description:

Sample No.

PL-C4 | PL-C5 | PL-C6

K8088 | K8089 | K8090

PCBS-8080

VOA'S-8240

BNA'S-8270

EPTOX METALS:

As

Ba

Cd

Cr

Pb

Hg

Se

Ag

Total CW - 9010

<0.6 | <0.6 | <0.6

PC TS

85. | 84. | 87.

Comments:

Certification No.:

Units: mg/kg DRY WT

Authorized:

Date:



LABORATORIES, INC.

PRELIMINARY

Laboratory Report

BY NT BLASLAND & BOUCK ENGINEERS JOB NO. 2887.026.517
DESCRIPTION EAST ST. PARKING LOT EXCAVATION - SOILS

Date analyzed: 8/23/90 DATE COLLECTED 8/22/90 DATE RECEIVED 8/23/90

Description

sample #

PCB

Arsoxy

PCTS

PL-C4

K8088

4.6

-

85

PL-C5

K8089

4.6

-

84

PL-C6

K8090

6.4

1260

87

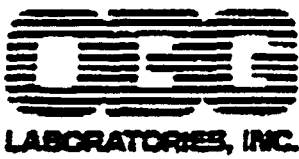
Comments:

Certification No.: 10155

Units: mg/kg dry wt.

Authorized: _____

Date: _____



PRELIMINARY

Semivolatile Organics Method 8270

CLIENT Blasland and Bouck Engineers JOB NO. 2887, 026, 517
 DESCRIPTION East St. Parking Lot Excavation
PL-C4
 SAMPLE NO. K 8088 DATE COLLECTED 8-22-90 DATE RECEIVED 8-23-90
 DATE EXTRACTED 8-24-90 DATE ANALYZED 8-28-90

| | |
|------------------------|-------|
| Hexachlorobenzene | <390 |
| Pentachlorophenol | <1900 |
| Phenanthrene | <390 |
| Anthracene | ↓ |
| Di-n-butylphthalate | |
| Fluoranthene | |
| Pyrene | |
| Butylbenzylphthalate | |
| 3,3'-Dichlorobenzidine | <780 |

| | |
|------------------------------|------|
| Benzo (a) anthracene | <390 |
| Chrysene | ↓ |
| Bis (2-ethylhexyl) phthalate | |
| Di-n-octylphthalate | |
| Benzo (b) fluoranthene | |
| Benzo (k) fluoranthene | |
| Benzo (a) pyrene | |
| Indeno (1,2,3-cd) pyrene | |
| Dibenz (a,h) anthracene | |
| Benzo (g,h,i) perylene | |

Comments:

Methodology: EPA Target Compound List By 8270, SW-846
November 1988, 3rd Edition

Certification No.:

Units: UG/KG dry weight

Values reported in parentheses are estimated values, detected, but below the quantitation limit.

Elevated detection limits due to matrix interferences.

CLIENT: Blasland and Bouck Engineers

JOB NO. 2887.026.517

DESCRIPTION: East St. Parking Lot Excavation
PL-C5

SAMPLE NO. K8089

DATE COLLECTED 8-22-90

DATE RECEIVED 8-23-90

DATE EXTRACTED 8-24-90

DATE ANALYZED 8-28-90

| | |
|-------------------------------|-------|
| Phenol | <390 |
| Bis (2-chloroethyl) ether | |
| 2-Chlorophenol | |
| 1,3-Dichlorobenzene | |
| 1,4-Dichlorobenzene | |
| Benzyl alcohol | |
| 1,2-Dichlorobenzene | |
| 2-Methylphenol | |
| Bis (2-chloroisopropyl) ether | |
| 4-Methylphenol | |
| N-Nitroso-di-n-propylamine | |
| Hexachloroethane | |
| Nitrobenzene | |
| Isophorane | |
| 2-Nitrophenol | |
| 2,4-Dimethylphenol | |
| Benzoic acid | <1900 |
| Bis (2-chloroethoxy) methane | <390 |
| 2,4-Dichlorophenol | |
| 1,2,4-Trichlorobenzene | |
| Naphthalene | |
| 4-Chloroaniline | |
| Hexachlorocyclopentadiene | |

| | |
|----------------------------|-------|
| 4-Chloro-3-methylphenol | <390 |
| 2-Methylnaphthalene | |
| Hexachlorocyclopentadiene | |
| 2,4,6-Trichlorophenol | |
| 2,4,5-Trichlorophenol | <1900 |
| 2-Chloronaphthalene | <390 |
| 2-Nitroaniline | <1900 |
| Dimethylphthalate | <390 |
| Acenaphthylene | |
| 2,6-Dinitrotoluene | |
| 3-Nitroaniline | <1900 |
| Acenaphthene | <390 |
| 2,4-Dinitrophenol | <1900 |
| 4-Nitrophenol | <1900 |
| Dibenzofuran | <390 |
| 2,4-Dinitrotoluene | |
| Diethylphthalate | |
| 4-Chlorophenyl-phenylether | |
| Fluorene | |
| 4-Nitroaniline | <1900 |
| 4,6-Dinitro-2-methylphenol | <1900 |
| N-Nitrosodiphenylamine | <390 |
| 4-Bromophenyl-phenylether | <390 |



Semivolatile Organics Method 8270

PRELIMINARY

CLIENT: Blasland and Bouck Engineers JOB NO. 2887, 026, 517
 DESCRIPTION: East St. Parking Lot Excavation
PL-C5 0

SAMPLE NO. K8089 DATE COLLECTED 8-22-90 DATE RECEIVED 8-23-90
 DATE EXTRACTED 8-24-90 DATE ANALYZED 8-28-90

| | |
|------------------------|-------|
| Hexachlorobenzene | < 390 |
| Pentachlorophenol | 31900 |
| Phenanthrene | < 390 |
| Anthracene | |
| Di-n-butylphthalate | |
| Fluoranthene | |
| Pyrene | |
| Benzylbenzylphthalate | |
| 3,3'-Dichlorobenzidine | < 790 |

| | |
|------------------------------|-------|
| Benzo (a) anthracene | < 390 |
| Chrysene | ↓ |
| Bis (2-ethylhexyl) phthalate | 470 |
| Di-n-octylphthalate | < 390 |
| Benzo (b) fluoranthene | |
| Benzo (k) fluoranthene | |
| Benzo (a) pyrene | |
| Indeno (1,2,3-cd) pyrene | |
| Dibenz (a,h) anthracene | |
| Benzo (g,h,i) perylene | |

Comments:

Methodology: EPA Target Compound List by 8270, SW-846
November 1988, 3rd Edition

Certification No.:

Units: UG/KG dry weight

Values reported in parentheses are estimated values, detected, but below the quantitation limit.

Elevated detection limits due to matrix interferences.

CLIENT Blasland and Buck Engineers

JOB NO. 2887.026.517

DESCRIPTION East St. Parking Lot Excavation

PL-06

SAMPLE NO. K8090

DATE COLLECTED 8-22-90

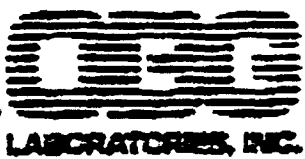
DATE RECEIVED 8-23-90

DATE EXTRACTED 8-24-90

DATE ANALYZED 8-28-90

| | |
|-------------------------------|-------|
| Phenol | <380 |
| Bis (2-chloroethyl) ether | |
| 2-Chlorophenol | |
| 1,3-Dichlorobenzene | |
| 1,4-Dichlorobenzene | |
| Benzyl alcohol | |
| 1,2-Dichlorobenzene | |
| 2-Methylphenol | |
| Bis (2-chloroisopropyl) ether | |
| 4-Methylphenol | |
| N-Nitroso-di-n-propylamine | |
| Hexachloroethane | |
| Nitrobenzene | |
| Isophorane | |
| 2-Nitrophenol | |
| 2,4-Dimethylphenol | |
| Benzoic acid | <1800 |
| Bis (2-chloroethoxy) methane | <380 |
| 2,4-Dichlorophenol | |
| 1,2,4-Trichlorobenzene | |
| Naphthalene | |
| 4-Chloroaniline | |
| Hexachlorobutadiene | |

| | |
|----------------------------|-------|
| 4-Chloro-3-methylphenol | <380 |
| 2-Methylnaphthalene | |
| Hexachlorocyclopentadiene | |
| 2,4,6-Trichlorophenol | |
| 2,4,5-Trichlorophenol | <1800 |
| 2-Chloronaphthalene | <380 |
| 2-Nitroaniline | <1800 |
| Dimethylphthalate | <380 |
| Acenaphthylene | |
| 2,6-Dinitrotoluene | |
| 3-Nitroaniline | <1800 |
| Acenaphthene | <380 |
| 2,4-Dinitrophenol | <1800 |
| 4-Nitrophenol | <1800 |
| Dibenzofuran | <380 |
| 2,4-Dinitrotoluene | |
| Dimethylphthalate | |
| 4-Chlorophenyl-phenylether | |
| Fluorene | |
| 4-Nitroaniline | <1800 |
| 4,6-Dinitro-2-methylphenol | <1800 |
| N-Nitrosodiphenylamine | <380 |
| 4-Bromophenyl-phenylether | <380 |



PRELIMINARY

Client: Blasland and Buck Engineers JOB NO. 2887, C26, 517
DESCRIPTION: East St. Parking Lot Excavation

PL-CG

SAMPLE NO. K8090 DATE COLLECTED 8-22-90 DATE RECEIVED 8-23-90
DATE EXTRACTED 8-24-90 DATE ANALYZED 8-28-90

| | |
|------------------------|-------|
| Hexachlorobenzene | <380 |
| Pentachlorophenol | 21800 |
| Phenanthrene | 650 |
| Anthracene | <380 |
| Di-n-butylphthalate | <380 |
| Fluoranthene | 960 |
| Pyrene | 1000 |
| Butylbenzylphthalate | <380 |
| 3,3'-Dichlorobenzidine | <760 |

| | |
|------------------------------|------|
| ✓ Benzo (a) anthracene | 510 |
| ✓ Chrysene | 500 |
| Bis (2-ethylhexyl) phthalate | <380 |
| Di-n-octylphthalate | <380 |
| ✓ Benzo (b) fluoranthene | 640 |
| Benzo (k) fluoranthene | <380 |
| ✓ Benzo (a) pyrene | 480 |
| Indeno (1,2,3-cd) pyrene | <380 |
| Dibenz (a,h) anthracene | |
| Benzo (g,h,i) perylene | ↓ |

Comments:

Methodology: EPA Target Compound List By 8270, SW-846 November 1988, 3rd Edition

Certification No.:

Units: UG/KG dry weight

Values reported in parentheses are estimated values, detected, but below the quantitation limit.

Elevated detection limits due to matrix interferences.



Laboratory Report

PRELIMINARY

BIN #: 79

CLIENT Blasland & Buck Engineers

JOB NO. 2887-026-517

DESCRIPTION Job # 101-93-11

MATRIX: Asphalt

Date analyzed: 8/30/90

DATE COLLECTED 8.22.90

DATE RECEIVED 8.30.90

| | Sample # | PCB | ATTN |
|--------------------|----------|-----|------|
| East St - PL - C4A | 8657 | 2.0 | 1260 |
| C5A | ↓ 58 | 2.5 | - |
| C6A | ↓ 59 | 3.2 | 1260 |

Comments:

Certification No.: 10155

Units: mg/kg

Authorized: _____

Date: _____

O&G Laboratories, Inc., an O'Brien & Gere Limited Company
5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200



Laboratory Report

PRELIMINARY

5109

BIN #: 18

CLIENT Blasland + Bouck Engineers

JOB NO. 2887.026.517

DESCRIPTION East St. Parking Lot Excavation

MATRIX: Soils

DATE COLLECTED 8-22-90

DATE RECEIVED 8-23-90

Description:

Sample No.

PL-C4 | PL-C5 | PL-C6

K8088 | K8089 | K8090

PCBS - 8080

VOAS - 8240

BNA'S - 8270

EPTOX METALS:

As

<0.5 | <0.5 | <0.5

Ba

<10. | <10. | <10.

Cd

<0.1 | <0.1 | <0.1

Cr

<0.5 | <0.5 | <0.5

Pb

<0.5 | <0.5 | <0.5

Hg

<0.0005 | <0.0005 | <0.0005

Se

<0.1 | <0.1 | <0.1

Ag

<0.5 | <0.5 | <0.5

Total CW - 9010

PC TS

Comments:

Certification No.: 10155

Units: mg/l

Authorized: _____

Date: _____



Laboratory Report

CLIENT BLASLAND & BOUCK, P.C. JOB NO. 2887.026.517

DESCRIPTION Pittsfield, MA - Excavation for Parking Lot Sampling B & B. # 101.93.11

Soils

Date Analyzed 8-17-90 DATE COLLECTED 8-8-90 DATE RECEIVED 8-9-90

| Description: | Sample # | PCB | Aroclor | PERCENT TOTAL SOLIDS | CYANIDE Method 9010 |
|----------------|----------|-----|---------|----------------------|---------------------|
| East St. PL-C1 | K7428 | 2.2 | 1260 | 86. | <0.6 |
| East St. PL-C2 | K7429 | 1.4 | 1260 | 87. | <0.6 |
| East St. PL-C3 | K7430 | 10. | 1260 | 87. | <0.6 |
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Comments:

Certification No.: NY034

Units: mg/kg dry weight

Authorized: *Anthony Lusignea*



Volatile Organics Method 8240

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517

DESCRIPTION Pittsfield, MA - Excavation for Parking Lot Sampling B & B # 101.93.11

Soils

DATE COLLECTED 8-8-90 DATE RECEIVED 8-9-90 DATE ANALYZED 8-13-90

| DESCRIPTION: | East St. PL-C1 | East St. PL-C2 | East St. PL-C3 | | | |
|----------------------------|-------------------|-------------------|-------------------|--|--|--|
| SAMPLE NO.: | K7428 | K7429 | K7430 | | | |
| Chloromethane | <12. | <11. | <11. | | | |
| Bromomethane | ↓ | ↓ | ↓ | | | |
| Vinyl chloride | ↓ | ↓ | ↓ | | | |
| Chloroethane | ↓ | ↓ | ↓ | | | |
| Methylene chloride | <6. | <6. | <6. | | | |
| Acetone | 24.B | 21.B | 17.B | | | |
| Carbon disulfide | <6. | <6. | <6. | | | |
| 1,1-Dichloroethene | ↓ | ↓ | ↓ | | | |
| 1,1-Dichloroethane | ↓ | ↓ | ↓ | | | |
| 1,2-Dichloroethene (total) | ↓ | ↓ | ↓ | | | |
| Chloroform | ↓ | ↓ | ↓ | | | |
| 1,2-Dichloroethane | ↓ | ↓ | ↓ | | | |
| 2-Butanone | <12. | <11. | <11. | | | |
| 1,1,1-Trichloroethane | <6. | <6. | <6. | | | |
| Carbon tetrachloride | <6. | <6. | <6. | | | |
| Vinyl acetate | <12. | <11. | <11. | | | |
| Bromodichloromethane | <6. | <6. | <6. | | | |
| 1,2-Dichloropropane | | | | | | |
| cis-1,3-Dichloropropene | | | | | | |
| Trichloroethene | | | | | | |
| Dibromochloromethane | | | | | | |
| 1,1,2-Trichloroethane | | | | | | |
| Benzene | | | | | | |

Authorized: *Anthony Luciani*



Volatile Organics Method 8240

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517
 DESCRIPTION Pittsfield, MA - Excavation for Parking Lot Sampling B & B # 101.93.11
Soils
 DATE COLLECTED 8-8-90 DATE RECEIVED 8-9-90 DATE ANALYZED 8-13-90

| DESCRIPTION: | East St. PL-C1 | East St. PL-C2 | East St. PL-C3 | | | |
|---------------------------|-------------------|-------------------|-------------------|--|--|--|
| SAMPLE NO.: | K7428 | K7429 | K7430 | | | |
| trans-1,3-Dichloropropene | <6. | <6. | <6. | | | |
| Bromoform | <6. | <6. | <6. | | | |
| 4-Methyl-2-pentanone | <12. | <11. | <11. | | | |
| 2-Hexanone | <12. | <11. | <11. | | | |
| Tetrachloroethene | <6. | <6. | <6. | | | |
| 1,1,2,2-Tetrachloroethane | | | | | | |
| Toluene | | | | | | |
| Chlorobenzene | | | | | | |
| o-Xylylene | | | | | | |
| Styrene | | | | | | |
| Xylene (total) | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Comments: Values flagged with a "B" indicate that the analyte was detected in the blank, as well as in the sample. the blank exhibited 28 µg/kg Acetone.

Methodology: EPA Target Compound List By 8240, SW-846
November 1988, 3rd Edition

Certification No.: NY034

Units: µg/kg dry weight

Authorized: *Anthony C...*



Semivolatile Organics Method 8270

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517
 DESCRIPTION Pittsfield, MA - Excavations for Parking Lot Sampling B & B #101.93.11
East Street - PL-C1 - Soil
 SAMPLE NO. K7428 DATE COLLECTED 8-08-90 DATE RECEIVED 8-09-90
 DATE EXTRACTED 8-17-90 DATE ANALYZED 8-20-90

| | | | |
|-------------------------------|--------|----------------------------|--------|
| Phenol | <380. | 4-Chloro-3-methylphenol | <380. |
| Bis (2-chloroethyl) ether | | 2-Methylnaphthalene | |
| 2-Chlorophenol | | Hexachlorocyclopentadiene | |
| 1,3-Dichlorobenzene | | 2,4,6-Trichlorophenol | |
| 1,4-Dichlorobenzene | | 2,4,5-Trichlorophenol | <1900. |
| Benzyl alcohol | | 2-Chloronaphthalene | <380. |
| 1,2-Dichlorobenzene | | 2-Nitroaniline | <1900. |
| 2-Methylphenol | | Dimethylphthalate | <380. |
| Bis (2-chloroisopropyl) ether | | Acenaphthylene | |
| 4-Methylphenol | | 2,6-Dinitrotoluene | |
| N-Nitroso-di-n-propylamine | | 3-Nitroaniline | <1900. |
| Hexachloroethane | | Acenaphthene | <380. |
| Nitrobenzene | | 2,4-Dinitrophenol | <1900. |
| Isophorone | | 4-Nitrophenol | <1900. |
| 2-Nitrophenol | | Dibenzofuran | <380. |
| 2,4-Dimethylphenol | | 2,4-Dinitrotoluene | |
| Benzoic acid | <1900. | Diethylphthalate | |
| Bis (2-chloroethoxy) methane | <380. | 4-Chlorophenyl-phenylether | |
| 2,4-Dichlorophenol | | Fluorene | |
| 1,2,4-Trichlorobenzene | | 4-Nitroaniline | <1900. |
| Naphthalene | | 4,6-Dinitro-2-methylphenol | <1900. |
| 4-Chloroaniline | | N-Nitrosodiphenylamine | <380. |
| Hexachlorobutadiene | | 4-Bromophenyl-phenylether | <380. |

Authorized: Anthony Cracchiolo

Date: September 13, 1990



Semivolatile Organics Method 8270

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517
 DESCRIPTION Pittsfield, MA - Excavations for Parking Lot Sampling B & B #101.93.11
East Street - PL-C1 - Soil
 SAMPLE NO. K7428 DATE COLLECTED 8-08-90 DATE RECEIVED 8-09-90
 DATE EXTRACTED 8-17-90 DATE ANALYZED 8-20-90

| | | | |
|------------------------|--------|------------------------------|-------|
| Hexachlorobenzene | <380. | Benzo (a) anthracene | <380. |
| Pentachlorophenol | <1900. | Chrysene | |
| Phenanthrene | <380. | Bis (2-ethylhexyl) phthalate | |
| Anthracene | | Di-n-octylphthalate | |
| Di-n-butylphthalate | | Benzo (b) fluoranthene | |
| Fluoranthene | | Benzo (k) fluoranthene | |
| Pyrene | | Benzo (a) pyrene | |
| Butylbenzylphthalate | | Indeno (1,2,3-cd) pyrene | |
| 3,3'-Dichlorobenzidine | <770. | Dibenz (a,h) anthracene | |
| | | Benzo (g,h,i) perylene | |

Comments:

Methodology: EPA Target Compound List By 8270, SW-846
November 1986, 3rd Edition

Certification No.: NY034

Units: µg/kg dry weight

Page 2 of 2

Authorized: 

Date: September 13, 1990

OBG Laboratories, Inc., an O'Brien & Gere Limited Company
5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

913154459161 P.11

TO

FROM BLASLAND & BOUCK ENG

MAY-05-1992 14:48



Semivolatile Organics Method 8270

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517
 DESCRIPTION Pittsfield, MA - Excavations for Parking Lot Sampling B & B #101.93.11
East Street - PL-C2 - Soil
 SAMPLE NO. K7429 DATE COLLECTED 8-08-90 DATE RECEIVED 8-09-90
 DATE EXTRACTED 8-17-90 DATE ANALYZED 8-20-90

| | | | |
|-------------------------------|--------|----------------------------|--------|
| Phenol | <380. | 4-Chloro-3-methylphenol | <380. |
| Bis (2-chloroethyl) ether | | 2-Methylnaphthalene | |
| 2-Chlorophenol | | Hexachlorocyclopentadiene | |
| 1,3-Dichlorobenzene | | 2,4,6-Trichlorophenol | |
| 1,4-Dichlorobenzene | | 2,4,5-Trichlorophenol | <1800. |
| Benzyl alcohol | | 2-Chloronaphthalene | <380. |
| 1,2-Dichlorobenzene | | 2-Nitroaniline | <1800. |
| 2-Methylphenol | | Dimethylphthalate | <380. |
| Bis (2-chloroisopropyl) ether | | Acenaphthylene | |
| 4-Methylphenol | | 2,6-Dinitrotoluene | |
| N-Nitroso-di-n-propylamine | | 3-Nitroaniline | <1800. |
| Hexachloroethane | | Acenaphthene | <380. |
| Nitrobenzene | | 2,4-Dinitrophenol | <1800. |
| Isophorone | | 4-Nitrophenol | <1800. |
| 2-Nitrophenol | | Dibenzofuran | <380. |
| 2,4-Dimethylphenol | | 2,4-Dinitrotoluene | |
| Benzoic acid | <1800. | Diethylphthalate | |
| Bis (2-chloroethoxy) methane | <380. | 4-Chlorophenyl-phenylether | |
| 2,4-Dichlorophenol | | Fluorene | |
| 1,2,4-Trichlorobenzene | | 4-Nitroaniline | <1800. |
| Naphthalene | | 4,6-Dinitro-2-methylphenol | <1800. |
| 4-Chloroaniline | | N-Nitrosodiphenylamine | <380. |
| Hexachlorobutadiene | | 4-Bromophenyl-phenylether | <380. |

Authorized: *Anthony Guasconi*

Date: September 13, 1990



Semivolatile Organics Method 8270

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517
 DESCRIPTION Pittsfield, MA - Excavations for Parking Lot Sampling B & B #101.93.11
East Street - PL-C2 - Soil
 SAMPLE NO. K7429 DATE COLLECTED 8-08-90 DATE RECEIVED 8-09-90
 DATE EXTRACTED 8-17-90 DATE ANALYZED 8-20-90

| | | | |
|------------------------|--------|------------------------------|-------|
| Hexachlorobenzene | <380. | Benzo (a) anthracene | <380. |
| Pentachlorophenol | <1800. | Chrysene | |
| Phenanthrene | <380. | Bis (2-ethylhexyl) phthalate | |
| Anthracene | | Di-n-octylphthalate | |
| Di-n-butylphthalate | | Benzo (b) fluoranthene | |
| Fluoranthene | | Benzo (k) fluoranthene | |
| Pyrene | | Benzo (a) pyrene | |
| Butylbenzylphthalate | | Indeno (1,2,3-cd) pyrene | |
| 3,3'-Dichlorobenzidine | <760. | Dibenz (a,h) anthracene | |
| | | Benzo (g,h,i) perylene | |

Comments:

Methodology: EPA Target Compound List By 8270, SW-846
November 1986, 3rd Edition

Certification No.: NY034

Units: µg/kg dry weight

Authorized:



Semivolatile Organics Method 8270

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517
 DESCRIPTION Pittsfield, MA - Excavations for Parking Lot Sampling B & B #101.95.11
East Street - PL-C3 - Soil

SAMPLE NO. K7430 DATE COLLECTED 8-08-90 DATE RECEIVED 8-09-90
 DATE EXTRACTED 8-17-90 DATE ANALYZED 8-20-90

| | | | |
|-------------------------------|--------|----------------------------|--------|
| Phenol | <380. | 4-Chloro-3-methylphenol | <380. |
| Bis (2-chloroethyl) ether | | 2-Methylnaphthalene | |
| 2-Chlorophenol | | Hexachlorocyclopentadiene | |
| 1,3-Dichlorobenzene | | 2,4,6-Trichlorophenol | |
| 1,4-Dichlorobenzene | | 2,4,5-Trichlorophenol | <1800. |
| Benzyl alcohol | | 2-Chloronaphthalene | <380. |
| 1,2-Dichlorobenzene | | 2-Nitroaniline | <1800. |
| 2-Methylphenol | | Dimethylphthalate | <380. |
| Bis (2-chloroisopropyl) ether | | Acenaphthylene | |
| 4-Methylphenol | | 2,6-Dinitrotoluene | |
| N-Nitroso-di-n-propylamine | | 3-Nitroaniline | <1800. |
| Hexachloroethane | | Acenaphthene | <380. |
| Nitrobenzene | | 2,4-Dinitrophenol | <1800. |
| Isophorone | | 4-Nitrophenol | <1800. |
| 2-Nitrophenol | | Dibenzofuran | <380. |
| 2,4-Dimethylphenol | | 2,4-Dinitrotoluene | |
| Benzoic acid | <1800. | Diethylphthalate | |
| Bis (2-chloroethoxy) methane | <380. | 4-Chlorophenyl-phenylether | |
| 2,4-Dichlorophenol | | Fluorene | |
| 1,2,4-Trichlorobenzene | | 4-Nitroaniline | <1800. |
| Naphthalene | | 4,6-Dinitro-2-methylphenol | <1800. |
| 4-Chloroaniline | | N-Nitrosodiphenylamine | <380. |
| Hexachlorobutadiene | | 4-Bromophenyl-phenylether | <380. |

Authorized: *Anthony Lisciani*

Date: September 13, 1990



Semivolatile Organics Method 8270

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517
 DESCRIPTION Pittsfield, MA - Excavations for Parking Lot Sampling B & B #101.93.11
East Street - PL-C3 - Soil
 SAMPLE NO. K7430 DATE COLLECTED 8-08-90 DATE RECEIVED 8-09-90
 DATE EXTRACTED 8-17-90 DATE ANALYZED 8-20-90

| | | | |
|------------------------|--------|------------------------------|-------|
| Hexachlorobenzene | <380. | Benzo (a) anthracene | <380. |
| Pentachlorophenol | <1800. | Chrysene | <380. |
| Phenanthrene | <380. | Bis (2-ethylhexyl) phthalate | 410. |
| Anthracene | | Di-n-octylphthalate | <380. |
| Di-n-butylphthalate | | Benzo (b) fluoranthene | |
| Fluoranthene | | Benzo (k) fluoranthene | |
| Pyrene | | Benzo (a) pyrene | |
| Butylbenzylphthalate | | Indeno (1,2,3-cd) pyrene | |
| 3,3'-Dichlorobenzidine | <760. | Dibenz (a,h) anthracene | |
| | | Benzo (g,h,i) perylene | |

Comments:

Methodology: EPA Target Compound List By 8270, SW-846
November 1986, 3rd Edition

Certification No.: NY034

Units: µg/kg dry weight

Authorized: 



Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C.

JOB NO. 2887.026.517

DESCRIPTION Pittsfield, MA - Excavations for Parking Lot Sampling B & B # 101.93.11

Soils

DATE COLLECTED 8-8-90

DATE RECEIVED 8-9-90

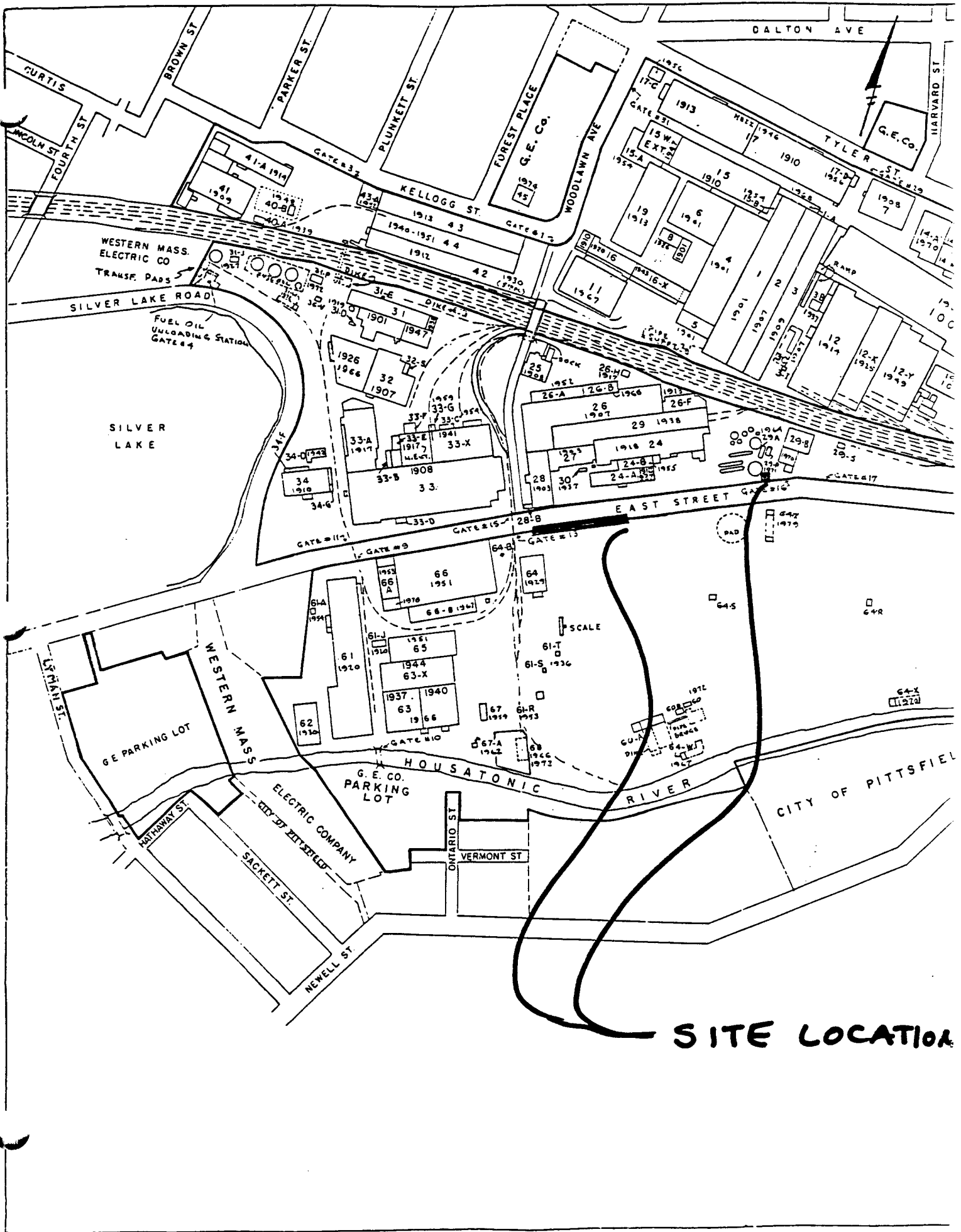
| Description: | East St. PL-C1 | East St. PL-C2 | East St. PL-C3 |
|----------------------|-------------------|-------------------|-------------------|
| Sample # | K7428 | K7429 | K7430 |
| EPTOX Metals: | | | |
| ARSENIC | <0.5 | <0.5 | <0.5 |
| BARIUM | <10. | <10. | <10. |
| CADMIUM | <0.1 | <0.1 | <0.1 |
| CHROMIUM | <0.5 | <0.5 | <0.5 |
| LEAD | <0.5 | <0.5 | <0.5 |
| MERCURY | <0.0005 | <0.0005 | <0.0005 |
| SELENIUM | <0.1 | <0.1 | <0.1 |
| SILVER | <0.5 | <0.5 | <0.5 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Comments:

Certification No.: NY034

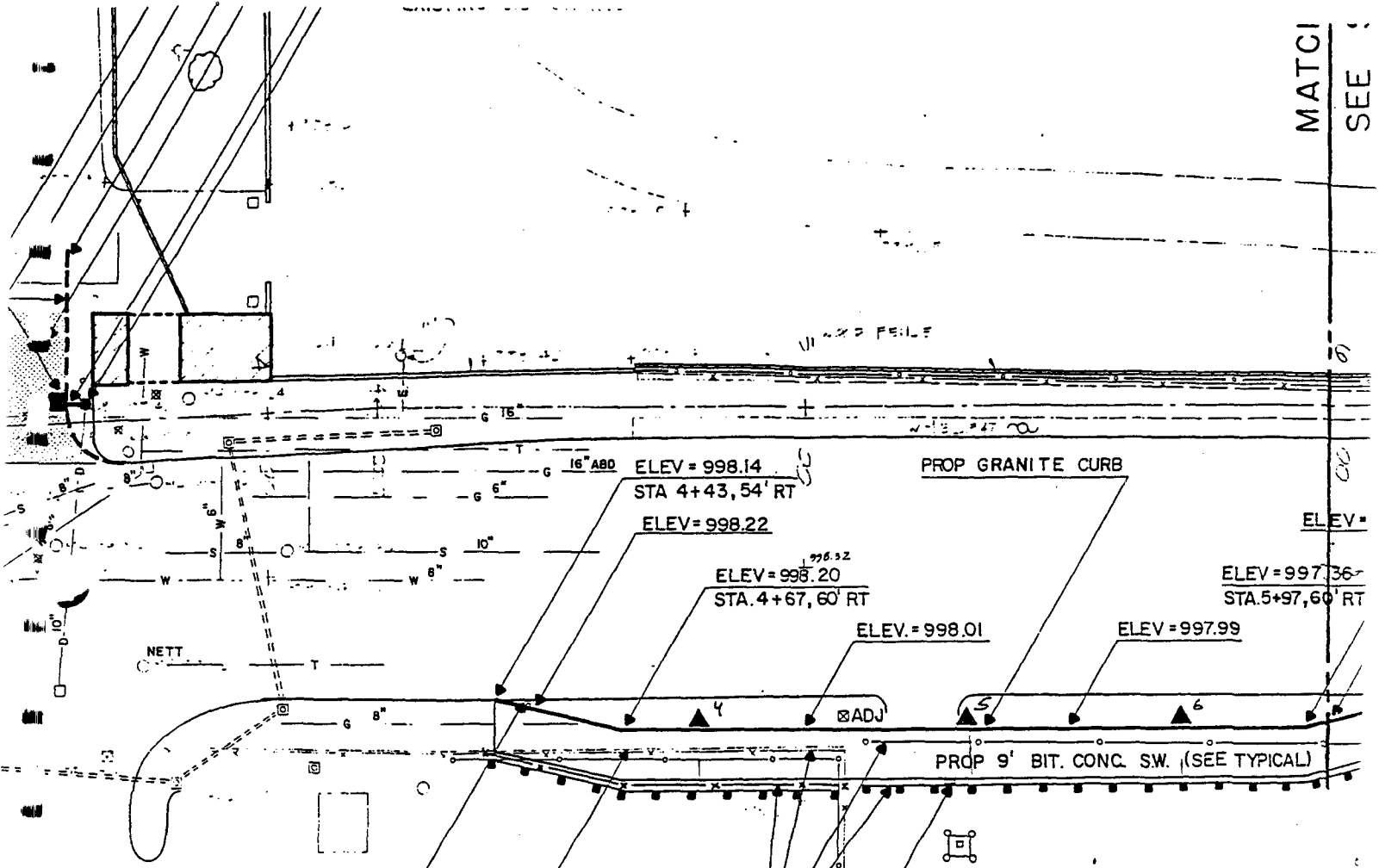
Units: mg/l

Authorized: *Anthony Crescenzi*



SITE LOCATION

MATCI
SEE :



REMOVE EXIST. NO PARKING SIGN

REMOVE EXISTING HEDGE BETWEEN STA. 4+37± AND 5+07± AND REPLACE WITH NEW BUSHES SET BEHIND RELOCATED CHAIN LINK FENCE (TYPE AND SIZE OF NEW PLANT MATERIAL TO BE APPROVED BY G.E.)

REMOVE EXISTING CARD READER

EXISTING CHAIN LINK FENCE & HIGHWAY GUARD TO BE REMOVED & RESET TO BACK OF PROPOSED SIDEWALK.

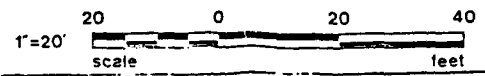
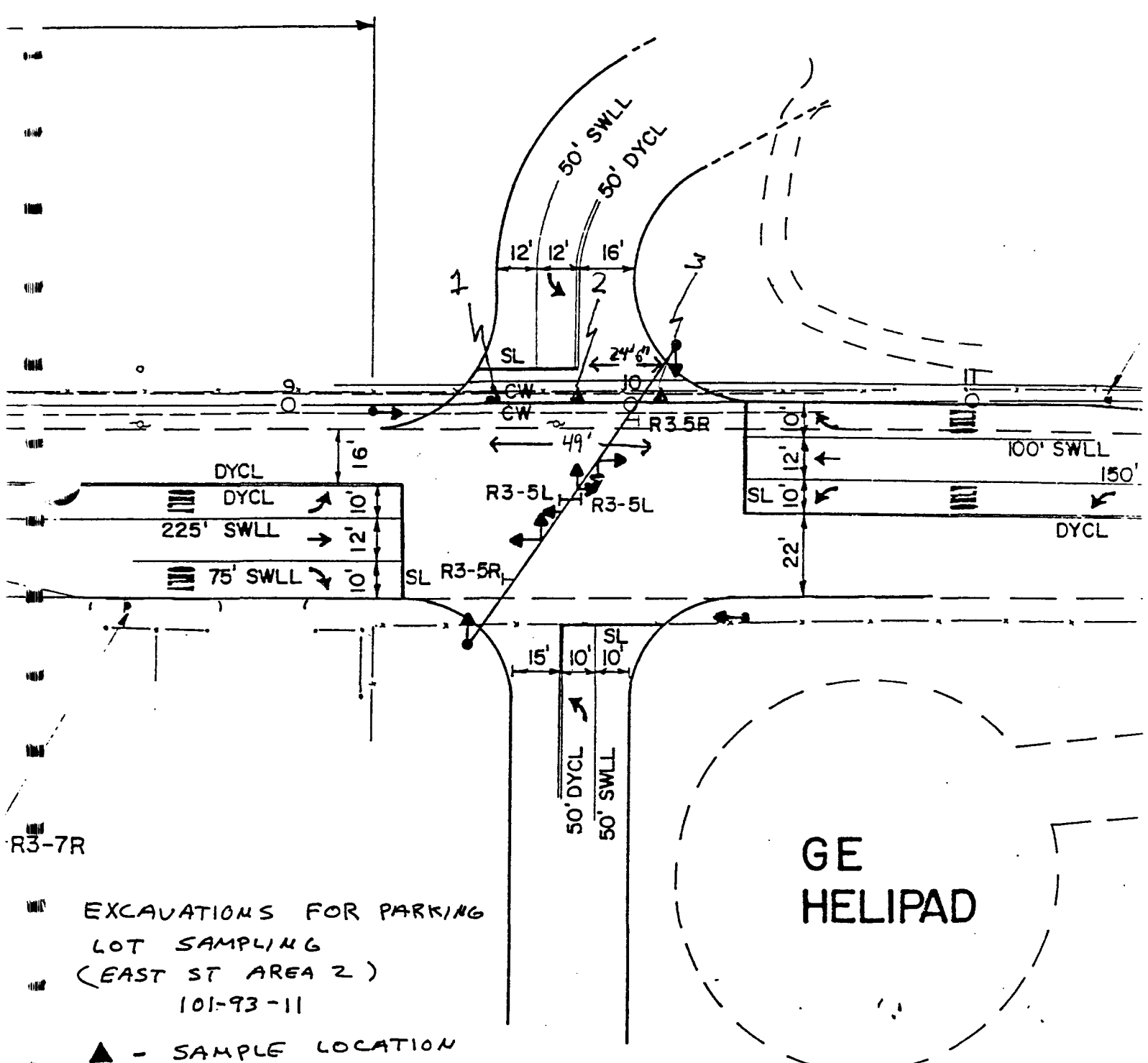


FIGURE 1



APPENDIX J, SECTION C-45

BLASLAND & BOWEN ENGINEERS, P.C.
(REQUEST FOR SAMPLING)

TO: Files

DATE: 11-5-92

FROM: Bruce Eulian

FILE NO: 101.75.17

RE: Parking Lot Resurfacing
East St. Area II

INITIATOR: Aimee Cole (GE)

DATE: 10-30-92

BLDG. LOCATION: Parking Lot (East St. Area II)

CONTACT PERSON: Aimee Cole (GE)

EXT: 2534

ITEM DESCRIPTION:

1.) Soil

PURPOSE: To collect samples so GE can determine the proper disposal method for the soil that was generated during the Parking Lot Resurfacing at East St. Area II.

NOTES: The following sampling program was implemented as the request of Aimee Cole (GE) (see attached sample request letter date 10-30-92):

1.) Soil from the excavation for the Parking Lot Resurfacing at East St. Area II is to be sampled for PCB's Method 8080, VOC's Method 8240, Semi-Volatiles Method 8270, Phenol Method 8040 (see note), Cyanide Method 8010 and TOLP (No Herbicides or Pesticides) Method 1311.

2.) GE requests the samples to be analyzed at DBG Laboratories in Syracuse, NY.

Note: Per a discussion with Mark Yates (DB&G) on 11-5-92 DB&G Laboratories in Syracuse, NY does not do Phenol Method 8040 analysis. Aimee Cole (GE) was notified of this and instructed B&B to wait for the Semi-Volatiles Method 8270 results, to determine if any Phenols were detected, before any further action is taken.

10-30-92

SAMPLING REQUEST

TO: BRUCE EULIAN - B & B

FROM: A. COLE - GEC *aprice*

RE: Parking lot resurfacing South Side of East st.

On October 29, 1992 Ed Anderson brought to our attention the need to dispose of 100 cubic yards of unsampled soil generated from an excavation to resurface a parking lot located at Grid location R11. This is an Area 2 location. The original plan of this excavation was to remove blacktop only and reprocess it for reuse. The thickness and deteriorated condition of the blacktop led to the necessary removal of soil for proper grading and resurfacing over the entire surface of the excavation.

Due to the lineal nature of the excavation, assuming 600 ft of length and approx. 20 feet of width the following sampling frequency has been developed using the suggested frequency for "pre-excavation samples" of a major excavation and the foreknowledge that the results are to be used for determination of disposition only.. For lineal excavations the sampling frequency is once every 50 feet and one for every 2 feet in depth. Because the depth of the excavation is roughly 4 inches the depth stipulation is not applicable. One sample will be taken for every fifty feet dug for a total of 12 samples for PCB. Because the material is already stockpiled and the sampling is strictly for disposal purposes the other Area 2 constituents will be sampled for at 6 representative locations in the pile. Total samples should be as follows:

| <u>QTY</u> | <u>Constituent</u> | <u>Method</u> |
|------------|--------------------------------------|---------------|
| 12 | PCB | B080 |
| 6 | VOC'S | B240 |
| 6 | Semi-VOC'S | B270 |
| 6 | Phenol | B040 |
| 6 | Cyanide | 9010 |
| 6 | TCLP -No Pesti- cide or Herbicide | 1311 |

Please send the samples to O'Brien & Gere in Syracuse for analysis.

PRELIMINARY

DELIVERED TO
GRANT BOWMAN (GE)
12-10-92

BLASLAND AND BOUCK ENGINEERS P.C.

SAMPLING PROGRAM FIELD SUMMARY

To: Files
From: Bruce Eulian
Re: Parking Lot Resurfacing
East St. Area II

Date: 11-5-92
File No: 101.75.17
cc: Grant Bowman (GE)
Robert Rhoades (B&B)

The following is a summary of samples (Table 1) collected from soil generated during the excavation for the Parking Lot resurfacing at East St. Area II. Approximately 178 cu yds of soil was generated during the excavation. At the request of Aimee Cole (GE) 12 discrete-grab samples were collected and analyzed for PCB's Method 8080, 6 out of the 12 samples were also analyzed for VOC's Method 8240, Semi-Volatiles Method 8270, Phenol Method 8040 (see note), Cyanide Method 9010 and TCLP (No Herbicides or Pesticides) Method 1311.

Drawings showing the site location (Figure 1), and the sample locations (Figure 2) have been included. A preliminary analytical report provided by DBG Laboratories (Attachment 1) has also been included.

Note: Per a discussion with Mark Yates (DB&B) on 11-5-92 DB&B Laboratories in Syracuse, NY does not do Phenol Method 8040 analysis. Aimee Cole (GE) was notified of this and instructed B&B to wait for the Semi-Volatiles Method 8270 results, to determine if any Phenols were detected, before any further action is taken.

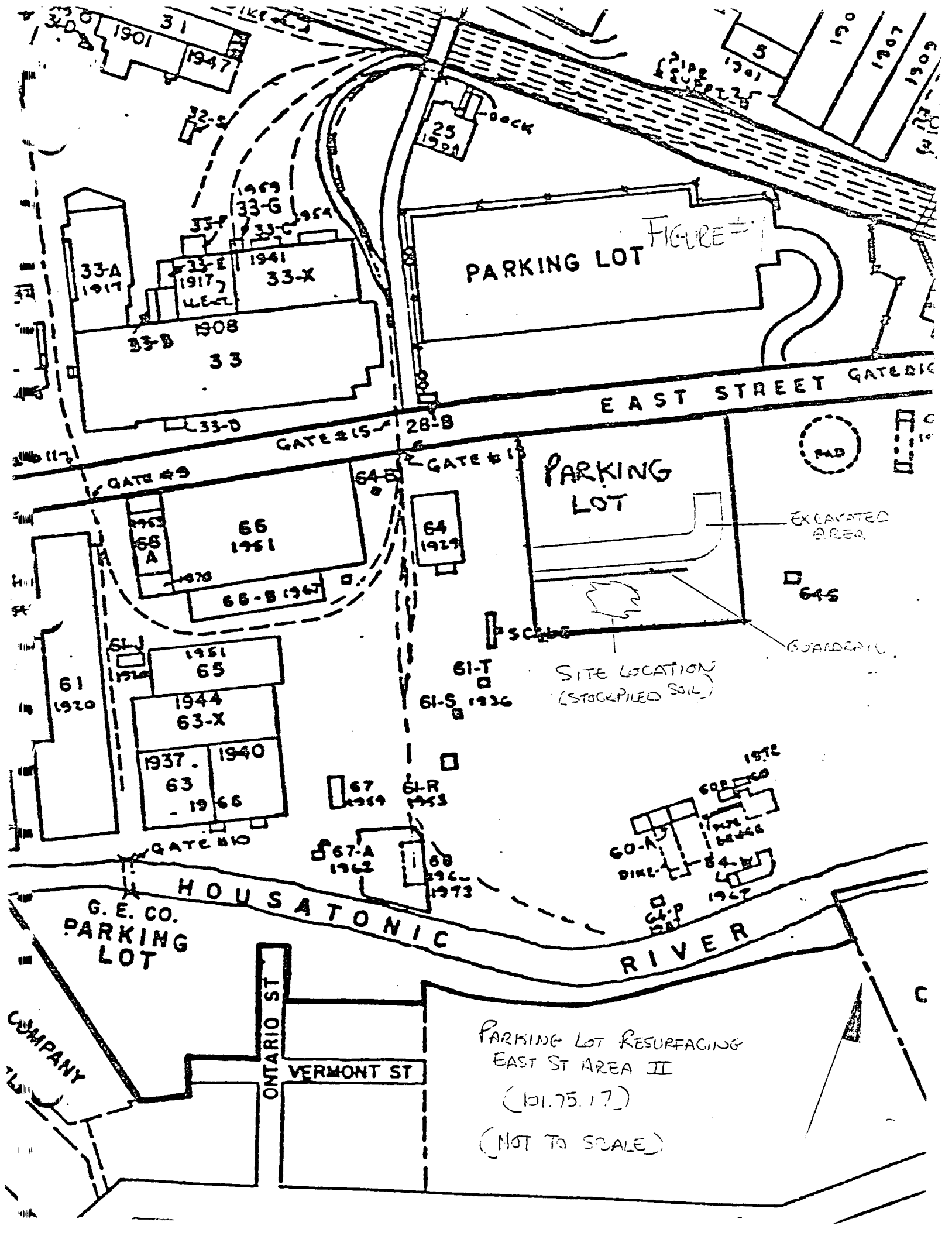
FRACKING LOT REGISTRATION
 EAST ST. 6929 II

10/17/17

TABLE 1

| FR ID | APPLICANT | TOTAL VOLUME METHANOL/PROPANE TBA | WELL'S METHOD REGR | STRIKES CAPACITIES METHANOL/PROPANE | FRAC METHANOL/PROPANE | CONDUIT METHANOL/PROPANE | OR RESTRICTIONS | TOP OR RESTRICTIONS | APPLICANT LOCATION | APPLICANT MATERIAL | APPLICANT TYPE | APPLICANT DEPTH | SAFE DEPTH |
|----------|-----------|---|--------------------------|---|--------------------------|-----------------------------|-----------------------|------------------------|-----------------------|-----------------------|-------------------|--------------------|---------------|
| FR-ES-01 | 11-4-92 | 0.7 | SEE OBS LFB REPORT | SEE OBS LFB REPORT | SEE NOTE | SEE OBS LFB REPORT | SEE OBS LFB REPORT | SEE OBS LFB REPORT | 1 | SOIL | DISCRETE-GRAB | 0-1' | 2 |
| FR-ES-03 | 11-4-92 | 2.8 | SEE OBS LFB REPORT | SEE OBS LFB REPORT | SEE NOTE | SEE OBS LFB REPORT | SEE OBS LFB REPORT | SEE OBS LFB REPORT | 3 | SOIL | DISCRETE-GRAB | 2-3' | 2 |
| FR-ES-05 | 11-4-92 | 3.6 | SEE OBS LFB REPORT | SEE OBS LFB REPORT | SEE NOTE | SEE OBS LFB REPORT | SEE OBS LFB REPORT | SEE OBS LFB REPORT | 5 | SOIL | DISCRETE-GRAB | 1-2' | 2 |
| FR-ES-08 | 11-4-92 | 4.6 | SEE OBS LFB REPORT | SEE OBS LFB REPORT | SEE NOTE | SEE OBS LFB REPORT | SEE OBS LFB REPORT | SEE OBS LFB REPORT | 8 | SOIL | DISCRETE-GRAB | 1-2' | 2 |
| FR-FS-10 | 11-4-92 | 3.3 | SEE OBS LFB REPORT | SEE OBS LFB REPORT | SEE NOTE | SEE OBS LFB REPORT | SEE OBS LFB REPORT | SEE OBS LFB REPORT | 10 | SOIL | DISCRETE-GRAB | 0-1' | 2 |
| FR-FS-12 | 11-4-92 | 3.3 | SEE OBS LFB REPORT | SEE OBS LFB REPORT | SEE NOTE | SEE OBS LFB REPORT | SEE OBS LFB REPORT | SEE OBS LFB REPORT | 12 | SOIL | DISCRETE-GRAB | 2-3' | 2 |
| FR-ES-12 | 11-4-92 | 40.5 | NR | NR | SEE NOTE | NR | NR | NR | 2 | SOIL | DISCRETE-GRAB | 1-2' | 2 |
| FR-ES-04 | 11-4-92 | 1.4 | NR | NR | SEE NOTE | NR | NR | NR | 4 | SOIL | DISCRETE-GRAB | 0-1' | 2 |
| FR-FS-06 | 11-4-92 | 4.4 | NR | NR | SEE NOTE | NR | NR | NR | 6 | SOIL | DISCRETE-GRAB | 2-3' | 2 |
| FR-FS-07 | 11-4-92 | 4.2 | NR | NR | SEE NOTE | NR | NR | NR | 7 | SOIL | DISCRETE-GRAB | 0-1' | 2 |
| FR-FS-09 | 11-4-92 | 3.8 | NR | NR | SEE NOTE | NR | NR | NR | 9 | SOIL | DISCRETE-GRAB | 2-3' | 2 |
| FR-FS-11 | 11-4-92 | 2.3 | NR | NR | SEE NOTE | NR | NR | NR | 11 | SOIL | DISCRETE-GRAB | 1-2' | 2 |

NOTE: THE 10 MGD/2000 GPD PER WELL RATES SHOWN ON 11-5-92, 0886 REPRESENTS THE VOLUME, IN SYDNEY, IN TONS, NOT TO EXCEED METHANOL/PROPANE RATIO. RIGHT TIME AND USE OF THE 5 GPD PER WELL RATES TO 2000 GPD FOR THE SAME VOLUMES METHANOL/PROPANE RATIO, TO PREVENT IF ANY VARIATIONS WERE OBSERVED, BEFORE ANY FURTHER ACTION IS TAKEN.



PARKING LOT FIGURE

EAST STREET GATE B

PARKING LOT

EXCAVATED AREA

GUARDRAIL

SITE LOCATION (STOCKPILED SOIL)

HOUSATONIC RIVER

G. E. CO. PARKING LOT

PARKING LOT RESURFACING EAST ST AREA II

(01.75.17)

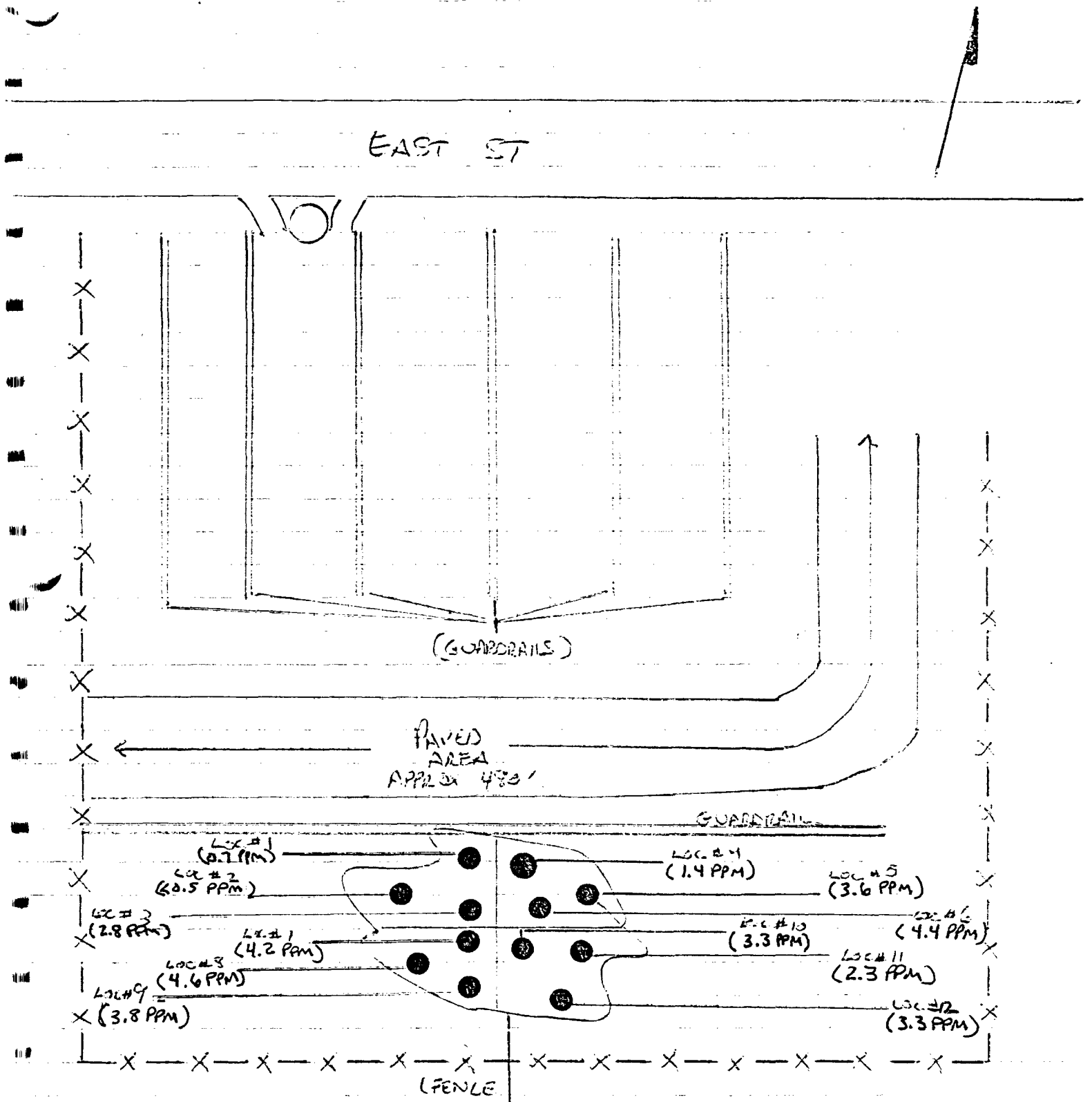
(NOT TO SCALE)

ONTARIO ST

VERMONT ST

COMPANY

FIGURE # 2



NOTE: SOIL PILE
 APPROX DIMENSIONS
 LENGTH 24'
 WIDTH 20'
 HEIGHT 10'
 APPROX 175 CUBIC YARDS

LEGEND
 (NOT TO SCALE)
 - SOIL PILE
 - SAMPLE LOCATION

ATTACHMENT 1



DEC 1 1992

Laboratory Report

CLIENT Bksland & Bouck Engineers, P.C. JOB NO. 2987.026.517
 DESCRIPTION Pittsfield, MA Parking Lot Resurfacing East St Area II
Project # 101.75.17 Matrix: Solid
Analyzed: 11/19-11/22 DATE COLLECTED 11/4/92 DATE RECEIVED 11/5/92

| Description | Sample # | PCB | Aroclor | Pct's % |
|-------------------|----------|------|----------------|---------|
| PLR - ES-C1 (0-1) | Q 89 60 | 0.7 | 1260 | 95 |
| C3 (2-3) | Q 89 61 | 2.8 | ↓ 1260 ↓ | 95 |
| C5 (1-2) | Q 89 62 | 3.6 | | 94 |
| C8 (1-2) | Q 89 63 | 4.6 | | 94 |
| C10 (0-1) | Q 89 64 | 3.3 | | 93 |
| C12 | Q 89 65 | 3.3 | | 94 |
| C2 (1-2) | Q 89 67 | 20.5 | | 94 |
| C4 (0-1) | Q 89 68 | 1.4 | | 94 |
| C6 (2-3) | Q 89 69 | 4.4 | | 94 |
| C7 (0-1) | Q 89 70 | 4.2 | | 93 |
| C9 (2-3) | Q 89 71 | 3.8 | | 93 |
| C11 | Q 89 72 | 2.3 | | 94 |

Comments:

Certification No.: 10155

Units: mg/kg (dry weight) ppm

Authorized: _____

Date: _____

OEG Laboratories, Inc., an O'Brien & Gere Limited Company
 5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200



PRELIMINARY

DEC 1 1992

**Volatile Organics
Method 8240**

CLIENT: BIDSPUS AND BANK ENTERPRISES, P.C. ICB NO. 2887.0210.517
 DESCRIPTION: PARKING LOT RESURFACING, EAST ST. AREA II

DATE COLLECTED: 11/4/92 DATE RECEIVED: 11/5/92 DATE ANALYZED: See PAGE 2

| DESCRIPTION: | PR-ES- C1 (0-1') | PR-ES- C3 (2-3') | PR-ES- C5 (1-2') | PR-ES- C8 (1-2') | PR-ES- C10 (0-1') | PR-ES- C12 (3-3') |
|----------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|
| SAMPLE NO.: | Q89100 | Q89101 | Q89102 | Q89103 | Q89104 | Q89105 |
| Chloromethane | ND | ND | ND | ND | ND | ND |
| Ethylmethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Vinyl chloride | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Chloroethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Methylene chloride | 45 | 45 | 45 | 45 | 45 | 45 |
| Acetone | 410 | 410 | 411 | 411 | 411 | 411 |
| Carbon disulfide | 45 | 45 | 45 | 45 | 45 | 45 |
| 1,1-Dichloroethene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,1-Dichloroethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,2-Dichloroethene (total) | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Chloroform | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,2-Dichloroethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2-Butanone | 410 | 410 | 411 | 411 | 411 | 411 |
| 1,1,1-Trichloroethane | 45 | 45 | 45 | 45 | 45 | 45 |
| Carbon tetrachloride | 45 | 45 | 45 | 45 | 45 | 45 |
| Vinyl acetate | 410 | 410 | 411 | 411 | 411 | 411 |
| Bromodichloromethane | 45 | 45 | 45 | 45 | 45 | 45 |
| 1,2-Dichloropropane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| cis-1,3-Dichloropropane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Trichloroethene | 7 | 7 | 6 | 9 | 7 | 7 |
| Dibromochloromethane | 45 | 45 | 45 | 45 | 45 | 45 |
| 1,1,2-Trichloroethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Benzene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |



PRELIMINARY
DEC 1 1992

Volatile Organics
Method 8240

CLIENT BIASIANI AND BOUCE ENGINEERS PC JOB NO. 2887.026.517

DESCRIPTION PARKING LOT RESURFACING FAR ST AREA II

MATRIX: Soil

DATE COLLECTED 11/4/92 DATE RECEIVED 11/5/92 DATE ANALYZED See below

| DESCRIPTION: | PLR-ES-C1 | PLR-ES-C3 | PLR-ES-C5 | PLR-ES-C8 | PLR-ES-C10 | PLR-ES-C12 |
|---------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| SAMPLE NO.: | (0-1') Q8960 | (2-3') Q8961 | (1-2') Q8962 | (1-2') Q8963 | (0-1') Q8964 | (0-3') Q8965 |
| trans-1,3-Dichloropropene | <5 | <5 | <5 | <5 | <5 | <5 |
| Bromoform | <5 | <5 | <5 | <5 | <5 | <5 |
| 4-Methyl-2-pentanone | <10 | <10 | <11 | <11 | <11 | <11 |
| 2-Hexanone | <10 | <10 | <11 | <11 | <11 | <11 |
| Tetrachloroethene | 6 | 6 | <5 | 7 | 6 | 6 |
| 1,1,2,2-Tetrachloroethane | <5 | <5 | | <5 | <5 | <5 |
| Toluene | | | | | | |
| Chlorobenzene | | | | | | |
| Ethylbenzene | | | | | | |
| Styrene | | | | | | |
| Xylene (total) | | | | | | |
| <i>Data Available:</i> | 11/18/92 | 11/19/92 | 11/18/92 | 11/18/92 | 11/18/92 | 11/18/92 |

Comments: Elevated detection limits due to matrix interferences.

Values flagged with a "B" indicate the analyte was detected in the laboratory blank. The blank exhibited _____ µg/_____ of methylene chloride and _____ µg/_____ of acetone.

Methodology: EPA Target Compound List By 8240, SW-846 November 1995, 3rd Edition

Certification No.: 10155
Units: ug/kg dry weight



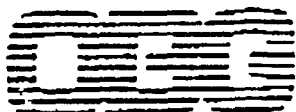
PRELIMINARY
DEC 1 1992

Volatile Organics
Method 8240

CLIENT BIASIANE & BOYD ENGINEERS PC JOB NO. 2337.036.517
DESCRIPTION PARKING LOT RESTAURANT EAST ST ROSA II

DATE COLLECTED 11/4/92 DATE RECEIVED 11/5/92 DATE ANALYZED 11/16/92

| DESCRIPTION: | CC TRIO BLANK | | | | |
|----------------------------|------------------|--|--|--|--|
| SAMPLE NO.: | 089106 | | | | |
| Chloromethane | 23 | | | | |
| Bromomethane | 1 | | | | |
| Vinyl chloride | | | | | |
| Chloroethane | ↓ | | | | |
| Methylene chloride | 23 | | | | |
| Acetone | 410 | | | | |
| Carbon disulfide | 23 | | | | |
| 1,1-Dichloroethane | ↓ | | | | |
| 1,1,2-Dichloroethane | | | | | |
| 1,2-Dichloroethane (total) | ↓ | | | | |
| Chloroform | | | | | |
| 1,2-Dichloroethane | ↓ | | | | |
| 2-Butanone | 410 | | | | |
| 1,1,1-Trichloroethane | 25 | | | | |
| Carbon tetrachloride | 23 | | | | |
| Vinyl acetate | 410 | | | | |
| Bromodichloromethane | 23 | | | | |
| 1,2-Dichloropropane | ↓ | | | | |
| cis-1,3-Dichloropropene | | | | | |
| Trichloroethene | ↓ | | | | |
| Dibromochloromethane | | | | | |
| 1,1,2-Trichloroethane | ↓ | | | | |
| Benzene | ↓ | | | | |



LABORATORIES, INC.

PRELIMINARY

DEC 1 1992

Volatile Organics
Method 8240

CLIENT BIASIAN AND BOUCH ENGINEERS P.C. JOB NO. 2887.026.517

DESCRIPTION PARKING LOT RESURFACING EAST ST AREA II

MATRIX: SOIL

DATE COLLECTED 11/4/92 DATE RECEIVED 11/5/92 DATE ANALYZED 11/16/92

| DESCRIPTION: | QC Trip | | | | |
|---------------------------|---------|--|--|--|--|
| SAMPLE NO.: | BLANK | | | | |
| | Q8906 | | | | |
| trans-1,3-Dichloropropene | <5 | | | | |
| Bromoform | <5 | | | | |
| 4-Methyl-2-pentanone | <10 | | | | |
| 2-Hexanone | <10 | | | | |
| Tetrachloroethane | <5 | | | | |
| 1,1,2,2-Tetrachloroethane | | | | | |
| Toluene | | | | | |
| Chlorobenzene | | | | | |
| Ethylbenzene | | | | | |
| Styrene | | | | | |
| Xylene (total) | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Comments: Elevated detection limits due to matrix interferences.

Values flagged with a "B" indicate the analyte was detected in the laboratory blank. The blank exhibited _____ µg/l of methylene chloride and _____ µg/l of acetone.

Methodology: EPA Target Compound List By 8240, SW-846 November 1986, 3rd Edition

Certification No.: 10155

Units: UG/L

Authorized: _____

Date: _____

DEC 1 1992

CLIENT DiStasio and Bouce Engineers, P.C.

JOB NO. 2887.026.517

DESCRIPTION PARKING LOT RESURFACING EAST ST. AREA II

Toxicity Characteristic Leaching Procedure

DATE COLLECTED

11/4/92

DATE RECEIVED

11/5/92

Description

Sample #

| | PR-ES- C1 (0-1') | PR-ES- C3 (2-3') | PR-ES- C5 (1-2') | PR-ES- C8 (1-2') | PR-ES- C10 (1-2') |
|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|
| | Q8973 | Q8974 | Q8975 | Q8976 | Q8977 |
| TCLP Volatile Organics: | | | | | |
| BENZENE | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| CARBON TETRACHLORIDE | ↓ | ↓ | ↓ | ↓ | ↓ |
| CHLOROBENZENE | ↓ | ↓ | ↓ | ↓ | ↓ |
| CHLOROFORM | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,2-DICHLOROETHANE | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,1-DICHLOROETHYLENE | ↓ | ↓ | ↓ | ↓ | ↓ |
| METHYL ETHYL KETONE | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| TETRACHLOROETHYLENE | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| TRICHLOROETHYLENE | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| VINYL CHLORIDE | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |

Analytical Records:

Date Leachate Created

11/9/92

Date Analyzed

11/13/92

11/11/92

Comments:

Certification No.:

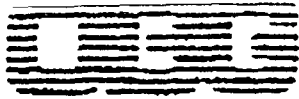
10155

Units:

mg/l

Authorized:

Date:



LABORATORIES, INC.

PRELIMINARY

DEC 1 1992

Laboratory Report

CLIENT BIASLAND AND BOUCE ENGINEERS, P.C.

JOB NO. 2887.02/0.517

DESCRIPTION PARKING LOT RESURFACING EAST ST AREA II

Toxicity Characteristic Leaching Procedure

DATE COLLECTED 11/4/92

DATE RECEIVED 11/5/92

Description

Sample #

RL-ES-
C12
(2-3')
08978

TCLP Volatile Organics:

BENZENE

<0.01

CARBON TETRACHLORIDE

CHLOROBENZENE

CHLOROFORM

E, Z-DICHLOROETHANE

1, 1-DICHLOROETHYLENE

METHYL ETHYL KETONE

<0.02

TETRACHLOROETHYLENE

<0.01

TRICHLOROETHYLENE

<0.01

VINYL CHLORIDE

<0.02

Analytical Records

Date Leachate Created

11/11/92

Date Analyzed

11/16/92

Comments:

Certification No.:

10155

Units:

mg/l

Authorized:

Date:



PRELIMINARY

DEC 1 1992

Laboratory Report

CLIENT Bladland, Bouck Cranes, P.C. JOB NO. 2887-026-517

DESCRIPTION Parking Lot Resurfacing East St Area 11

Material: Solid

DATE COLLECTED 11/4/92 DATE RECEIVED 11/5/92

| | PLR-ES- C1 (0-1') | C3 (2-3') | C5 (1-2') | C8 (1-2') | C10 (1-2') | C12 (2-3') |
|--------------------|----------------------|-----------|-----------|-----------|------------|------------|
| | Q8973 | Q8974 | Q8975 | Q8976 | Q8977 | Q8978 |
| <u>TCLP Metals</u> | | | | | | |
| As | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.1 |
| Ba | <10. | <10. | <10. | <10. | <10. | <10. |
| Cd | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Cr | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| Pb | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| Hg | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0005 |
| Se | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Ag | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |

Comments:

Certification No.: 10155

Units: mg/l

Authorized: _____

Date: _____



PRELIMINARY

Semivolatle Organics
Method 8270

DEC 1 1992

CLIENT BASLAND + Buck Engineers P.C

JOB NO. 2887.026.517

DESCRIPTION Parking Lot Resurfacing East St Area II

PLR-ES-1C1 (0-1')

MATRIX: Soil

SAMPLE NO. Q8960

DATE COLLECTED 11-4-92

DATE RECEIVED 11-5-92

DATE EXTRACTED 11-18-92

DATE ANALYZED 1-25-92

| | | | |
|-------------------------------|--------|----------------------------|--------|
| Phenol | < 700 | 4-Chloro-3-methylphenol | < 700 |
| Bis (2-chloroethyl) ether | | 2-Methylnaphthalene | |
| 2-Chlorophenol | | Hexachlorocyclopentadiene | |
| 1,3-Dichlorobenzene | | 2,4,6-Trichlorophenol | ✓ |
| 1,4-Dichlorobenzene | | 2,4,5-Trichlorophenol | < 3500 |
| Benzyl alcohol | | 2-Chloronaphthalene | < 700 |
| 1,2-Dichlorobenzene | | 2-Nitroaniline | < 3500 |
| 2-Methylphenol | | Dimethylphthalate | < 700 |
| Bis (2-chloroisopropyl) ether | | Acenaphthylene | |
| 4-Methylphenol | | 2,6-Dinitrotoluene | ↓ |
| N-Nitroso-di-n-propylamine | | 3-Nitroaniline | < 3500 |
| Hexachloroethane | | Acenaphthene | < 700 |
| Nitrobenzene | | 2,4-Dinitrophenol | < 3500 |
| Isophorone | | 4-Nitrophenol | < 3500 |
| 2-Nitrophenol | | Dibenzofuran | < 700 |
| 2,4-Dimethylphenol | | 2,4-Dinitrotoluene | |
| Benzoic acid | < 3500 | Diethylphthalate | ↓ |
| Bis (2-chloroethoxy) methane | < 700 | 4-Chlorophenyl-phenylether | ↓ |
| 2,4-Dichlorophenol | | Fluorene | ↓ |
| 1,2,4-Trichlorobenzene | | 4-Nitroaniline | < 3500 |
| Naphthalene | | 4,6-Dinitro-2-methylphenol | < 3500 |
| 4-Chloroaniline | | N-Nitrosodiphenylamine | < 700 |
| Hexachlorobutadiene | ✓ | 4-Bromophenyl-phenylether | < 700 |



PRELIMINARY

Semivolatile Organics Method 8270

DEC 1 1992

CLIENT Flagland - Buck Engineers P.C.

JOB NO. 2887.026.577

DESCRIPTION Rocking Lot resurfacing, East St. Area II
PLR-ES-C1 (0-1')

SAMPLE NO. 8960

DATE COLLECTED 11-4-92

DATE RECEIVED 11-5-92

DATE EXTRACTED 11-18-92

DATE ANALYZED 11-25-92

| | | | |
|------------------------|-------|------------------------------|------|
| Hexachlorobenzene | 4700 | Benzo (a) anthracene | 4700 |
| Pentachlorophenol | 43500 | Chrysene | |
| Phenanthrene | 4700 | Bis (2-ethylhexyl) phthalate | |
| Anthracene | | Di-n-octylphthalate | |
| Di-n-butylphthalate | | Benzo (b) fluoranthene | |
| Fluoranthene | | Benzo (k) fluoranthene | |
| Pyrene | | Benzo (a) pyrene | |
| Butylbenzylphthalate | | Indeno (1,2,3-cd) pyrene | |
| 3,3'-Dichlorobenzidine | 4150 | Dibenz (a,h) anthracene | |
| | | Benzo (g,h,i) perylene | |

Comments:

Elevated quantitation limits due to matrix complexity or interferences.

Values flagged with a "B" indicate the analyte was detected in the laboratory blank. The blank exhibited _____ µg/_____ (units) of bis(2-ethylhexyl)phthalate.

Values in parentheses are estimated values, detected, but below the quantitation limit.

Values flagged with an "E" are estimated values.

Methodology: EPA Target Compound List By 8270, SW-846
November 1988, 3rd Edition

Certification No.: 10155

Units:

ug/kg dry weight

Authorized: _____

Date: _____

DEC 1 1992

CLIENT Risland - Back Engineers P.C. JOB NO. 2887.026.517

DESCRIPTION Locking Lot Resurfacing East-st Area II
PLR-ES-C3(23) MATRIX: Soil

SAMPLE NO. 08961 DATE COLLECTED 11-4-92 DATE RECEIVED 11-5-92
DATE EXTRACTED 11-18-92 DATE ANALYZED 11-25-92

| | | | |
|-------------------------------|--------------|----------------------------|--------|
| Phenol | < 700 | 4-Chloro-3-methylphenol | < 700 |
| Bis (2-chloroethyl) ether | | 2-Methylnaphthalene | |
| 2-Chlorophenol | | Hexachlorocyclopentadiene | ✓ |
| 1,3-Dichlorobenzene | | 2,4,6-Trichlorophenol | |
| 1,4-Dichlorobenzene | | 2,4,5-Trichlorophenol | < 3500 |
| Benzyl alcohol | | 2-Chloronaphthalene | < 700 |
| 1,2-Dichlorobenzene | | 2-Nitroaniline | < 3500 |
| 2-Methylphenol | | Dimethylphthalate | < 700 |
| Bis (2-chloroisopropyl) ether | | Acenaphthylene | ✓ |
| 4-Methylphenol | | 2,6-Dinitrotoluene | |
| N-Nitroso-di-n-propylamine | | 3-Nitroaniline | < 3500 |
| Hexachloroethane | | Acenaphthene | < 700 |
| Nitrobenzene | | 2,4-Dinitrophenol | < 3500 |
| Isophorone | | 4-Nitrophenol | < 3500 |
| 2-Nitrophenol | | Dibenzofuran | < 700 |
| 2,4-Dimethylphenol | | 2,4-Dinitrotoluene | |
| Benzoic acid | < 3500 < 700 | Diethylphthalate | |
| Bis (2-chloroethoxy) methane | < 700 | 4-Chlorophenyl-phenylether | ✓ |
| 2,4-Dichlorophenol | | Fluorene | |
| 1,2,4-Trichlorobenzene | | 4-Nitroaniline | < 3500 |
| Naphthalene | | 4,6-Dinitro-2-methylphenol | < 3500 |
| 4-Chloroaniline | | N-Nitrosodiphenylamine | < 700 |
| Hexachlorobutadiene | ✓ | 4-Bromophenyl-phenylether | < 700 |



PRELIMINARY

DEC 1 1992

Semivolatile Organics Method 8270

CLIENT Blasland + Bouck Engineers P.C. JOB NO. 2887.026.517

DESCRIPTION Working lot resurfacing East St. Area II
DUR-ES-C3 (2-3')

SAMPLE NO. D2801-1 DATE COLLECTED 11-4-92 DATE RECEIVED 11-5-92
DATE EXTRACTED 11-18-92 DATE ANALYZED 11-25-92

| | | | |
|-----------------------|--------|------------------------------|-------|
| Hexachlorobenzene | < 700 | Benzo (a) anthracene | < 700 |
| Pentachlorophenol | < 3500 | Chrysene | |
| Phenanthrene | < 700 | Bis (2-ethylhexyl) phthalate | |
| Anthracene | | Di-n-octylphthalate | |
| Di-n-butylphthalate | | Benzo (b) fluoranthene | |
| Fluoranthene | | Benzo (k) fluoranthene | |
| Pyrene | | Benzo (a) pyrene | |
| Butylbenzylphthalate | | Indeno (1,2,3-cd) pyrene | |
| 1,3-Dichlorobenzidine | < 1000 | Dibenz (a,h) anthracene | |
| | | Benzo (g,h,i) perylene | |

Comments:

Elevated quantitation limits due to matrix complexity or interferences.

Values flagged with a "B" indicate the analyte was detected in the laboratory blank. The blank exhibited _____ µg/_____ (units) of bis(2-ethylhexyl)phthalate.

Values in parentheses are estimated values, detected, but below the quantitation limit.

Values flagged with an "E" are estimated values.

Methodology: EPA Target Compound List By 8270, SW-846
November 1984, 3rd Edition

Certification No.: 10155

Units: µg/kg dry weight

DEC 1 1992

CLIENT Gasland + Bock Engineers, P.C. JOB NO. 2887.026.517

DESCRIPTION Parking Lot resurfacing East st Area II
DLR-ES-C5 (1-2') MATRIX: Soil

SAMPLE NO. 08967 DATE COLLECTED 11-4-92 DATE RECEIVED 11-5-92

DATE EXTRACTED 11-18-92 DATE ANALYZED 1-25-92

| | | | |
|-------------------------------|--------|----------------------------|--------|
| Phenol | < 710 | 4-Chloro-3-methylphenol | < 710 |
| Bis (2-chloroethyl) ether | | 2-Methylnaphthalene | |
| 2-Chlorophenol | | Hexachlorocyclopentadiene | |
| 1,3-Dichlorobenzene | | 2,4,6-Trichlorophenol | |
| 1,4-Dichlorobenzene | | 2,4,5-Trichlorophenol | < 3500 |
| Benzyl alcohol | | 2-Chloronaphthalene | < 710 |
| 1,2-Dichlorobenzene | | 2-Nitroaniline | < 3500 |
| 2-Methylphenol | | Dimethylphthalate | < 710 |
| Bis (2-chloroisopropyl) ether | | Acenaphthylene | |
| 4-Methylphenol | | 2,5-Dinitrotoluene | |
| N-Nitroso-di-n-propylemine | | 3-Nitroaniline | < 3500 |
| Hexachloroethane | | Acenaphthene | < 710 |
| Nitrobenzene | | 2,4-Dinitrophenol | < 3500 |
| Isophorona | | 4-Nitrophenol | < 3500 |
| 2-Nitrophenol | | Dibenzofuran | < 710 |
| 2,4-Dimethylphenol | | 2,4-Dinitrotoluene | |
| Benzoic acid | < 3500 | Diethylphthalate | |
| Bis (2-chloroethoxy) methane | < 710 | 4-Chlorophenyl-phenylether | |
| 2,4-Dichlorophenol | | Fluorene | |
| 1,2,4-Trichlorobenzene | | 4-Nitroaniline | < 3500 |
| Naphthalene | | 4,6-Dinitro-2-methylphenol | < 3500 |
| 4-Chloroaniline | | N-Nitrosodiphenylamine | < 710 |
| Hexachlorobutadiene | | 4-Bromophenyl-phenylether | < 710 |



PRELIMINARY

Semivolatile Organics
Method 8270

DEC 1 1992

CLIENT Blasland-Buck Engineers P.C. JOB NO. 2887-626-517

DESCRIPTION Kirkling Lot resurfacing EAST St. Area II
PR-ES-25 (1-2')

SAMPLE NO. 08962 DATE COLLECTED 11-4-92 DATE RECEIVED 11-5-92
DATE EXTRACTED 11-18-92 DATE ANALYZED 11-25-92

| | | | |
|------------------------|--------|------------------------------|------|
| Hexachlorobenzene | < 710 | Benzo (a) anthracene | 2710 |
| Pentachlorophenol | < 3000 | Chrysene | |
| Phenanthrene | < 710 | Bis (2-ethylhexyl) phthalate | |
| Anthracene | | Di-n-octylphthalate | |
| Di-n-butylphthalate | | Benzo (b) fluoranthene | |
| Fluoranthene | | Benzo (k) fluoranthene | |
| Pyrene | | Benzo (a) pyrene | |
| Butylbenzylphthalate | | Indeno (1,2,3-cd) pyrene | |
| 3,3'-Dichlorobenzidine | < 1400 | Dibenz (a,h) anthracene | |
| | | Benzo (g,h,i) perylene | |

Comments:

Elevated quantitation limits due to matrix complexity or interferences.

Values flagged with a "B" indicate the analyte was detected in the laboratory blank. The blank exhibited _____ µg/_____ (units) of bis(2-ethylhexyl)phthalate.

Values in parentheses are estimated values, detected, but below the quantitation limit.

Values flagged with an "E" are estimated values.

Methodology: EPA Target Compound List By 8270, SW-846
November 1986, 3rd Edition

Certification No.: 10155

Units: ug/kg dry weight

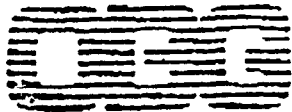
CLIENT Basford - Buck Engineers, P.C. JOB NO. 2887.026.517

DESCRIPTION Parking Lot resurfacing, East St. Area II
1 PLR-E3-C8 (1-2) MATRIX: Soil

SAMPLE NO. C28963 DATE COLLECTED 11-4-92 DATE RECEIVED 11-5-92

DATE EXTRACTED 11-18-92 DATE ANALYZED 1-25-92

| | | | |
|-------------------------------|--------|----------------------------|--------|
| Phenol | < 710 | 4-Chloro-3-methylphenol | < 710 |
| Bis (2-chloroethyl) ether | | 2-Methylnaphthalene | |
| 2-Chlorophenol | | Hexachlorocyclopentadiene | |
| 1,2-Dichlorobenzene | | 2,4,6-Trichlorophenol | ✓ |
| 1,4-Dichlorobenzene | | 2,4,5-Trichlorophenol | < 3500 |
| Benzyl alcohol | | 2-Chloronaphthalene | < 710 |
| 1,2-Dichlorobenzene | | 2-Nitroaniline | < 3500 |
| 2-Methylphenol | | Dimethylphthalate | < 710 |
| Bis (2-chloroisopropyl) ether | | Acenaphthylene | |
| 4-Methylphenol | | 2,6-Dinitrotoluene | ✓ |
| N-Nitroso-di-n-propylamine | | 3-Nitroaniline | < 3500 |
| Hexachloroethane | | Acenaphthene | < 710 |
| Nitrobenzene | ✓ | 2,4-Dinitrophenol | < 3500 |
| Isophorane | | 4-Nitrophenol | < 3500 |
| 2-Nitrophenol | ✓ | Dibenzofuran | < 710 |
| 2,4-Dimethylphenol | ✓ | 2,4-Dinitrotoluene | |
| Benzoic acid | < 3500 | Diethylphthalate | |
| Bis (2-chloroethoxy) methane | < 710 | 4-Chlorophenyl-phenylether | |
| 2,4-Dichlorophenol | ✓ | Fluorene | ✓ |
| 1,2,4-Trichlorobenzene | | 4-Nitroaniline | < 3500 |
| Naphthalene | | 4,5-Dinitro-2-methylphenol | < 3500 |
| 4-Chloroaniline | | N-Nitrosodiphenylamine | < 710 |
| Hexachlorobutadiene | ✓ | 4-Bromophenyl-phenylether | < 710 |



LABORATORIES, INC.

PRELIMINARY

DEC 1 1992

Semivolatile Organics Method 8270

CLIENT FLASLAND + Brock Engineers, P.C. JOB NO. 2887.026-517

DESCRIPTION Parking Lot Resurfacing East St. Area II
PLR-ES-C8 (1-2')

SAMPLE NO. 08963 DATE COLLECTED 11-4-92 DATE RECEIVED 11-5-92
DATE EXTRACTED 11-18-92 DATE ANALYZED 11-25-92

| | | | |
|------------------------|-------|------------------------------|-------|
| Hexachlorobenzene | < 710 | Benzo (a) anthracene | < 710 |
| Pentachlorophenol | < 350 | Chrysene | |
| Phenanthrene | < 710 | Bis (2-ethylhexyl) phthalate | |
| Anthracene | | Di-n-octylphthalate | |
| Di-n-butylphthalate | | Benzo (b) fluoranthene | |
| Fluoranthene | | Benzo (k) fluoranthene | |
| Pyrene | | Benzo (a) pyrene | |
| Butylbenzylphthalate | | Indeno (1,2,3-cd) pyrene | |
| 3,3'-Dichlorobenzidine | 21400 | Dibenz (a,h) anthracene | |
| | | Benzo (g,h,i) perylene | X |

Comments:

Elevated quantitation limits due to matrix complexity or interferences.

Values flagged with a "B" indicate the analyte was detected in the laboratory blank. The blank exhibited _____ µg/_____ (units) of bis(2-ethylhexyl)phthalate.

Values in parentheses are estimated values, detected, but below the quantitation limit.

Values flagged with an "E" are estimated values.

Methodology: EPA Target Compound List By 8270, SW-846
November 1986, 3rd Edition

Certification No.: 10155

Units: µg/kg dry weight



PRELIMINARY

Semivolatile Organics
Method 8270

DEC 1 1992

CLIENT BUSLAND - Back Engineers, P.C

JOB NO. 2887.026.517

DESCRIPTION Parking Lot Resurfacing East St Area II

PLR-ES-C10 (0-1')

MATRIX: Soil

SAMPLE NO. Q8964

DATE COLLECTED 11-4-92

DATE RECEIVED 11-5-92

DATE EXTRACTED 11-18-92

DATE ANALYZED 1-25-92

| | | | |
|-------------------------------|--------|----------------------------|--------|
| Phenol | < 720 | 4-Chloro-3-methylphenol | < 720 |
| Bis (2-chloroethyl) ether | | 2-Methylnaphthalene | |
| 2-Chlorophenol | | Hexachlorocyclopentadiene | |
| 1,3-Dichlorobenzene | | 2,4,6-Trichlorophenol | |
| 1,4-Dichlorobenzene | | 2,4,5-Trichlorophenol | < 3600 |
| Benzyl alcohol | | 2-Chloronaphthalene | < 720 |
| 1,2-Dichlorobenzene | | 2-Nitroaniline | < 3600 |
| 2-Methylphenol | | Dimethylphthalate | < 720 |
| Bis (2-chloroisopropyl) ether | | Acenaphthylene | |
| 4-Methylphenol | | 2,6-Dinitrotoluene | |
| N-Nitroso-di-n-propylamine | | 3-Nitroaniline | < 3600 |
| Hexachloroethane | | Acenaphthene | < 720 |
| Nitrobenzene | | 2,4-Dinitrophenol | < 3600 |
| Isophorone | | 4-Nitrophenol | < 3600 |
| 2-Nitrophenol | | Dibenzofuran | < 720 |
| 2,4-Dimethylphenol | | 2,4-Dinitrotoluene | |
| Benzoic acid | < 3600 | Diethylphthalate | |
| Bis (2-chloroethoxy) methane | < 720 | 4-Chlorophenyl-phenylether | |
| 2,4-Dichlorophenol | | Fluorene | |
| 1,2,4-Trichlorobenzene | | 4-Nitroaniline | < 3600 |
| Naphthalene | | 4,6-Dinitro-2-methylphenol | < 3600 |
| 4-Chloroaniline | | N-Nitrosodiphenylamine | < 720 |
| Hexachlorobutadiene | | 4-Bromophenyl-phenylether | < 720 |



PRELIMINARY

DEC 1 1992

Semivolatle Organics
Method 8270

CLIENT Blasland + Bouck Engineers P.C. JOB NO. 2587.026.517

DESCRIPTION Parking Lot resurfacing East St. Area II
PR-ES-C10(0-1')

SAMPLE NO. 08964 DATE COLLECTED 11-4-92 DATE RECEIVED 11-5-92
DATE EXTRACTED 11-18-92 DATE ANALYZED 11-25-92

| | | | |
|------------------------|--------|------------------------------|-------|
| Hexachlorobenzene | < 720 | Benzo (a) anthracene | < 720 |
| Pentachlorophenol | < 3600 | Chrysene | |
| Phenanthrene | < 720 | Bis (2-ethylhexyl) phthalate | |
| Anthracene | | Di-n-octylphthalate | |
| Di-n-butylphthalate | | Benzo (b) fluoranthene | |
| Fluoranthene | | Benzo (k) fluoranthene | |
| Pyrene | | Benzo (a) pyrene | |
| Butylbenzylphthalate | | Indeno (1,2,3-cd) pyrene | |
| 3,3'-Dichlorobenzidine | 1400 | Dibenz (a,h) anthracene | |
| | | Benzo (g,h,i) perylene | ✓ |

Comments:

Elevated quantitation limits due to matrix complexity or interferences.

Values flagged with a "B" indicate the analyte was detected in the laboratory blank. The blank exhibited _____ µg/_____ (units) of bis(2-ethylhexyl)phthalate.

Values in parentheses are estimated values, detected, but below the quantitation limit.

Values flagged with an "E" are estimated values.

Methodology: EPA Target Compound List By 8270, SW-846 November 1986, 3rd Edition

Certification No.: 10155

Units:

ug/kg dry weight



LABORATORIES, INC.

PRELIMINARY

DEC 1 1992

Semivolatile Organics Method 8270

CLIENT Basland + Bouck Engineers P.C. JOB NO. 2887-026-517

DESCRIPTION Parking Lot resurfacing EXST St. Area II
PR-ES-C12-(2-3') MATRIX: Soil

SAMPLE NO. 08965 DATE COLLECTED 11-4-92 DATE RECEIVED 11-5-92
DATE EXTRACTED 11-18-92 DATE ANALYZED 11-25-92

| | | | |
|-------------------------------|--------|----------------------------|--------|
| Phenol | < 710 | 4-Chloro-3-methylphenol | < 710 |
| Bis (2-chloroethyl) ether | | 2-Methylnapthalene | |
| 2-Chlorophenol | | Hexachlorocyclopentadiene | |
| 1,3-Dichlorobenzene | | 2,4,6-Trichlorophenol | |
| 1,4-Dichlorobenzene | | 2,4,5-Trichlorophenol | < 3500 |
| Benzyl alcohol | | 2-Chloronaphthalene | < 710 |
| 1,2-Dichlorobenzene | | 2-Nitroaniline | < 3500 |
| 2-Methylphenol | | Dimethylphthalate | < 710 |
| Bis (2-chloroisopropyl) ether | | Acenaphthylene | |
| 4-Methylphenol | | 2,6-Dinitrotoluene | |
| N-Nitroso-di-n-propylamine | | 3-Nitroaniline | < 3500 |
| Hexachloroethane | | Acenaphthene | < 710 |
| Nitrobenzene | | 2,4-Dinitrophenol | < 3500 |
| Isophorone | | 4-Nitrophenol | < 3500 |
| 2-Nitrophenol | | Dibenzofuran | < 710 |
| 2,4-Dimethylphenol | | 2,4-Dinitrotoluene | |
| Benzoic acid | < 3500 | Diethylphthalate | |
| Bis (2-chloroethoxy) methane | < 710 | 4-Chlorophenyl-phenylether | |
| 2,4-Dichlorophenol | | Fluorene | |
| 1,2,4-Trichlorobenzene | | 4-Nitroaniline | < 3500 |
| Naphthalene | | 4,6-Dinitro-2-methylphenol | < 3500 |
| 4-Chloroaniline | | N-Nitrosodiphenylamine | < 710 |
| Hexachlorobutadiene | | 4-Bromophenyl-phenylether | < 710 |



PRELIMINARY

DEC 1 1992

Semivolatile Organics
Method 8270

CLIENT BLASLAND-BUCK EXAMINERS, P.C. JOB NO. 2887-026-517

DESCRIPTION Parking Lot resurfacing East St. Area II
PLR-ES-C12 (2-3')

SAMPLE NO. 08965 DATE COLLECTED 11-4-92 DATE RECEIVED 11-5-92
DATE EXTRACTED 11-18-92 DATE ANALYZED 11-25-92

| | | | |
|------------------------|-------|------------------------------|------|
| Hexachlorobenzene | <710 | Benzo (a) anthracene | <710 |
| Pentachlorophenol | <3500 | Chrysene | |
| Phenanthrene | <710 | Bis (2-ethylhexyl) phthalate | |
| Anthracene | | Di-n-octylphthalate | |
| Di-n-butylphthalate | | Benzo (b) fluoranthene | |
| Fluoranthene | | Benzo (k) fluoranthene | |
| Pyrene | | Benzo (a) pyrene | |
| Butylbenzylphthalate | | Indeno (1,2,3-cd) pyrene | |
| 3,3'-Dichlorobenzidine | <1400 | Dibenz (a,h) anthracene | |
| | <1400 | Benzo (g,h,i) perylene | |

Comments:

Elevated quantitation limits due to matrix complexity or interferences.

Values flagged with a "B" indicate the analyte was detected in the laboratory blank. The blank exhibited _____ µg/_____ (units) of bis(2-ethylhexyl)phthalate.

Values in parentheses are estimated values, detected, but below the quantitation limit.

Values flagged with an "E" are estimated values. :

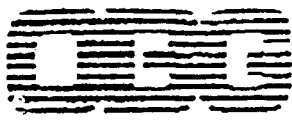
Methodology: EPA Target Compound List By 8270, SW-846
November 1988, 3rd Edition

Certification No.:

10155

Units:

µg/Kg dry weight.



LABORATORIES, INC.

PRELIMINARY

DEC 1 1992

Laboratory Report

CLIENT BLASLAND + Bouck Engineers, P.C.

JOB NO. 2887-026-517

DESCRIPTION Parking lot resurfacing East of AREA II

Toxicity Characteristic Leaching Procedure

MATRIX: TCLP Leachate

DATE COLLECTED 11-4-92

DATE RECEIVED 11-5-92

Description

Sample #

| PLR-ES-C1 (0-1') | PR-ES-C3 (2-3') | PR-ES-C5 (1-2') | PLR-ES-C8 (1-2') | PR-ES-C10 (1-2') | PR-ES-C1 (2-3') |
|---------------------|--------------------|--------------------|---------------------|---------------------|--------------------|
|---------------------|--------------------|--------------------|---------------------|---------------------|--------------------|

| | | | | | |
|-------|-------|-------|-------|-------|-------|
| Q8973 | Q8974 | Q8975 | Q8976 | Q8977 | Q8978 |
|-------|-------|-------|-------|-------|-------|

TCLP Semivolatile Organics:

| | | | | | | |
|-----------------------|------|------|------|------|------|------|
| o-CRESOL | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| m-CRESOL | | | | | | |
| p-CRESOL | | | | | | |
| CRESOL, TOTAL | | | | | | |
| 1,4-DICHLOROBENZENE | | | | | | |
| 2,4-DINITROCLUENE | | | | | | |
| HEXACHLOROBENZENE | | | | | | |
| HEXACHLOROBUTADIENE | | | | | | |
| HEXACHLOROETHANE | | | | | | |
| NITROBENZENE | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| PENTACHLOROPHENOL | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| PYRIDINE | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| 2,4,5-TRICHLOROPHENOL | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| 2,4,6-TRICHLOROPHENOL | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |

Analytical Record:

| | |
|-----------------------|----------|
| Date Leachate Created | 11-14-92 |
| Date Extracted | 11-20-92 |
| Date Analyzed | 11-24-92 |

Comments:

Certification No.: 10155

Units: mg/l

Authorized: _____

Date: _____



PRELIMINARY

DEC 1 1992

CYANIDE DISTILLATION & ANALYSIS LOG
 METHOD: 335.1/335.2 CLP-M*/9010

DATE: 11/30/92

PAGE 1 OF 2

BEGINNING ANALYSIS TIME: 9:30 ENDING ANALYSIS TIME: 9:50
 ICY: TRUE (0.100) FOUND 0.104 %R 104% ICB 40.01 CCS1 CCS2
 CCV1: TRUE (0.100) FOUND 0.107 %R 107% CCS3 CCS4 PB: 40.51
 CCV2: TRUE FOUND %R LCS# 432.2 T 0.20 F 0.197 %R 99.3
 CCV3: TRUE FOUND %R CORRELATION COEFFICIENT: 0.9993
 STD CURVE DATE: 11/11/92 CONC. S0 0.000 S1 0.001 S2 0.002 S3 0.003 S4 0.005 S5 0.010 S6
 MATRIX SPIKE: RUN # 13 SAMPLE # 089103 SOURCE: 200 mg/L 100% 100%
 RESULT: 0.149 / 0.155 X100% = 103%
 DUPLICATE: RUN # 12 SAMPLE # 089105 RESULT: 0.149 - 0.155 / - X100% = 103%

| RUN # | PROJECT # | SAMPLE # | DATE SAMPLE REC'D | PREP DATE | SAMPLE SIZE | ABS. | INITIAL CONC. (PPM) | DF | FINAL CONC. (PPM) | COM. |
|-------|-------------|----------|-------------------|-----------|-------------|-------|---------------------|----|-------------------|------------|
| 1 | 1012 | SC | | 11/11/92 | 250 mL | 0.000 | -0.003 | 1 | <0.01 | |
| 2 | | ICV | | | | 0.151 | 0.1044 | 1 | 0.104 | |
| 3 | | ICB | | | | 0.000 | -0.003 | 1 | <0.01 | |
| 4 | | PB | | | | 0.000 | -0.003 | 1 | <0.01 | |
| 5 | | LCS | | | | 0.193 | 0.1987 | 1 | 0.199 | |
| 6 | 2827.026-97 | 089100 | 11/11/92 | | 5g | 0.001 | -0.003 | 50 | <0.5 | PLR-ES-C1 |
| 7 | | 089101 | | | | 0.002 | -0.003 | 50 | <0.5 | PLR-ES-C3 |
| 8 | | 089102 | | | | 0.004 | 0.000 | 50 | <0.5 | PLR-ES-C5 |
| 9 | | 089103 | | | | 0.004 | 0.000 | 50 | <0.5 | PLR-ES-C8 |
| 10 | | 089104 | | | | 0.001 | -0.003 | 50 | <0.5 | PLR-ES-C6 |
| 11 | | 089105 | | | | 0.003 | -0.001 | 50 | <0.5 | PLR-ES-C12 |
| 12 | 1012 | 089100 | | | | 0.001 | -0.003 | 50 | <0.5 | |
| 13 | | 089103 | | | | 0.149 | 0.1020 | 50 | 5.14 | |
| 14 | | CCV1 | | | 25 mL | 0.155 | 0.1073 | 1 | 0.107 | |
| 15 | | CCB1 | | | | 0.000 | -0.003 | 1 | <0.01 | |

AGENT AND/OR LOT'S

1.25 N NaOH 21.00
 H2SO4 2409 KJDC
 2 2402 120105
 H2PO4 21.57
 amine-T 2704
 Pyridine-barbituric 21.99
 CN 2402 10881 KJDC

ANALYZED BY: Ann. r. Woods
 REVIEWED BY: CRB



BLASLAND & BOUCK ENGINEERS, P.C.
 6723 Tow Path Road, Box 66, Syracuse, New York 13214
 (315) 446-9120

CHAIN OF CUSTODY RECORD

BRUCE EULIAN
 BLASLAND & BOUCK ENGINEERS
 C/O GE POWER TRANSFORMER DEPT.
 MAIL CODE D-32
 100 WOODLAWN AVE.
 PITTSFIELD, MA 01201
 CC: ROBERT RHOADES
 BLASLAND & BOUCK ENGINEERS
 6723 TOWPATH RD.
 SYRACUSE, NY 13214

Method 1311
 WETTED

| LAB ID | CUSTODY TAPE NUMBER | DATE | TIME | COMP. | GRAB | SAMPLE TYPE | | | NO. OF CONTAINERS | PCBS METHOD 8080 | VMS METHOD 8440 | SEMI-VOLATILES METHOD 8270 | PHENOL METHOD 8040 | CYANIDE METHOD 9010 | TRUPTON METHOD OR RESIDUES METHOD 1311 | REMARKS |
|------------|---------------------|---------|------|-------|------|-------------|-----|-------|-------------------|------------------|-----------------|----------------------------|--------------------|---------------------|--|--------------------|
| | | | | | | SOLID | WPE | WATER | | | | | | | | |
| PR-ES-C1 | (0-1) | 11-4-92 | 1120 | | X | X | | | 2 | X | X | X | X | X | X | |
| PR-ES-C2 | (1-2) | 11-4-92 | 1115 | | X | X | | | 1 | X | | | | | | *NORMAL TURNROUND* |
| PR-ES-C3 | (2-3) | 11-4-92 | 1130 | | X | X | | | 2 | X | X | X | X | X | X | |
| PR-ES-C4 | (0-1) | 11-4-92 | 1145 | | X | X | | | 1 | X | | | | | | |
| PR-ES-C5 | (1-2) | 11-4-92 | 1200 | | X | X | | | 2 | X | X | X | X | X | X | |
| PR-ES-C6 | (2-3) | 11-4-92 | 1215 | | X | X | | | 1 | X | | | | | | |
| PR-ES-C7 | (0-1) | 11-4-92 | 1230 | | X | X | | | 1 | X | | | | | | |
| PR-ES-C8 | (1-2) | 11-4-92 | 1245 | | X | X | | | 2 | X | X | X | X | X | X | |
| PR-ES-C9 | (2-3) | 11-4-92 | 1300 | | X | X | | | 1 | X | | | | | | |
| PR-ES-C10 | (0-1) | 11-4-92 | 1315 | | X | X | | | 2 | X | X | X | X | X | X | |
| PR-ES-C11 | (1-2) | 11-4-92 | 1330 | | X | X | | | 1 | X | | | | | | |
| PR-ES-C12 | (2-3) | 11-4-92 | 1345 | | X | X | | | 2 | X | X | X | X | X | X | |
| TORR BLANK | | 11-4-92 | | | | | | | 1 | X | | | | | | |

PROJECT NO. 1017517
 PROJECT NAME PARKING LOT RESURFACING
 EAST ST AREA II

SAMPLED BY: (SIGNATURE) [Signature]
 DATE/TIME 11/4/92 1100 to 1345
 RECEIVED BY: (SIGNATURE)
 DATE/TIME
 RELINQUISHED BY: (SIGNATURE)
 DATE/TIME
 RECEIVED FOR LABORATORY BY: (SIGNATURE)
 DATE/TIME
 REMARKS SENT TO O&G STACUSE
 FED EX # 4821950943

APPENDIX J, SECTION C-46



3583

PRELIMINARY
JAN 22 1992

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520
 DESCRIPTION G.E., Pittsfield Job No. 101-75-22
Between Bldgs. 6 & 19 Steamline Excavation Sampling
 Date Analyzed 1/20/92 DATE COLLECTED See Below DATE RECEIVED 1/16/92

| Lab ID NO. | DATE EXTRACTED | DATE SAMPLED | SCREEN VALUE | PCTS | PCB | COMMENTS | QC RESULTS |
|--------------------------|----------------|--------------|--------------|------|--------------|----------|------------|
| 6-19-SL-C1 | 1/20/92 | 1/15/92 | 1.1 | 90 | 1.2 | soil | A |
| -C2 | ↓ | ↓ | 1.9 | 89 | 2.1 | ↓ | ↓ |
| -C3 | ↓ | ↓ | 1.5 | 88 | 1.7 | ↓ | ↓ |
| -C4 | ↓ | ↓ | <1 (.540) | | <1 | brick | ↓ |
| -C5 | ↓ | ↓ | <1 (.210) | | <1 | concrete | ↓ |
| | | | | | <1 | | |
| A) Reagent Blank 1: | | | | | | | |
| Reference Sample 1: | | | | | 2.8/3.3 = | 84% | |
| Matrix Spike 6-19-SL-C2: | | | | | 2.9/3.3 = | 88% | |
| Matrix Spike Duplicate: | | | | | 2.7/3.3 = | 82% | |
| Precision: | | | | | 2.9 vs 2.7 = | 7.1% RPD | |

Comments:

Certification No.:

Units: ug/g = ppm

Authorized: _____

Date: _____



Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520
 DESCRIPTION G.E., Pittsfield, MA B&B Job No. 101.75.22
Between Bldgs. 6 & 19 Steamline Excavation Sampling
 Date Analyzed 1-20,21-92 DATE COLLECTED See Below DATE RECEIVED 1-16-92

| LAB ID NO. | DATE SAMPLED | PCB | COMMENTS | QC RESULTS |
|-------------------------|--------------|------------------------|--------------|------------|
| 6-19-SL-C1 | 1-15-92 | 1.2 | soil* | A |
| 6-19-SL-C2 | ↓ | 2.1 | ↓ brick** | ↓ |
| 6-19-SL-C3 | | 1.7 | | |
| 6-19-SL-C4 | | <1. | | |
| 6-19-SL-C5 | | <1. | | |
| | | | | |
| A) Reagent Blank 1 | | <1. | | |
| Reference Sample 1 | | 2.8/3.3 = 84% | | |
| Matrix Spike 6-19-SL-C2 | | 2.9/3.3 = 88% | | |
| Matrix Spike Duplicate | | 2.7/3.3 = 82% | | |
| Precision | | 2.9 vs. 2.7 RPD = 7.1% | | |

Comments:

Certification No.: NY034

Units: *mg/kg dry weight
 **mg/kg original weight

Authorized: Anthony Cusano

Date: February 13, 1992

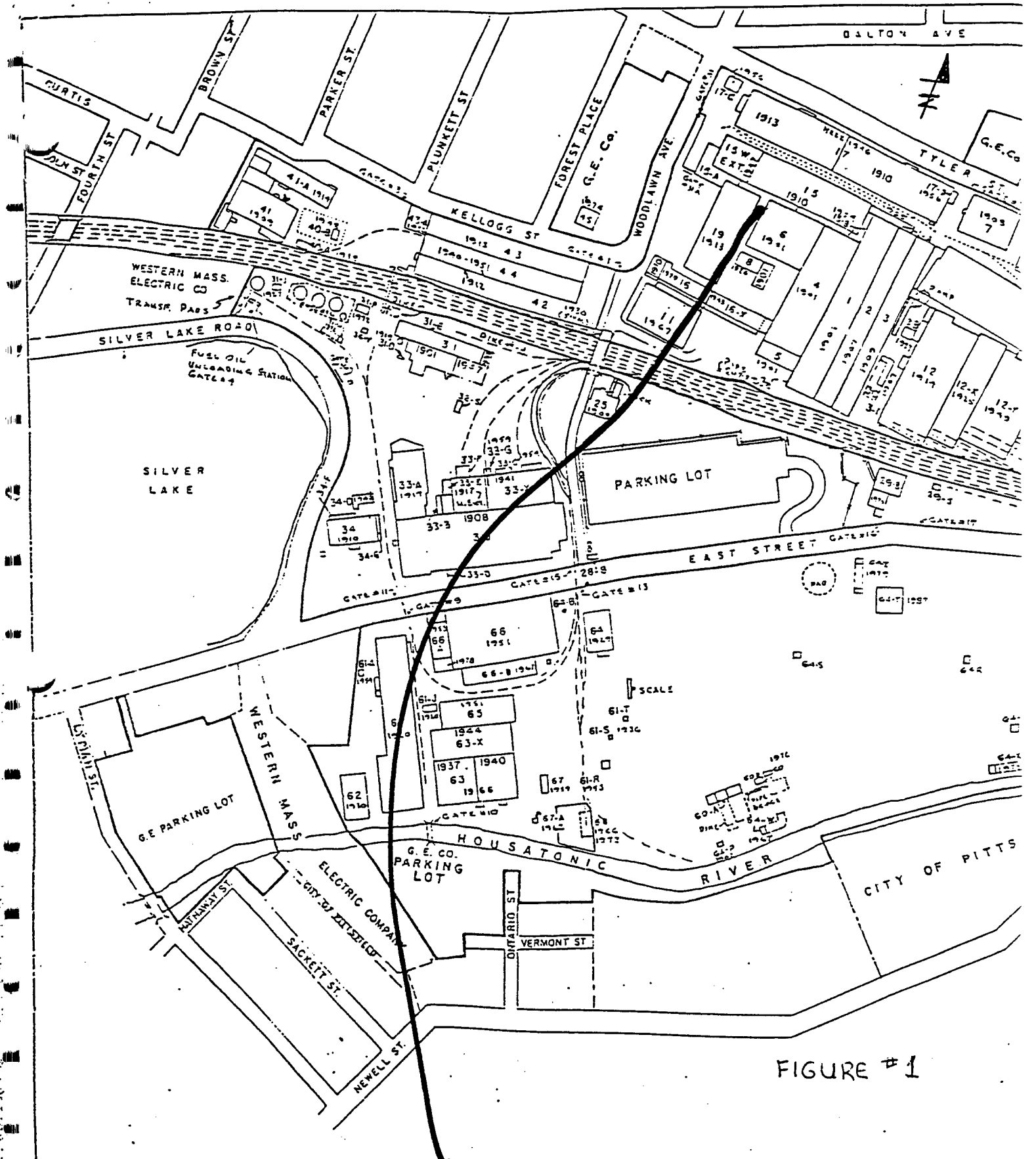


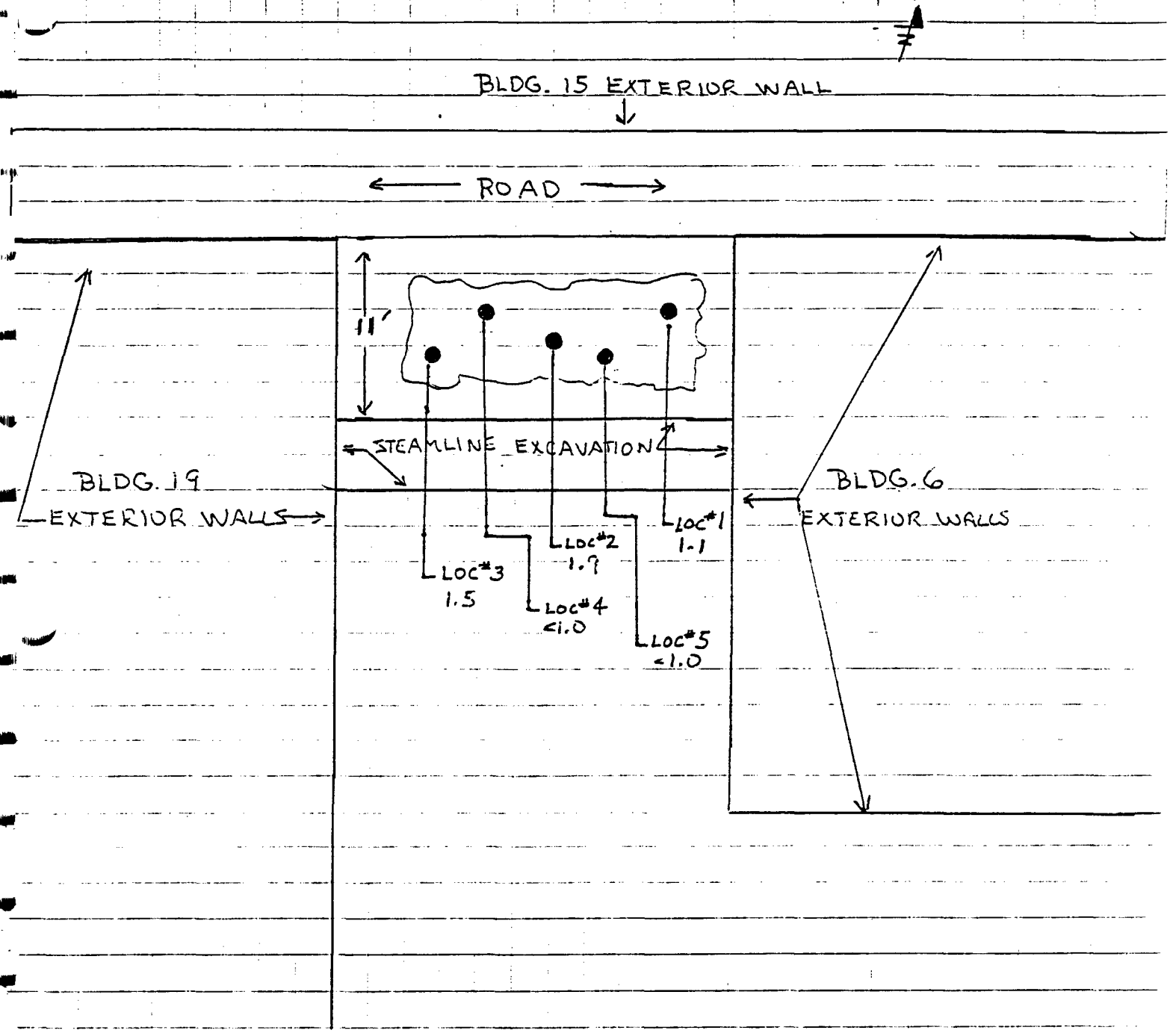
FIGURE #1

SITE LOCATION

| | | | | |
|-------------------------------|-----------|-----|---------|--------|
| PROJECT BETWEEN BLDGS. 6 & 19 | PROJ. NO. | BY | DATE | SHEET |
| STEAMLINE EXCAVATION SAMPLING | 101-75-22 | AGP | 1-15-92 | 1 of 1 |

NOT TO SCALE

FIGURE #2



NOTES:

ALL SAMPLE RESULTS ARE REPORTED
IN PPM TOTAL PCB

APPENDIX J, SECTION C-48

DELIVERED TO
GRANT BOWMAN (GE)
11-7-90

BLASLAND AND BOUCK ENGINEERS P.C.

To: Files
From: Bruce Eulian
Re: Bldg. 11 Steamline Sampling (MCP)

Date: 10/11/90
File No: 101-98-11
cc: Grant Bowman (GE)

The following is a summary of the sample results for the PCB sampling program conducted outside Bldg. 11. A drawing showing the sample location is attached (see figure 1). An analytical Report provided by DBG Laboratories has also been included.

PCB SAMPLING RESULTS METHOD 8080

| LAB ID | TOTAL PCB PPM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH | SAMPLE DATE |
|-----------|------------------|-----------------|-----------------|---------------|--------------|-------------|
| 11-SLS-C1 | 1.9 | 1 | SOIL | DISCRETE-CORE | 0'-2' | 09/27/90 |
| 11-SLS-C2 | 1.4 | 1 | SOIL | DISCRETE-CORE | 2'-4' | 09/27/90 |
| 11-SLS-C3 | 1.4 | 2 | SOIL | DISCRETE-GRAB | 0'-2' | 09/27/90 |
| 11-SLS-C4 | 7.3 | 2 | SOIL | DISCRETE-GRAB | 2'-4' | 09/27/90 |
| 11-SLS-C5 | 4.5 | 3 | SOIL | DISCRETE-GRAB | 0'-2' | 09/27/90 |
| 11-SLS-C6 | 4.5 | 3 | SOIL | DISCRETE-GRAB | 2'-4' | 09/27/90 |
| 11-SLS-C7 | 4.5 | 4 | ASPHALT | DISCRETE-GRAB | 0'-4" | 09/27/90 |
| 11-SLS-C8 | 1.3 | 5 | ASPHALT | DISCRETE-GRAB | 0'-4" | 09/27/90 |
| 11-SLS-C9 | 3.1 | 6 | ASPHALT | DISCRETE-GRAB | 0'-4" | 09/27/90 |

VOC SAMPLING RESULTS METHOD 8240

| LAB ID | TOTAL PCB PPM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH | SAMPLE DATE |
|------------|-----------------------|-----------------|-----------------|---------------|--------------|-------------|
| 11-SLS-C10 | see DBG Lab Report | 1 | SOIL | DISCRETE-CORE | 0'-2' | 09/28/90 |
| 11-SLS-C11 | see DBG Lab Report | 1 | SOIL | DISCRETE-CORE | 2'-4' | 09/28/90 |
| 11-SLS-C12 | see DBG Lab Report | 2 | SOIL | DISCRETE-GRAB | 0'-2' | 09/28/90 |
| 11-SLS-C13 | see DBG Lab Report | 2 | SOIL | DISCRETE-GRAB | 2'-4' | 09/28/90 |

VOC SAMPLING RESULTS METHOD 8240

| LAB ID | TOTAL PCB PPM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH | SAMPLE DATE |
|------------|-----------------------|-----------------|-----------------|---------------|--------------|-------------|
| 11-SLS-C14 | see OBG Lab Report | 3 | SOIL | DISCRETE-GRAB | 0'-2' | 09/28/90 |
| 11-SLS-C15 | see OBG Lab Report | 3 | SOIL | DISCRETE-GRAB | 2'-4' | 09/28/90 |

SEMI-VOLATILES SAMPLING RESULTS METHOD 8270

| LAB ID | TOTAL PCB PPM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH | SAMPLE DATE |
|------------|-----------------------|-----------------|-----------------|---------------|--------------|-------------|
| 11-SLS-C10 | see OBG Lab Report | 1 | SOIL | DISCRETE-CORE | 0'-2' | 09/28/90 |
| 11-SLS-C11 | see OBG Lab Report | 1 | SOIL | DISCRETE-CORE | 2'-4' | 09/28/90 |
| 11-SLS-C12 | see OBG Lab Report | 2 | SOIL | DISCRETE-GRAB | 0'-2' | 09/28/90 |
| 11-SLS-C13 | see OBG Lab Report | 2 | SOIL | DISCRETE-GRAB | 2'-4' | 09/28/90 |
| 11-SLS-C14 | see OBG Lab Report | 3 | SOIL | DISCRETE-GRAB | 0'-2' | 09/28/90 |
| 11-SLS-C15 | see OBG Lab Report | 3 | SOIL | DISCRETE-GRAB | 2'-4' | 09/28/90 |

PRELIMINARY

CLIENT BLASLAND BOUCK ENGINEERS, P.C. JOB NO. 2887-026-517

DESCRIPTION STEAMLINE BLDG 11 GE PITTSFIELD
11-565-C15 Soil

SAMPLE NO. 40729 DATE COLLECTED 09/27/90 DATE RECEIVED 10/01/90

DATE EXTRACTED 10/09/90 DATE ANALYZED 10/15/90

Hexachlorobenzene
Pentachlorophenol
Phenanthrene
Anthracene
Di-n-butylphthalate
Fluoranthene
Pyrene
Butylbenzylphthalate
3,3'-Dichlorobenzidine

↳340
↳1700
↳340
↓
↳690

Benzo (a) anthracene
Chrysene
Bis (2-ethylhexyl) phthalate
Di-n-octylphthalate
Benzo (b) fluoranthene
Benzo (k) fluoranthene
Benzo (a) pyrene
Indeno (1,2,3-cd) pyrene
Cibenz (a,h) anthracene
Benzo (g,h,i) perylene

↳340
↓

Comments:

check this doc

Methodology: EPA Target Compound List By 8270, SW-36
November 1986, 3rd Edition

Certification No.: NY034

Units: $\mu\text{g}/\text{kg}$ dry weight

~~Values reported in parentheses are estimated values, detected, but below the quantitative limit.~~

~~Elevated detection limits due to matrix interferences.~~



Semivolatile Organics Method 8270

PRELIMINARY

CLIENT BLASIANO BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517

DESCRIPTION STEAMLINE BLDG 11 GE PITTSFIELD

11-3LS-C15 Soil

SAMPLE NO. 40729 DATE COLLECTED 09/27/90 DATE RECEIVED 10/01/90

DATE EXTRACTED 10/03/90 DATE ANALYZED 10/15/90

| | | | |
|-------------------------------|-------|----------------------------|-------|
| Phenol | 2340 | 4-Chloro-3-methylphenol | 2340 |
| Bis (2-chloroethyl) ether | | 2-Methylnaphthalene | |
| 2-Chlorophenol | | Hexachlorocyclopentadiene | |
| 1,3-Dichlorobenzene | | 2,4,6-Trichlorophenol | |
| 1,4-Dichlorobenzene | | 2,4,5-Trichlorophenol | 21700 |
| Benzyl alcohol | | 2-Chloronaphthalene | 2340 |
| 1,2-Dichlorobenzene | | 2-Nitroaniline | 21700 |
| 2-Methylphenol | | Dimethylphthalate | 2340 |
| Bis (2-chloroisopropyl) ether | | Acenaphthylene | |
| 4-Methylphenol | | 2,6-Dinitrotoluene | |
| N-Nitroso-di-n-propylamine | | 3-Nitroaniline | 21700 |
| Hexachloroethane | | Acenaphthene | 2340 |
| Nitrobenzene | | 2,4-Dinitrophenol | 21700 |
| Isophorone | | 4-Nitrophenol | 21700 |
| 2-Nitrophenol | | Dibenzofuran | 2340 |
| 2,4-Dimethylphenol | | 2,4-Dinitrotoluene | |
| Benzoic acid | 21700 | Diethylphthalate | |
| Bis (2-chloroethoxy) methane | 2340 | 4-Chlorophenyl-phenylether | |
| 2,4-Dichlorophenol | | Fluorene | |
| 1,2,4-Trichlorobenzene | | 4-Nitroaniline | 21700 |
| Naphthalene | | 4,6-Dinitro-2-methylphenol | 21700 |
| 4-Chloroaniline | | N-Nitrosodiphenylamine | 2340 |
| Hexachlorobutadiene | | 4-Bromophenyl-phenylether | 2340 |



Semivolatile Organics Method 8270

PRELIMINARY

CLIENT BLASLAND / BOUCK ENGINEERS, P.C. JOB NO. 2887-026.517
 DESCRIPTION STEAMLINE BLOG 11 GE PITTSFIELD
11-365-C14, soil
 SAMPLE NO. 40728 DATE COLLECTED 09/27/90 DATE RECEIVED 10/01/90
 DATE EXTRACTED 10/09/90 DATE ANALYZED 10/15/90

| | | | |
|------------------------|-------|------------------------------|------|
| Hexachlorobenzene | <340 | Benzo (a) anthracene | <340 |
| Pentachlorophenol | <1700 | Chrysene | |
| Phenanthrene | <340 | Bis (2-ethylhexyl) phthalate | |
| Anthracene | | Di-n-octylphthalate | |
| Di-n-butylphthalate | | Benzo (b) fluoranthene | |
| Fluoranthene | | Benzo (k) fluoranthene | |
| Pyrene | | Benzo (a) pyrene | |
| Butylbenzylphthalate | | Indeno (1,2,3-cd) pyrene | |
| 3,3'-Dichlorobenzidine | <690 | Dibenz (a,h) anthracene | |
| | | Benzo (ghi) perylene | |

Comments:

check this Doc

Methodology: EPA Target Compound List By 8270. SW-846
November 1988, 3rd Edition

Certification No.: NY034

Units: $\mu\text{g}/\text{kg}$ dry weight

~~Values reported in parentheses are estimated values, detected, but below the quantization limit.~~

~~Elevated detection limits due to matrix interferences.~~



Semivolatile Organics Method 8270

PRELIMINARY

CLIENT BLASIANO BOUICK ENGINEERS, P.C. JOB NO. 2887.026.517

DESCRIPTION STEAMLINE BLDG 11 G.E. PITTSFIELD
11-565-C14 Soil

SAMPLE NO. L0728 DATE COLLECTED 09/27/90 DATE RECEIVED 10/01/90

DATE EXTRACTED 10/03/90 DATE ANALYZED 10/15/90

| | | | |
|-------------------------------|-------|----------------------------|-------|
| Phenol | 2340 | 4-Chloro-3-methylphenol | 2340 |
| Bis (2-chloroethyl) ether | | 2-Methylnaphthalene | |
| 2-Chlorophenol | | Hexachlorocyclopentadiene | |
| 1,3-Dichlorobenzene | | 2,4,6-Trichlorophenol | |
| 1,4-Dichlorobenzene | | 2,4,5-Trichlorophenol | 21700 |
| Benzyl alcohol | | 2-Chloronaphthalene | 2340 |
| 1,2-Dichlorobenzene | | 2-Nitroaniline | 21700 |
| 2-Methylphenol | | Dimethylphthalate | 2340 |
| Bis (2-chloroisopropyl) ether | | Acenaphthylene | |
| 4-Methylphenol | | 2,6-Dinitrotoluene | |
| N-Nitrosodi-n-propylamine | | 3-Nitroaniline | 21700 |
| Hexachloroethane | | Acenaphthene | 2340 |
| Nitrobenzene | | 2,4-Dinitrophenol | 21700 |
| Isophorone | | 4-Nitrophenol | 21700 |
| 2-Nitrophenol | | Dibenzofuran | 2340 |
| 2,4-Dimethylphenol | | 2,4-Dinitrotoluene | |
| Benzoic acid | 21700 | Diethylphthalate | |
| Bis (2-chloroethoxy) methane | 2340 | 4-Chlorophenyl-phenylether | |
| 2,4-Dichlorophenol | | Fluorene | |
| 1,2,4-Trichlorobenzene | | 4-Nitroaniline | 21700 |
| Naphthalene | | 4,6-Dinitro-2-methylphenol | 21700 |
| 4-Chloroaniline | | N-Nitrosodiphenylamine | 2340 |
| Hexachlorobutadiene | | 4-Bromophenyl-phenylether | 2340 |



Semivolatile Organics Method 8270

PRELIMINARY

CLIENT BLASLAND / BOUCK ENGINEERS, P.C. JOB NO. 2887-026-517
 DESCRIPTION STEAMLINE BLDG 11 GF PITTSFIELD
11-365-C13, Soil
 SAMPLE NO. L0727 DATE COLLECTED 09/27/90 DATE RECEIVED 10/01/90
 DATE EXTRACTED 10/09/90 DATE ANALYZED 10/15/90

| | | | |
|------------------------|-------|------------------------------|------|
| Hexachlorobenzene | <360 | Benzo (a) anthracene | <360 |
| Pentachlorophenol | <1800 | Chrysene | |
| Phenanthrene | <360 | Bis (2-ethylhexyl) phthalate | |
| Anthracene | | Di-n-octylphthalate | |
| Di-n-butylphthalate | | Benzo (b) fluoranthene | |
| Fluoranthene | | Benzo (k) fluoranthene | |
| Pyrene | | Benzo (a) pyrene | |
| Butylbenzylphthalate | | Indeno (1,2,3-cd) pyrene | |
| 3,3'-Dichlorobenzidine | <720 | Dibenz (a,h) anthracene | |
| | | Benzo (g,h,i) perylene | |

Comments:

Methodology: EPA Target Compound List By 8270, SW-846
November 1988, 3rd Edition

check this Doc

Certification No: NYC34

Units: $\mu\text{g}/\text{kg}$

~~Values reported in parentheses are estimated values, detected, but below the quantitation limit.~~

~~Elevated detection limits due to matrix interferences.~~

Page 2 of 2

Authorized: _____

Date: _____



PRELIMINARY

Semivolatile Organics Method 8270

CLIENT BLASIANO BOUCK ENGINEERS, P.C. JOB NO. 2387-036-517
 DESCRIPTION STEAMLINE BLDG 11 GE PITTSFIELD
11-565-C13, Soil
 SAMPLE NO. L0727 DATE COLLECTED 09/27/90 DATE RECEIVED 10/01/90
 DATE EXTRACTED 10/07/90 DATE ANALYZED 10/15/90

| | | | |
|-------------------------------|-------|----------------------------|-------|
| Phenol | <360 | 4-Chloro-3-methylphenol | <360 |
| Bis (2-chloroethyl) ether | | 2-Methylnaphthalene | |
| 2-Chlorophenol | | Hexachlorocyclopentadiene | |
| 1,3-Dichlorobenzene | | 2,4,6-Trichlorophenol | |
| 1,4-Dichlorobenzene | | 2,4,5-Trichlorophenol | <1800 |
| Benzyl alcohol | | 2-Chloronaphthalene | <360 |
| 1,2-Dichlorobenzene | | 2-Nitroaniline | <1800 |
| 2-Methylphenol | | Dimethylphthalate | <360 |
| Bis (2-chloroisopropyl) ether | | Acenaphthylene | |
| 4-Methylphenol | | 2,5-Dinitrotoluene | |
| N-Nitroso-di-n-propylamine | | 3-Nitroaniline | <1800 |
| Hexachloroethane | | Acenaphthene | <360 |
| Nitrobenzene | | 2,4-Dinitrophenol | <1800 |
| Isophorone | | 4-Nitrophenol | <1800 |
| 2-Nitrophenol | | Dibenzofuran | <360 |
| 2,4-Dimethylphenol | | 2,4-Dinitrotoluene | |
| Benzoic acid | <1800 | Diethylphthalate | |
| Bis (2-chloroethoxy) methane | <360 | 4-Chlorophenyl-phenylether | |
| 2,4-Dichlorophenol | | Fluorene | |
| 1,2,4-Trichlorobenzene | | 4-Nitroaniline | <1800 |
| Naphthalene | | 4,6-Dinitro-2-methylphenol | <1800 |
| 4-Chloroaniline | | N-Nitrosodiphenylamine | <360 |
| Hexachlorobutadiene | | 4-Bromophenyl-phenylether | <360 |



Semivolatile Organics Method 8270

PRELIMINARY

CLIENT BLASLAND / BOUCK ENGINEERS P.C. JOB NO. 2887-026-517
 DESCRIPTION STEAMLINE BLDG 11 GF PITTSFIELD
11-SLS-C12, Soil
 SAMPLE NO. L0726 DATE COLLECTED 09/27/90 DATE RECEIVED 10/01/90
 DATE EXTRACTED 10/01/90 DATE ANALYZED 10/15/90

| | | | |
|------------------------|-------|------------------------------|------|
| Hexachlorobenzene | 4350 | ✓ Benzo (a) anthracene | 430 |
| Pentachlorophenol | <1700 | ✓ Chrysene | 450 |
| Phenanthrene | 4350 | Bis (2-ethylhexyl) phthalate | 4350 |
| Anthracene | ↓ | Di-n-octylphthalate | <350 |
| Di-n-butylphthalate | ↓ | ✓ Benzo (b) fluoranthene | 560 |
| ✓ Fluoranthene | 720 | ✓ Benzo (k) fluoranthene | 420 |
| ✓ Pyrene | 820 | ✓ Benzo (a) pyrene | 500 |
| Butylbenzylphthalate | 4350 | Indeno (1,23-cd) pyrene | 4350 |
| 3,3'-Dichlorobenzidine | <700 | Dibenz (a,h) anthracene | ↓ |
| | | Benzo (g,h,i) perylene | ↓ |

Comments:

Methodology: EPA Target Compound List By 8270. SW-846
November 1988, 3rd Edition

check this Doc Certification No: NY034
 Units: µg/kg dry weight

~~Values reported in parentheses are estimated values, detected, but below the quantitation limit.~~

~~Elevated detection limits due to matrix interferences.~~



PRELIMINARY

Semivolatile Organics Method 8270

CLIENT BLASIANO BOUCK ENGINEERS, P.C. JOB NO. 2387-036.517

DESCRIPTION STEAMLINE BLDG 11 GE PITTSFIELD
11-343-C12 Soil

SAMPLE NO. 40726 DATE COLLECTED 09/27/90 DATE RECEIVED 10/01/90
DATE EXTRACTED 10/08/90 DATE ANALYZED 10/15/90

| | | | |
|-------------------------------|-------|----------------------------|-------|
| Phenol | <350 | 4-Chloro-3-methylphenol | <350 |
| Bis (2-chloroethyl) ether | | 2-Methylnaphthalene | |
| 2-Chlorophenol | | Hexachlorocyclooctadiene | |
| 1,3-Dichlorobenzene | | 2,4,6-Trichlorophenol | |
| 1,4-Dichlorobenzene | | 2,4,5-Trichlorophenol | <1700 |
| Benzyl alcohol | | 2-Chloronaphthalene | <350 |
| 1,2-Dichlorobenzene | | 2-Nitroaniline | <1700 |
| 2-Methylphenol | | Dimethylphthalate | <350 |
| Bis (2-chloroisopropyl) ether | | Acenaphthylene | |
| 4-Methylphenol | | 2,6-Dinitrotoluene | |
| N-Nitroso-di-n-propylamine | | 3-Nitroaniline | <1700 |
| Hexachloroethane | | Acenaphthene | <350 |
| Nitrobenzene | | 2,4-Dinitrophenol | <1700 |
| Isopropone | | 4-Nitrophenol | <1700 |
| 2-Nitrophenol | | Dibenzofuran | <350 |
| 2,4-Dimethylphenol | | 2,4-Dinitrotoluene | |
| Benzoic acid | <1700 | Diethylphthalate | |
| Bis (2-chloroethoxy) methane | <350 | 4-Chlorophenyl-phenylether | |
| 2,4-Dichlorophenol | | Fluorene | |
| 1,2,4-Trichlorobenzene | | 4-Nitroaniline | <1700 |
| Naphthalene | | 4,6-Dinitro-2-methylphenol | <1700 |
| 4-Chloroaniline | | N-Nitrosodiphenylamine | <350 |
| Hexachlorobutadiene | | 4-Bromophenyl-phenylether | <350 |



Semivolatile Organics Method 8270

PRELIMINARY

CLIENT BLASLAND / BOUCK ENGINEERS, P.C. JOB NO. 2887-026.517
 DESCRIPTION STEAMLINE BLDG 11 GE PITTSFIELD
11-SLS-C11 Soil
 SAMPLE NO. L0725 DATE COLLECTED 09/27/90 DATE RECEIVED 10/01/90
 DATE EXTRACTED 10/09/90 DATE ANALYZED 10/15/90

| | | | | |
|------------------------|-------|------------------------------|------------------------|--|
| Hexachlorobenzene | 4340 | Benzo (a) anthracene | 4340 | |
| Pentachlorophenol | 41700 | Chrysene | | |
| Phenanthrene | 4340 | Bis (2-ethylhexyl) phthalate | | |
| Anthracene | ↓ | Di-n-octylphthalate | | |
| Di-n-butylphthalate | | Benzo (b) fluoranthene | | |
| Fluoranthene | | Benzo (k) fluoranthene | | |
| Pyrene | | Benzo (a) pyrene | | |
| Butylbenzylphthalate | | Indeno (1,2,3-cd) pyrene | | |
| 3,3'-Dichlorobenzidine | | Dibenz (a,h) anthracene | | |
| | | 4690 | Benzo (g,h,i) perylene | |

Comments:

Methodology: EPA Target Compound List By 8270, SW-846
November 1996, 3rd Edition

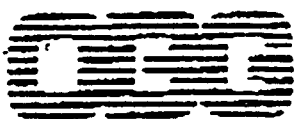
check this doc

Certification No.: NY034

Units: $\mu\text{g}/\text{kg}$ dry weight

~~Values reported in parentheses are estimated values, detected, but below the quantitation limit.~~

~~Elevated detection limits due to matrix interferences.~~



LABORATORIES, INC.

PRELIMINARY

Semivolatile Organics
Method 8270

CLIENT BLASIANO BOUCK ENGINEERS, P.C. JOB NO. 2887.026.517

DESCRIPTION STEAMLINE BLDG 11 GE PITTSFIELD

11-SLS-C11 Soil

SAMPLE NO. 60725 DATE COLLECTED 09/27/90 DATE RECEIVED 10/20/90

DATE EXTRACTED 10/08/90 DATE ANALYZED 10/15/90

| | | | |
|-------------------------------|-------|----------------------------|-------|
| Phenol | <340 | 4-Chloro-3-methylphenol | <340 |
| Bis (2-chloroethyl) ether | | 2-Methylnaphthalene | |
| 2-Chlorophenol | | Hexachlorocyclopentadiene | |
| 1,3-Dichlorobenzene | | 2,4,6-Trichlorophenol | |
| 1,4-Dichlorobenzene | | 2,4,5-Trichlorophenol | <1700 |
| Benzyl alcohol | | 2-Chloronaphthalene | <340 |
| 1,2-Dichlorobenzene | | 2-Nitroaniline | <1700 |
| 2-Methylphenol | | Dimethylphthalate | <340 |
| Bis (2-chloroisopropyl) ether | | Acenaphthylene | |
| 4-Methylphenol | | 2,5-Dinitrotoluene | |
| N-Nitroso-di-n-propylamine | | 3-Nitroaniline | <1700 |
| Hexachloroethane | | Acenaphthene | <340 |
| Nitrobenzene | | 2,4-Dinitrophenol | <1700 |
| Isophorone | | 4-Nitrophenol | <1700 |
| 2-Nitrophenol | | Dibenzofuran | <340 |
| 2,4-Dimethylphenol | | 2,4-Dinitrotoluene | |
| Benzoic acid | <1700 | Diethylphthalate | |
| Bis (2-chloroethoxy) methane | <340 | 4-Chlorophenyl-phenylether | |
| 2,4-Dichlorophenol | | Fluorene | |
| 1,2,4-Trichlorobenzene | | 4-Nitroaniline | <1700 |
| Naphthalene | | 4,6-Dinitro-2-methylphenol | <1700 |
| 4-Chloroaniline | | N-Nitrosodiphenylamine | <340 |
| Hexachlorobutadiene | | 4-Bromophenyl-phenylether | <340 |



LABORATORIES, INC.

Semivolatle Organics Method 8270

PRELIMINARY

CLIENT ALASLAND BOUCK ENGINEERS, P.C. JOB NO. 2887-026-517

DESCRIPTION STEAMLINE BLDG 11 GE PITTSFIELD

11-SLS-C10, Soil

SAMPLE NO. L0724 DATE COLLECTED 09/27/90 DATE RECEIVED 10/01/90

DATE EXTRACTED 10/08/90 DATE ANALYZED 10/15/90

Hexachlorobenzene

Pentachlorophenol

Phenanthrene

Anthracene

Di-n-butylphthalate

Fluoranthene

Pyrene

Butylbenzylphthalate

3,3-Dichlorobenzidine

<350

<1700

<350

<700

Benzo (a) anthracene

Chrysene

Bis (2-ethylhexyl) phthalate

Di-n-octylphthalate

Benzo (b) fluoranthene

Benzo (k) fluoranthene

Benzo (a) pyrene

Indeno (1,2,3-cd) pyrene

Dibenz (a,h) anthracene

Benzo (g,h,i) perylene

<350

Comments:

check this Doc

Methodology: EPA Target Compound List By 8270, SW-846
November 1988, 3rd Edition

Certification No. NY034

Units: $\mu\text{g}/\text{kg}$

~~Values reported in parentheses are estimated values, detected, but below the quantitation limit.~~

~~Elevated detection limits due to matrix interferences.~~

Page 2 of 2

Authorized: _____

Date: _____



Semivolatile Organics Method 8270

PRELIMINARY

CLIENT BLASLAND BOUICK ENGINEERS, P.C. JOB NO. 2987.026.517

DESCRIPTION STEAMLINE BLDG 11 GE PITTSFIELD

11-343-C10, Soil

SAMPLE NO. L0724 DATE COLLECTED 09/27/90 DATE RECEIVED 10/01/90

DATE EXTRACTED 10/03/90 DATE ANALYZED 10/15/90

| | | | |
|-------------------------------|-------|----------------------------|-------|
| Phenol | <350 | 4-Chloro-3-methylphenol | <350 |
| Bis (2-chloroethyl) ether | | 2-Methylnaphthalene | |
| 2-Chlorophenol | | Hexachlorocyclopentadiene | |
| 1,3-Dichlorobenzene | | 2,4,6-Trichlorophenol | |
| 1,4-Dichlorobenzene | | 2,4,5-Trichlorophenol | <1700 |
| Benzyl alcohol | | 2-Chloronaphthalene | <350 |
| 1,2-Dichlorobenzene | | 2-Nitroaniline | <1700 |
| 2-Methylphenol | | Dimethylphthalate | <350 |
| Bis (2-chloroisopropyl) ether | | Acenaphthylene | |
| 4-Methylphenol | | 2,5-Dinitrotoluene | |
| N-Nitroso-di-n-propylamine | | 3-Nitroaniline | <1700 |
| Hexachloroethane | | Acenaphthene | <350 |
| Nitrobenzene | | 2,4-Dinitrophenol | <1700 |
| Isophorone | | 4-Nitrophenol | <1700 |
| 2-Nitrophenol | | Dibenzofuran | <350 |
| 2,4-Dimethylphenol | | 2,4-Dinitrotoluene | |
| Benzoic acid | <1700 | Diethylphthalate | |
| Bis (2-chloroethoxy) methane | <350 | 4-Chlorophenyl-phenylether | |
| 2,4-Dichlorophenol | | Fluorene | |
| 1,2,4-Trichlorobenzene | | 4-Nitroaniline | <1700 |
| Naphthalene | | 4,6-Dinitro-2-methylphenol | <1700 |
| 4-Chloroaniline | | N-Nitrosodiphenylamine | <350 |
| Hexachlorobutadiene | | 4-Bromophenyl-phenylether | <350 |

DELIVERED TO GRANT
BOWMAN(GE)
6-4-91

BLASLAND AND BOUCK ENGINEERS P.C.

To: Files
From: Bruce Eulian
Re: Bldg.15 Fence Excavation Sampling

Date: 05/17/91
File No: 101-75-01
cc: Grant Bowman (GE)

The following is a summary of the sample results for the PCB sampling program conducted outside Bldg.15 on 05/15/91. A drawing showing the sample location is attached (see figure 1). An analytical Report provided by OBG Laboratories has also been included.

PCB SAMPLING RESULTS METHOD 8080

| LAB ID | TOTAL PCB PPM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH |
|----------|------------------|-----------------|-----------------|---------------|--------------|
| J-C1 | 1.9 | 1 | SOIL | DISCRETE-GRAB | 0'-2' |
| 15-FE-C2 | 1.2 | 2 | SOIL | DISCRETE-GRAB | 0'-2' |
| 15-FE-C3 | 100.0 | 3 | SOIL | DISCRETE-GRAB | 0'-2' |
| 15-FE-C4 | 1.6 | 4 | SOIL | DISCRETE-GRAB | 0'-2' |
| 15-FE-C5 | 2.2 | 5 | SOIL | DISCRETE-GRAB | 0'-2' |
| 15-FE-C6 | 6.1 | 6 | SOIL | DISCRETE-GRAB | 0'-2' |
| 15-FE-C7 | 1.8 | 7 | SOIL | DISCRETE-GRAB | 0'-2' |
| 5-FE-C8 | 3.3 | 8 | SOIL | DISCRETE-GRAB | 0'-2' |
| 5-FE-C9 | <1.0 | 9 | CONCRETE | DISCRETE-GRAB | 0"-5" |
| 5-FE-C10 | <1.0 | 10 | ASPHALT | DISCRETE-GRAB | 0"-2" |



2916

Laboratory Report

PRELIMINARY

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield Job No. 101-75-01

Date Analyzed 5/29 → 5/30/91 DATE COLLECTED See Below DATE RECEIVED 5/16/91

| Lab ID NO. | DATE EXTRACTED | DATE SAMPLED | SCREEN VALUE | PCTS | PCB | COMMENTS | QC RESULTS |
|------------|----------------|--------------|--------------|------|-----|----------------------------------|------------|
| 15-FE-C1 | 5/16 | 5/15 | 1.6 | 83 | 1.9 | Soil ↓ concrete asphalt | A |
| -C2 | | | 1.1 | 90 | 1.2 | | |
| -C3 | | | 94 | 91 | 100 | | |
| -C4 | | | 1.3 | 79 | 1.6 | | |
| -C5 | | | 1.8 | 83 | 2.2 | | |
| -C6 | | | 5.2 | 85 | 6.1 | | |
| -C7 | | | 1.5 | 81 | 1.8 | | |
| -C8 | | | 2.8 | 83 | 3.3 | | |
| -C9 | | | | | < 1 | | |
| -C10 | | | | | < 1 | | |

A) Reagent Blank 1 :

< 1

Matrix Spike 15-FE-C3

*

Matrix Spike Duplicate :

*

Precision :

*

Comments: * unable to calculate due to matrix interference

Certification No.:

Units: ug/g = ppm

Authorized: _____

Date: _____

DELIVERED TO
GRANT BOWMAN
2-10-92

BLASLAND AND BOUCK ENGINEERS P.C.

To: Files
From: Bruce Eulian
Re: Between Bldgs 6 & 19 Steepline Excavation Sampling

Date: 1-30-92
File No: 101-75-22
cc: Grant Bowman (GE)
Amiee Cole (GS)

The following is a summary of the sample results for the PCB sampling program conducted between Bldgs 6 & 19 on 1-15-92. Drawings showing the site location (see figure 1) and the sample location (see figure 2) are attached. A preliminary analytical report provided by OBG Laboratories has also been included.

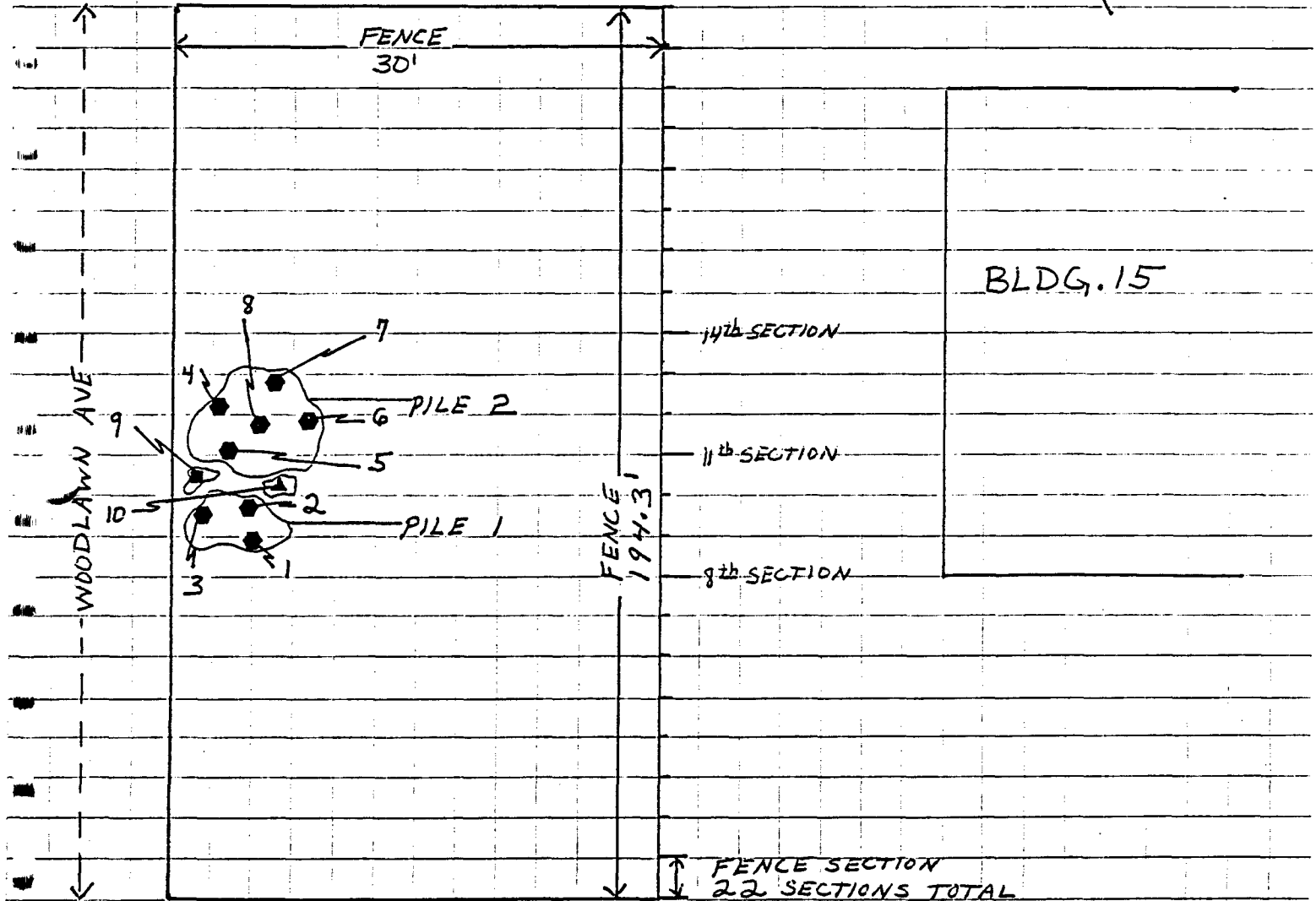
PCB SAMPLING RESULTS METHOD 8080

| LAB ID | TOTAL PCB PPM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH |
|------------|------------------|-----------------|-----------------|---------------|--------------|
| 6-19-SL-C1 | 1.1 | 1 | SOIL | DISCRETE-GRAB | 0" - 6" |
| 6-19-SL-C2 | 1.9 | 2 | SOIL | DISCRETE-GRAB | 6" - 12" |
| 6-19-SL-C3 | 1.5 | 3 | SOIL | DISCRETE-GRAB | 12" - 18" |
| 6-19-SL-C4 | <1.0 | 4 | BRICK | DISCRETE-GRAB | 0" - 2" |
| 6-19-SL-C5 | <1.0 | 5 | CONCRETE | DISCRETE-GRAB | 0" - 2" |

see

| | | | | |
|------------------------------------|-----------|-----|---------|--------|
| JECT | PROJ. NO. | BY | DATE | SHEET |
| BLDG. 15 FENCE EXCAVATION SAMPLING | 101.75.01 | SEM | 5-16-91 | 1 OF 1 |

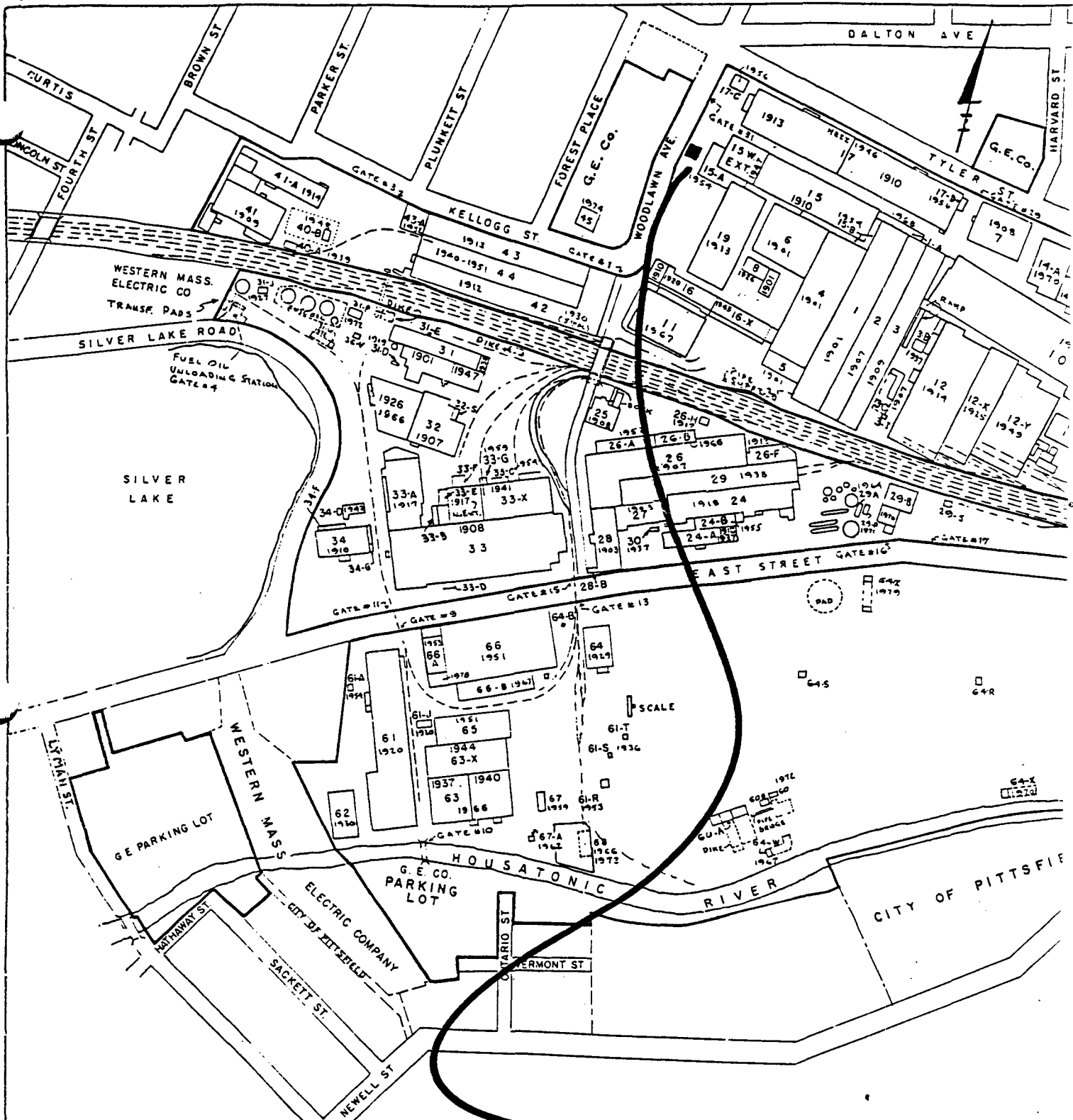
NOT TO SCALE



LEGEND

BLDG. 15 FENCE
EXCAVATION SAMPLING
101.75.01

- SOIL ● - SAMPLE LOCATION
- CONCRETE ■ - SAMPLE LOCATION
- ASPHALT ▲ - SAMPLE LOCATION



SITE LOCATION



PRELIMINARY

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS JOB NO. 2887-026-517

DESCRIPTION STREAMLINE BLDG # I

G.E. PITTSFIELD, SOILS

Date analyzed 10/2/90 DATE COLLECTED 9/27/90 DATE RECEIVED 10/1/90

| Sample # | PCB 8030 | AVG CLOT | PCTS |
|-------------|----------|-----------|------|
| 11-SLS - C1 | 1.9 | 1254 | 95 |
| C2 | 1.4 | 1254 | 94 |
| C3 | 1.4 | 1254 | 94 |
| C4 | 7.8 | 1254/1260 | 93 |
| C5 | 2.5 | - | 95 |
| C6 | 4.5 | 1254/1260 | 94 |
| C7 | 2.5 | - | 100 |
| C8 | 1.3 | 1260 | 100 |
| C9 | 3.1 | 1260 | 100 |

Comments:

Certification No.: N.Y. 034

Units: mg/kg dry wt.

Authorized: _____

Date: _____

PRELIMINARY

CLIENT Blastand & Brock Engineers P.C. JOB NO. 2887.026 517
 DESCRIPTION Steamline Building II SOILS
ONE PITTSFIELD
 DATE COLLECTED 9-27-90 DATE RECEIVED 10-1-90 DATE ANALYZED 10-10/11-90

| DESCRIPTION: | 11-SLS-C10 | 11-SLS-C11 | 11-SLS-C12 | 11-SLS-C13 | 11-SLS-C14 | 11-SLS-C15 |
|---------------------------|------------|------------|------------|------------|------------|------------|
| SAMPLE NO.: | LOT24 | LOT25 | LOT26 | LOT27 | LOT28 | LOT29 |
| trans-1,3-Dichloropropene | 45 | 45 | 45 | 45 | 45 | 45 |
| Bromoform | 45 | 45 | 45 | 45 | 45 | 45 |
| 4-Methyl-2-pentanone | 410 | 410 | 410 | 411 | 410 | 410 |
| 2-Hexanone | 410 | 410 | 410 | 411 | 410 | 410 |
| Tetrachloroethene | 45 | 45 | 45 | 45 | 45 | 45 |
| 1,1,2,2-Tetrachloroethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Toluene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Chlorobenzene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Ethylbenzene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Styrene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Xylene (total) | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |

Comments:

check this Doc →

Methodology: EPA Target Compound List By 8240, SW-848
November 1988, 3rd Edition

Certification No.: NY034

Units: ug/kg dry weight

Authorized: _____

Date: _____



PRELIMINARY

CLIENT Blossard & Brock Engineers, P.C. JOB NO. 2887.026 517

DESCRIPTION Steamer Building II Soils

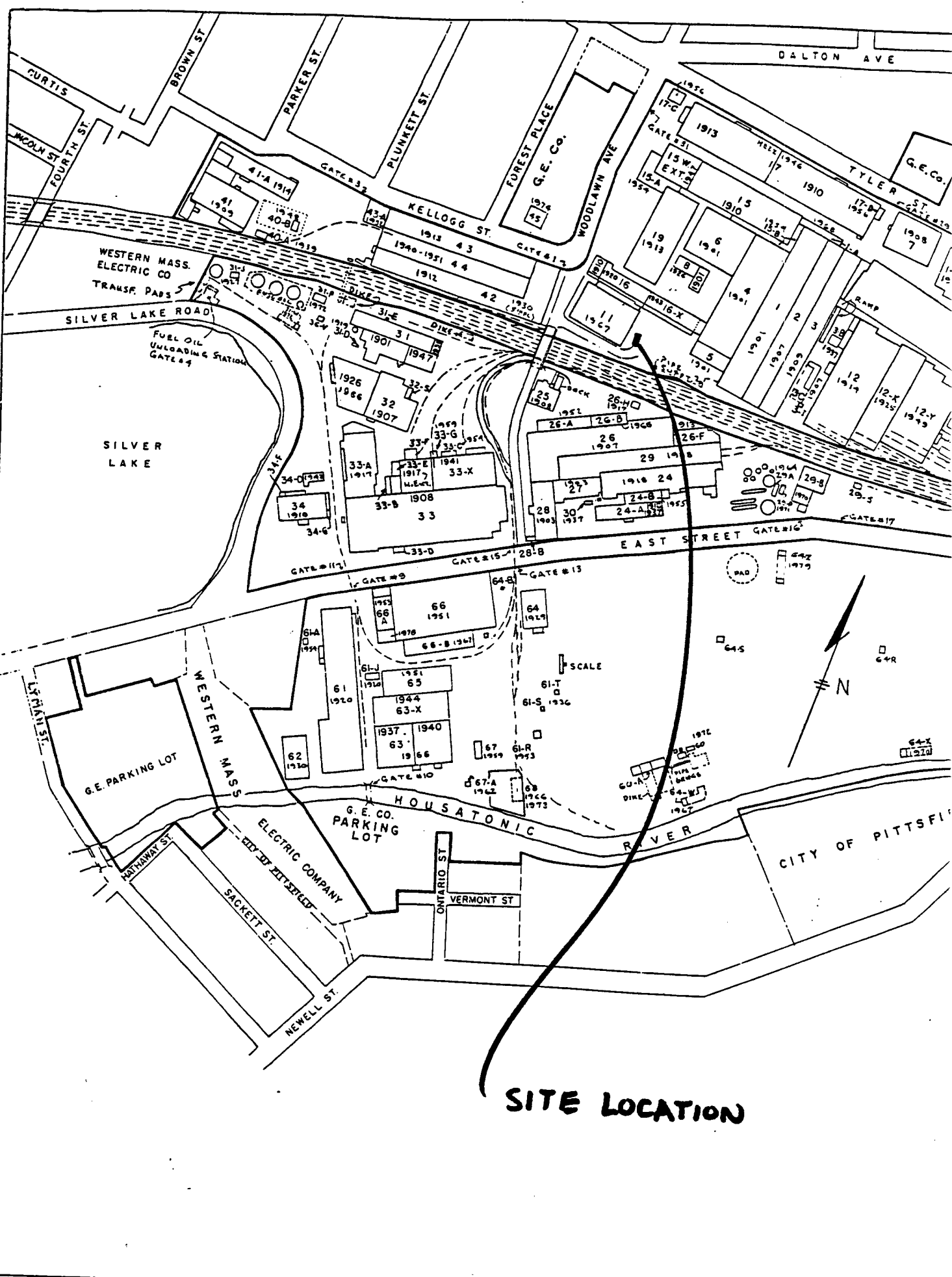
6E Pittsfield

DATE COLLECTED 9-27-90 DATE RECEIVED 10-1-90 DATE ANALYZED 10-10/11-90

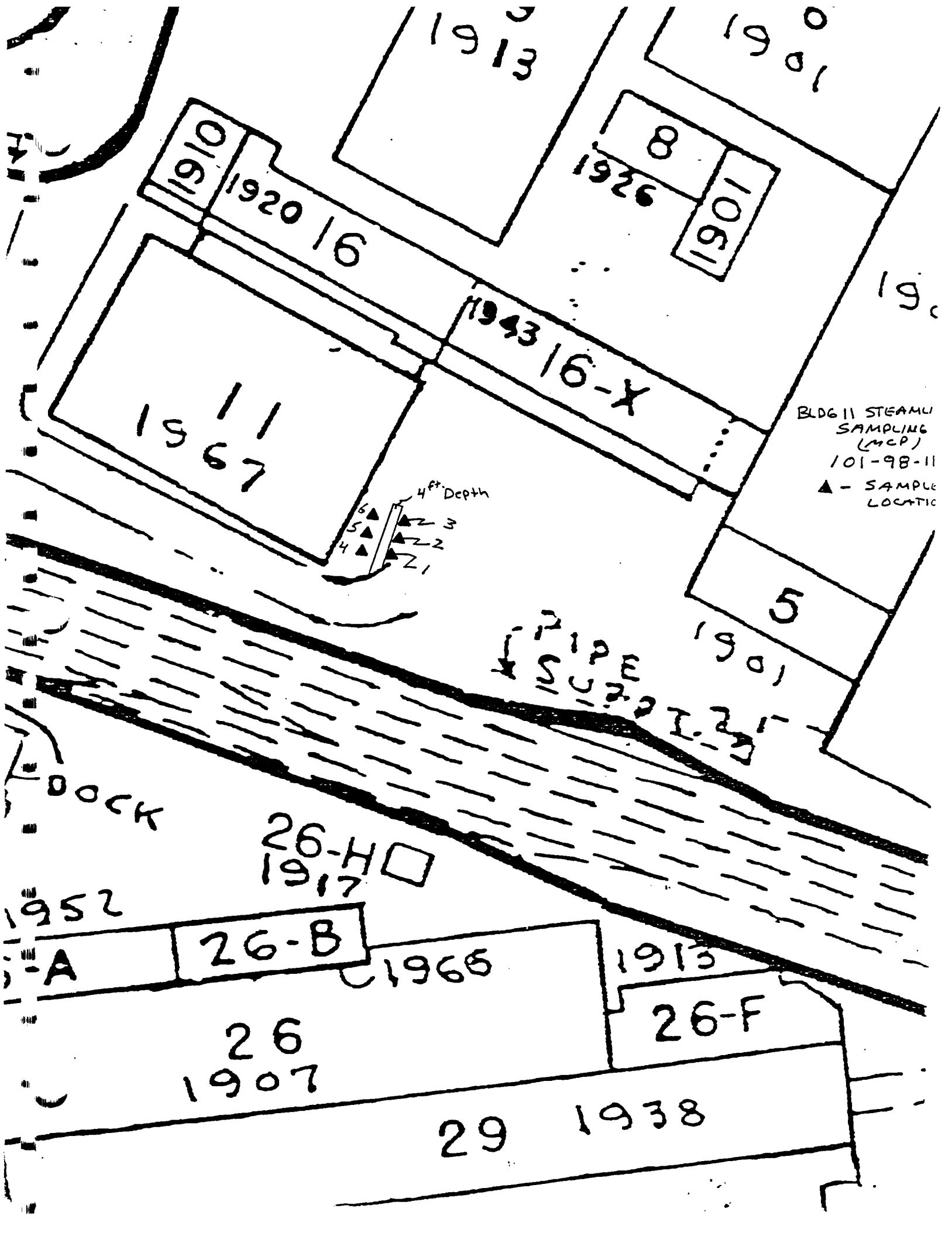
| DESCRIPTION: | 11-SLS-C10 | 11-SLS-C11 | 11-SLS-C12 | 11-SLS-C13 | 11-SLS-C14 | 11-SLS-C15 |
|----------------------------|------------|------------|------------|------------|------------|------------|
| SAMPLE NO.: | L0724 | L0725 | L0726 | L0727 | L0728 | L0729 |
| Chloromethane | <10 | <10 | <10 | <11 | <10 | <10 |
| Bromomethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Vinyl chloride | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Chloroethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Methylene chloride | 45 | 45 | 45 | 45 | 45 | 45 |
| Acetone | <10 | <10 | <10 | <11 | <10 | <10 |
| Carbon disulfide | 45 | 45 | 45 | 45 | 45 | 45 |
| 1,1-Dichloroethene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,1-Dichloroethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,2-Dichloroethene (total) | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Chloroform | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,2-Dichloroethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 2-Butanone | <10 | <10 | <10 | <11 | <10 | <10 |
| 1,1,1-Trichloroethane | 45 | 45 | 45 | 45 | 45 | 45 |
| Carbon tetrachloride | 45 | 45 | 45 | 45 | 45 | 45 |
| Vinyl acetate | <10 | <10 | <10 | <11 | <10 | <10 |
| Bromodichloromethane | 45 | 45 | 45 | 45 | 45 | 45 |
| 1,2-Dichloropropane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| cis-1,3-Dichloropropene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Trichloroethene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Dibromochloromethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| 1,1,2-Trichloroethane | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |
| Benzene | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ |

Authorized: _____

Date: _____



SITE LOCATION



1910
1920 16

1967

1943 16-X

4 ft. Depth
6
5
4
3
2
1

8
1926
1901
1901

BLDG II STEAMU
SAMPLING
(MCP)
101-98-11
▲ - SAMPLE
LOCATIC

5
1901

DOCK

26-H □
1917

1952

26-A 26-B 1968

26
1907

1913
26-F

29 1938

BLASLAND AND BOUCK ENGINEERS P.C.

To: Files
From: Bruce Eulian
Re: Bldg. 11 Steamline Cont. Sampling

Date: 12/28/90
File No: 101-98-11
cc: Grant Bowman (GE)

The following is a summary of the sample results for the PCB sampling program conducted outside Bldg. 66 on 11/28/90. A drawing showing the sample location is attached (see figure 1). An analytical Report provided by OBG Laboratories has also been included.

PCB SAMPLING RESULTS METHOD 8090

| LAB ID | TOTAL PCB PPM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH |
|-----------|------------------|-----------------|-----------------|---------------|--------------|
| 11-SCS-01 | 4.3 | 1 | SOIL | DISCRETE-GRAB | 0'-2' |
| 11-SCS-02 | 2.3 | 2 | SOIL | DISCRETE-GRAB | 0'-2' |
| 11-SCS-03 | 2.4 | 3 | SOIL | DISCRETE-GRAB | 0'-2' |
| 11-SCS-04 | <1.0 | 4 | BRICK | DISCRETE-GRAB | 0"-3" |
| 11-SCS-05 | <1.0 | 5 | BRICK | DISCRETE-GRAB | 0"-3" |
| 11-SCS-06 | 5.3 | 6 | ASPHALT | DISCRETE-GRAB | 0"-3" |
| 11-SCS-07 | <1.0 | 7 | ASPHALT | DISCRETE-GRAB | 0"-3" |
| 11-SCS-08 | <1.0 | 8 | ASPHALT | DISCRETE-GRAB | 0"-3" |

bee

2008

Laboratory Report



PRELIMINARY

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield Job No. 101-98-11

Date Analyzed 12/3-12/4/90 DATE COLLECTED See Below DATE RECEIVED 12/3/90

| Lab ID NO. | DATE EXTRACTED | DATE SAMPLED | SCREEN VALUE | PCTS | PCB | COMMENTS | QC RESULTS |
|---------------------------|----------------|--------------|--------------|------|-----|----------|------------|
| 11-SCS-C1 | 12/3/90 | 11/28/90 | | | 4.3 | Soil | A |
| 11-SCS-C2 | ↓ | ↓ | | | 2.3 | ↓ | ↓ |
| 11-SCS-C3 | | | | | 2.4 | | |
| Al Matrix Spike 11-SCS-C2 | | | | | | | |

Comments:

Certification No.:

Units: mg/kg

Authorized: _____

Date: _____

2006



LABORATORIES, INC.

Laboratory Report

PRELIMINARY

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield Job No. 101-98-11

Date Analyzed 11/29 → 30/90 DATE COLLECTED See Below DATE RECEIVED 11/28/90

| Lab ID NO. | DATE EXTRACTED | DATE SAMPLED | SCREEN VALUE | PCTS | PCB | COMMENTS | QC RESULTS |
|----------------------------|----------------|--------------|--------------|------|--------|----------|------------|
| 11-SCS-C4 | | | | | <1 | brick | A |
| - C5 | | | | | <1 | brick | ↓ |
| - C6 | | | | | 5.3 | asphalt | ↓ |
| - C7 | | | | | <1 | | |
| - C8 | | | | | <1 | | |
| A) MATRIX SPIKE 11-SCS-C6 | | | | | * 4.46 | | |
| REAGENT Blank-1 (11/29/90) | | | | | <1 | | |

Comments:

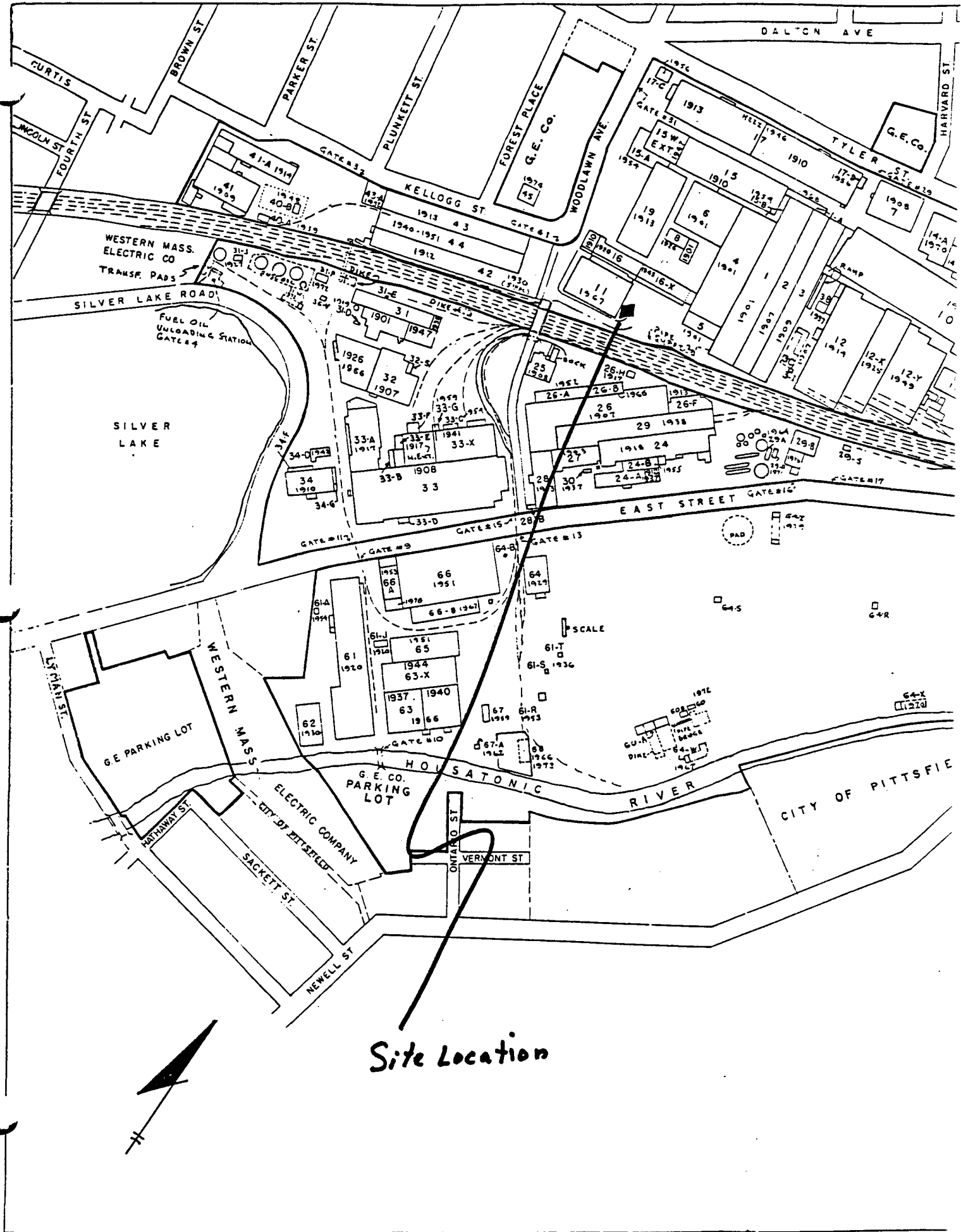
* The PCB used to spike the sample matrix was the same as one of the aroclors that occurred in the sample naturally; the spike concentration was masked by the sample concentration.

Certification No.:

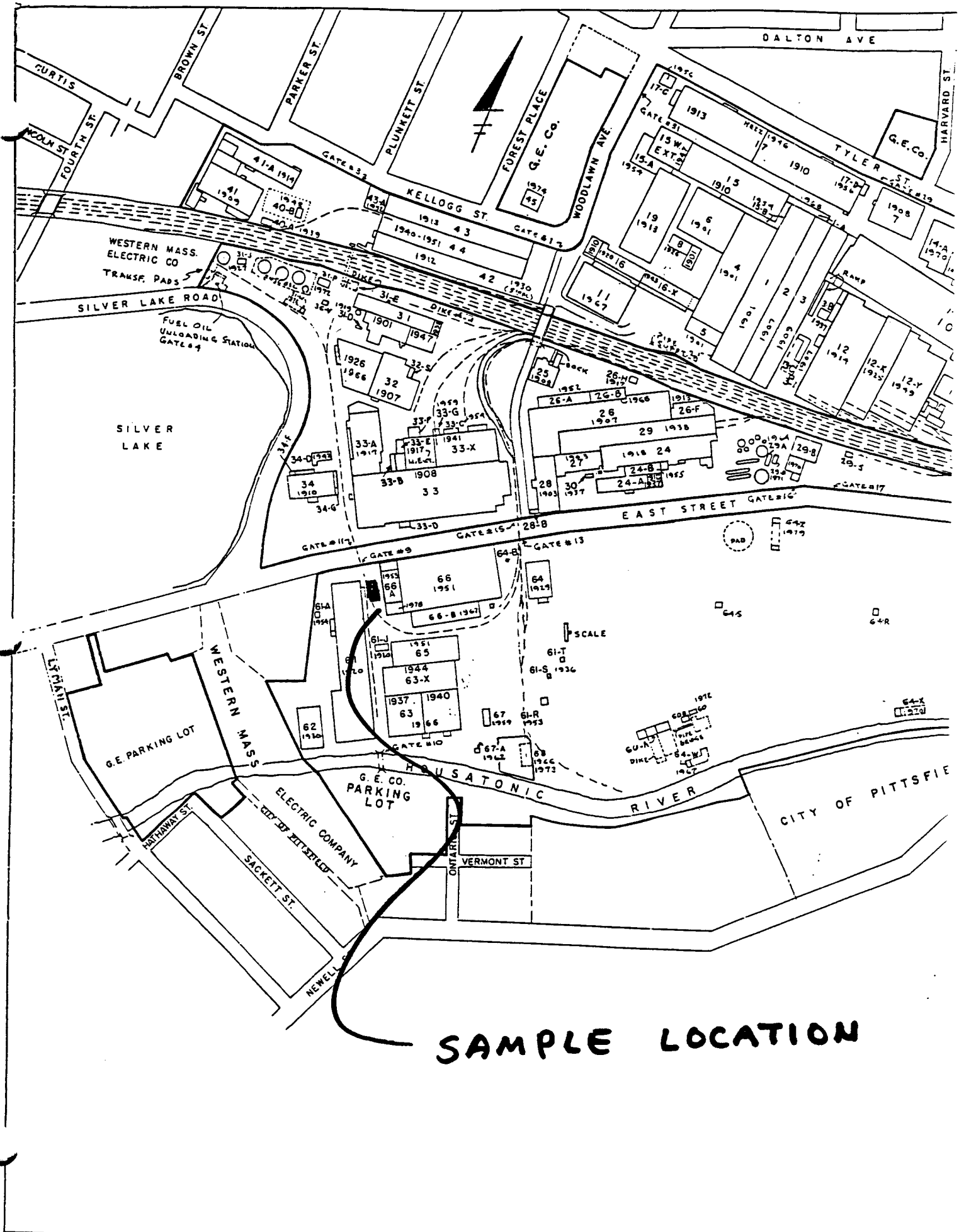
Units: mg/kg

Authorized:

Date:



Site Location



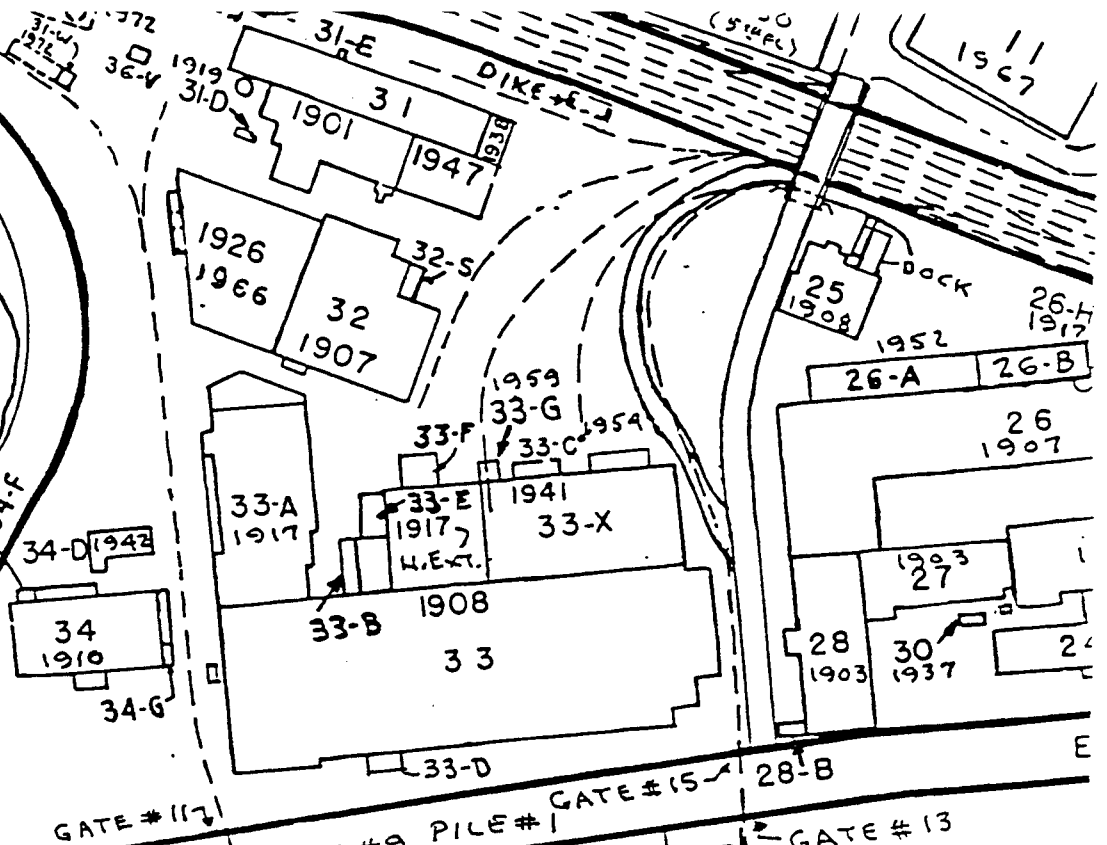
SAMPLE LOCATION

LAKE ROAD

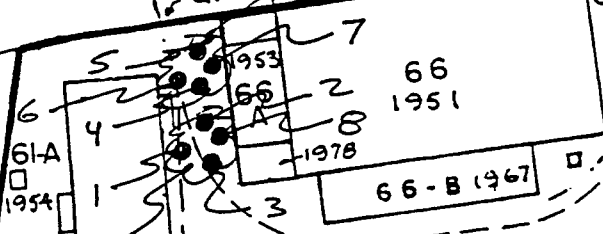
FUEL OIL UNLOADING STATION GATE #4



3RD & 11 STEAMLINE
CUT. SAMPLING
101-98-11
- SAMPLE LOCATION



GATE #11, GATE #9, PILE #1, GATE #15, 28-B, GATE #13



WESTERN MASS

PARKING LOT

G. E. CO. PARKING LOT

HOUSATONIC

HATHAWAY ST.

ELECTRIC COMPANY
CITY OF PITTSFIELD
SACKETT ST.

ONTARIO ST
VERMONT ST

APPENDIX J, SECTION C-49

BLASLAND & BOUCK ENGINEERS, P.C.
(REQUEST FOR SAMPLING)

TO: Files

DATE: 10-22-92

FROM: Bruce Eulian

FILE NO: 101.75.22

RE: Bldg 11 (outside) Drainline Repair
Excavation Sampling

INITIATOR: Aimee Cole (GE)

DATE: 10-21-92

BLDG. LOCATION: Bldg 11 (outside)

CONTACT PERSON: Aimee Cole (GE)

EXT: 2534

ITEM DESCRIPTION:

1.) Soil

2.) Asphalt

PURPOSE: To collect samples for GE to determine the proper disposal method for the soil and asphalt that was generated during an excavation for the Bldg 11 (outside) Drainline Repair.

NOTES: The following sampling program was implemented as the request of Aimee Cole (GE), see attached sample request letter dated 10-21-92.

1.) Soil and asphalt from the excavation for the Bldg 11 (outside) Drainline Repair is to be sampled for PCB's Method 8080.

2.) Soil samples are to be screened for Volatile Organic Compounds with a calibrated PID meter. If the PID readings on the soil are <10 PPM the soil samples are to be sent to OBG Laboratories in Pittsfield, MA.

3.) If the PID readings on the soil are greater than or equal to 10 PPM the soil is to be sampled for VOC's using Method 8240 as described in the document entitled "Protocols For The Management Of Excavation Activities", dated April 1990 and sent to OBG Laboratories in Syracuse, NY.

10/21/92 *AC*Sample Request

SITE: Behind bldg. 11

Bob Pensivy will be excavating behind bldg. 11 at the foot of the ramp to repair a steamline problem. Less than 10 yards of material is estimated to be removed. Please take 3 samples for PCB's and do a PID screening. This is not an area 2 excavation. If there is a hit above 10 for PID then samples must be taken for volatiles and 1,2,4, trichlorobenzene. Please take a single PCB sample on the asphalt which should be piled separately. PCB's may be analyzed locally at O'B&G. If there are volatile samples taken, please send all samples to Syracuse for analysis, PCB's too.

DELIVERED TO
GRANT BOWMAN/GE
11-13-92

BLASLAND AND BOUCK ENGINEERS P.C.

SAMPLING PROGRAM FIELD SUMMARY

To: Files
From: Bruce Eulian
Re: Bldg 11 (outside) Drainline Repair
Excavation Sampling

Date: 10-22-92
File No: 101.75.22
cc: Grant Bowman (GE)
Robert Rhoades (B&B)

The following is a summary of samples (Table 1) collected from soil and asphalt generated during the excavation for the Bldg 11 (outside) Drainline Repair. Approximately 2.5 cu yds of soil and 1.3 cu yds of asphalt was generated during the excavation.

At the request of Aimee Cole (GE) the following sampling program was performed:

- File #1 - approximately 0.6 cu yds of soil- 1 discrete grab sample
- File #2 - approximately 1.9 cu yds of soil- 2 discrete grab samples
- File #3 - approximately 1.3 cu yds of asphalt - 1 discrete grab sample

At the request of Aimee Cole (GE) 3 discrete-grab samples of soil and (1) discrete-grab sample of asphalt were collected and analyzed discretely for PCB's using Method 8080. All soils were screened with a calibrated PID meter and found to be <10 ppm, therefore the soil did not have to be analyzed for VOC's using Method 8240 as described in the document entitled "Protocols For The Management Of Excavation Activities", dated April 1990.

Drawings showing the site location (Figure 1), and the sample locations (Figure 2) have been included. A preliminary analytical report provided by OBG Laboratories (Attachment 1) has also been included. In addition, a calibration form (Attachment 2), and the soil screening results have also been provided (Attachment 3).

Bldg 11 (outside) Drainline Repair
Excavation Sampling

101.75.22

Table 1

PCB SAMPLING RESULTS METHOD 8080

| LAB ID | DATE SAMPLED | TOTAL PCB PPM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH | SEE FIGURE |
|--------|-----------------|------------------|--------------------|--------------------|-------------|-----------------|---------------|
|--------|-----------------|------------------|--------------------|--------------------|-------------|-----------------|---------------|

PILE # 1

| | | | | | | | |
|-----------|----------|------|---|------|---------------|------|---|
| 11-DRE-C1 | 10-21-92 | <1.0 | 1 | SOIL | DISCRETE-GRAB | 0-1' | 2 |
|-----------|----------|------|---|------|---------------|------|---|

PILE # 2


| | | | | | | | |
|-----------|----------|------|---|------|---------------|------|---|
| 11-DRE-C2 | 10-21-92 | <1.0 | 2 | SOIL | DISCRETE-GRAB | 0-1' | 2 |
|-----------|----------|------|---|------|---------------|------|---|

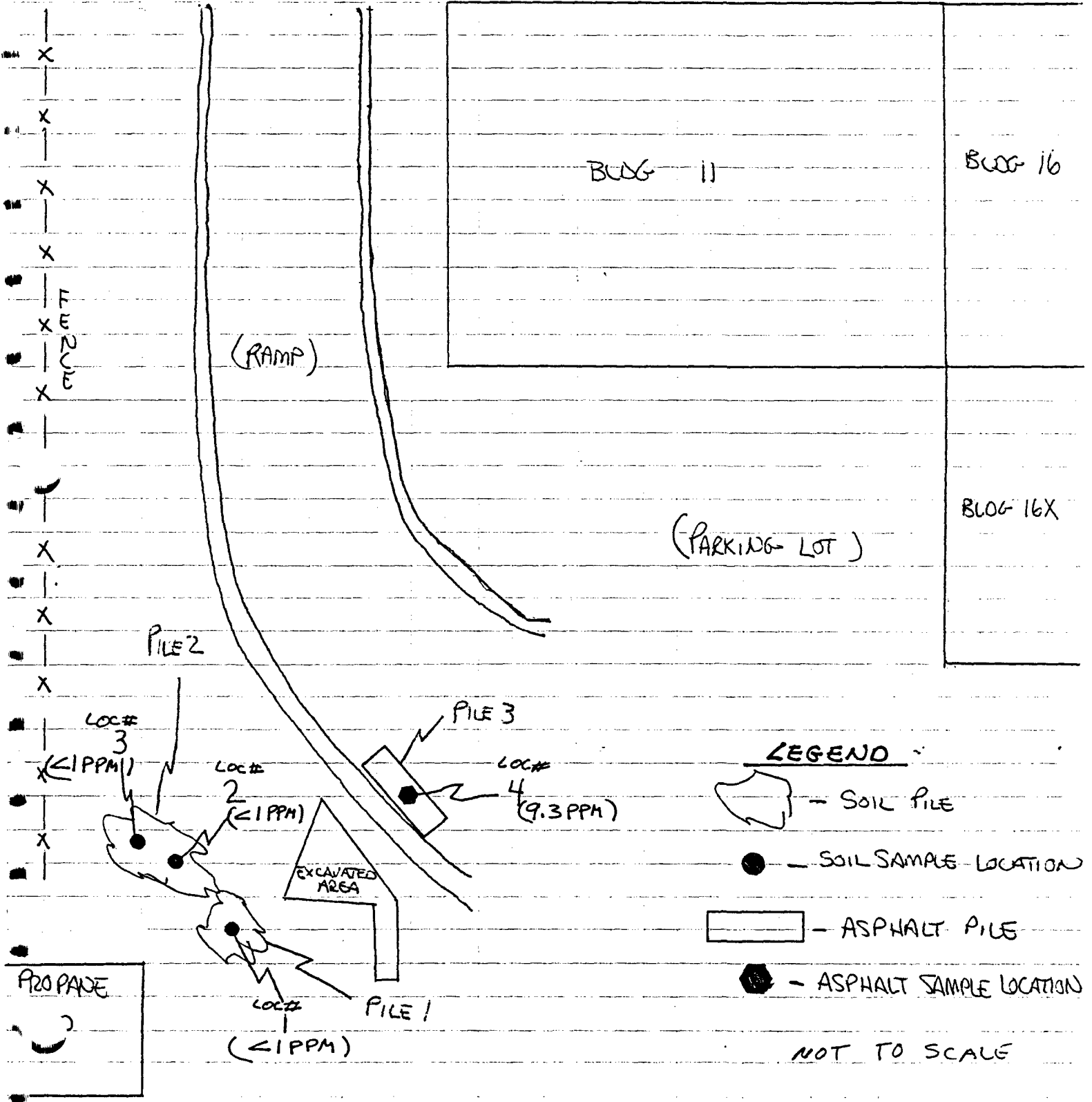
| | | | | | | | |
|-----------|----------|------|---|------|---------------|------|---|
| 11-DRE-C3 | 10-21-92 | <1.0 | 3 | SOIL | DISCRETE-GRAB | 0-2' | 2 |
|-----------|----------|------|---|------|---------------|------|---|

PILE # 3

| | | | | | | | |
|-----------|----------|-----|---|---------|-----------------------------|------|---|
| 11-DRE-C4 | 10-21-92 | 9.3 | 4 | ASPHALT | DISCRETE-GRAB (SEE NOTE) | 0-4" | 2 |
|-----------|----------|-----|---|---------|-----------------------------|------|---|

NOTE: CORE COULD NOT BE COLLECTED DUE TO SIZE OF ASPHALT. INDIVIDUAL SAMPLES WERE ACCUMULATED AND PULVERIZED INTO A SAMPLE FOR ANALYSIS.

FIGURE 2




ATTACHMENT 1



PREPARED BY
 OCT 26 1992 4117

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520
 DESCRIPTION G.E., Pittsfield Job No. 101-75-22
Bldg. 11 (outside) Drainline Repair Excavation Sampling
 Date Analyzed 10/22/92 DATE COLLECTED See Below DATE RECEIVED 10/21/92

| Lab ID NO. | DATE EXTRACTED | DATE SAMPLED | SCREEN VALUE | PCTS | PCB | COMMENTS | QC RESULTS |
|----------------------------|----------------|--------------|--------------|------|-----|-----------------------|------------|
| 11-DRE-C1 | 10/22/92 | 10/21/92 | (.15) <1 | 95 | <1 | soil | A |
| 11-DRE-C2 | ↓ | ↓ | (.12) <1 | 93 | <1 | ↓ | ↓ |
| 11-DRE-C3 | ↓ | ↓ | (.19) <1 | 93 | <1 | ↓ | ↓ |
| 11-DRE-C4 | ↓ | ↓ | | | 9.3 | asphalt | B |
| A) Reagent Blank 102292-1: | | | | | | <1 | |
| Reference Sample 102292-1: | | | | | | 2.2/3 = 74% | |
| Matrix Spike OP-1-GM-C4: | | | | | | 2.5/3.3 = 76% | |
| Matrix Spike Duplicate: | | | | | | 2.5/3.3 = 76% | |
| Precision: | | | | | | 2.5 vs 2.5 = 0% RPD | |
| B) Reagent Blank 102292-1: | | | | | | <1 | |
| Reference Sample 102292-1: | | | | | | 2.2/3 = 74% | |
| Matrix Spike OP3-CT-C12: | | | | | | 7.6/10 = 76% | |
| Matrix Spike Duplicate: | | | | | | 7.0/10 = 70% | |
| Precision: | | | | | | 7.6 vs 7.0 = 8.2% RPD | |

Comments:

Certification No.:
 Units: mg/kg = ppm

ATTACHMENT 2

HNU CALIBRATION

BLOG 11 (OUTSIDE) DRAINLINE REPAIR
EXCAVATION SAMPLING
101.75.22

DATE: 10-21-92
OPERATOR: Jim HASSETT

HNU SERIAL NO: A70129
eV OF PROBE: 10.2

CALIBRATION GAS: 9.8 span setting @ 57 ppm

INITIAL READING: 9.8 span setting @ 57 ppm

ADJUSTED SETTING: _____ span setting @ _____ ppm

NOTES:

NO ADJUSTMENT WAS NEEDED FOR CALIBRATION

ATTACHMENT 3

HNU CALIBRATION
BLDG 7 (OUTSIDE) WATERLINE REPAIR
EXCAVATION - SAMPLING -
(201.16.17)

DATE: 2/16/93
OPERATOR: Todd P. Merrell

HNU SERIAL NO: A70129
eV OF PROBE: 10.2

CALIBRATION GAS: 9.8 span setting @ 57 ppm

INITIAL READING: 9.8 span setting @ 56 ppm

ADJUSTED SETTING: 9.8 span setting @ 57 ppm

NOTES:

ATTACHMENT 3



5/24/2
PRELIMINARY

SECTION LEADER: R
Laboratory Report

BIN #: 79

CLIENT: Blasland & Bouck Engineers JOB NO. 2887-026-517
DESCRIPTION: Job # 101-51-05 MATRIX: Soil & Asphalt

Date analyzed: 8/30/90 DATE COLLECTED 8-8-90 DATE RECEIVED 8-30-90

| | Sample # | PCB | PCTB | Attoctet |
|----------|----------|-----|------|----------|
| 12-34-C1 | 148631 | 2.5 | 96 | - |
| 12-34-C2 | ↓ 32 | 1.6 | — | 1200 |

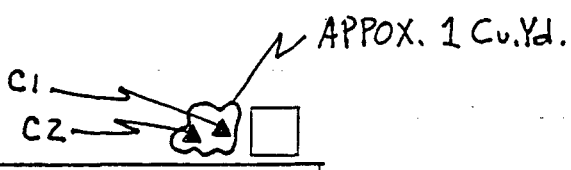
Comments:

Certification No.: 10155
Units: mg/kg dry wt.

Authorized: _____
Date: _____

| | | | | |
|--|------------------------|-----------|----------------|-------|
| SUBJECT NORTH OF BLDG. 12 SINK HOLE SAMPLING | PROJ. NO: 101-51-05 | BY TPM | DATE 8-8-90 | SHEET |
|--|------------------------|-----------|----------------|-------|

BLDG. 100



- - SINK HOLE
- ☁ - SOIL PILE
- ▲ - SAMPLE LOCATION

BLDG. 12

APPENDIX J, SECTION C-50

| | | | | |
|---|------------------------|----------|-----------------|-------|
| SUBJECT BLDG. 2 FLOOR REMOVAL SAMPLING | PROJ. NO. 101-75-02 | BY HE | DATE 8/22/88 | SHEET |
|---|------------------------|----------|-----------------|-------|

PRELIMINARY

The following is a summary of the sample results for the sampling conducted at the south end of Bldg. 2. A drawing showing the sample location is attached (see Figure). An Analytical Report provided by OBG Laboratories has also been included.

F. B Sampling Results

| <u>LAB ID</u> | <u>Total PCB (PPM)</u> | <u>Sample Material</u> | <u>Sample Location</u> | <u>Sample Depth</u> | <u>Sample Type</u> |
|---------------|------------------------|------------------------|------------------------|---------------------|-----------------------|
| 2. - C1 | 7.2 | CONCRETE | 1, 3, 3 | 4" | FLOOR COMPOSITE CORE |
| 2. - C2 | 43 | SOIL | 51, 52 | 0"-6" | GRAB SAMPLE COMPOSITE |

APPENDIX J, SECTION C-51

BLASLAND & BOUCK ENGINEERS, P.C.
(REQUEST FOR SAMPLING)

TO: Files

DATE: 2-17-93

FROM: Bruce Eulian

FILE NO: 201.16.17

RE: Bldg 7 (outside) Waterline Repair
Excavation Sampling

INITIATOR: Aimee Cole (GE)

DATE: 2-10-93

BLDG LOCATION: Bldg 7 (outside)

CONTACT PERSON: Aimee Cole (GE)

EXT: 2534

ITEM DESCRIPTION:

- 1.) Soil
- 2.) Concrete

PURPOSE: To collect soil and concrete samples for GE to determine the proper disposal method of the soil and concrete that was excavated during the Bldg 7 (outside) Waterline Repair excavation.

NOTES: The following sampling program was implemented at the request of Aimee Cole (GE): (see attached letter dated 2-10-93)

- 1.) Soil and concrete samples for the Bldg 7 (outside) Waterline Repair excavation are to be sampled and analyzed for PCB's using Method 8000.
- 2.) Soil samples are to be screened for Volatile Organic Compounds with a calibrated PID meter.
- 3.) If the PID readings on the soil are greater than or equal to 10 PPM the soil is to be sampled for VOC's and analyzed using Method 8240 and 1,2,4 Trichlorobenzene using Method 8120.
- 4.) GE requests the samples collected be analyzed by DBS Laboratories in Pittsfield, MA if the PID readings are <10 PPM or the Syracuse, NY DBS Laboratories if the PID readings are greater than or equal to 10 PPM.

February 10, 1993

SAMPLE REQUEST

To: B. Eulian - B & B

From: A. Cole - GEC *AC*

Re: Post-excavation sampling SE of bldg. 7

Bob Pensivy estimates that less than 10 yards of material will be excavated to repair a water line feeding a sprinkler at bldg. 7. - This excavation may go as deep as 6 feet or so. Please sample the soil for PCB (3 samples for 10 yards) and take PID readings. If the PID hits greater than 10 then sample for VOC's and 1,2,4, Trichlorobenzene. This is not an Area 2 excavation. Please also take core samples of any concrete involved at a representative frequency. (Assuming this is a linear type excavation please take 1 core for a fifty foot length).

Please be aware that previous sampling in this area in 1990 for the Kawasaki railroad extension yielded PCB results up to 44 ppm in the soil at 4 feet of depth and one high hit on the concrete in the area (greater than 500 ppm).

This excavation should begin on February 11 and is being done by Maxymillian.

The samples may be sent to the O B & G lab locally. If VOC's are required (based on PID) all samples may be sent to Syracuse for analysis.

DELIVERED TO
GRANT BOWMAN (GE)
4-9-93

BLASLAND AND BOUCK ENGINEERS P.C.

SAMPLING PROGRAM FIELD SUMMARY

To: Files
From: Bruce Eulian
Re: Bldg 7 (outside) Waterline Repair
Excavation Sampling

Date: 2-17-93
File No: 201.16.17
cc: Grant Bowman (GE)
Robert Rhoades (E&B)

The following is a summary of the sampling program conducted on 2-17-93 on the soil and concrete from the Bldg 7 (outside) Waterline Repair Excavation. Approximately 5.3 cu yds of soil and 1.3 cu yds of concrete were excavated.

At the request of Ainee Cole (GE), the following sampling program was implemented:

Three (3) discrete-grab samples of soil were collected and analyzed for PCB's (Method 8080)

Three (3) full-core samples of concrete were collected and analyzed for PCB's (Method 8080)

Soil samples were screened with a calibrated PID meter and found to be <10 PPM, therefore the soil did not have to be sampled for VOC's and analyzed using Method 8240 or 1,2,4 Trichlorobenzene and analyzed using Method 8120.

A summary table of the sampling program has been included (Table 1) along with drawings showing the site location (Figure 1) and sample locations (Figure 2). Preliminary analytical reports provided by DBG Laboratories (Attachment 1) have also been included. In addition, a calibration form (Attachment 2) and the soil screening results (Attachment 3) have also been provided.

Bldg 7 (outside) Waterline Repair
Excavation Sampling

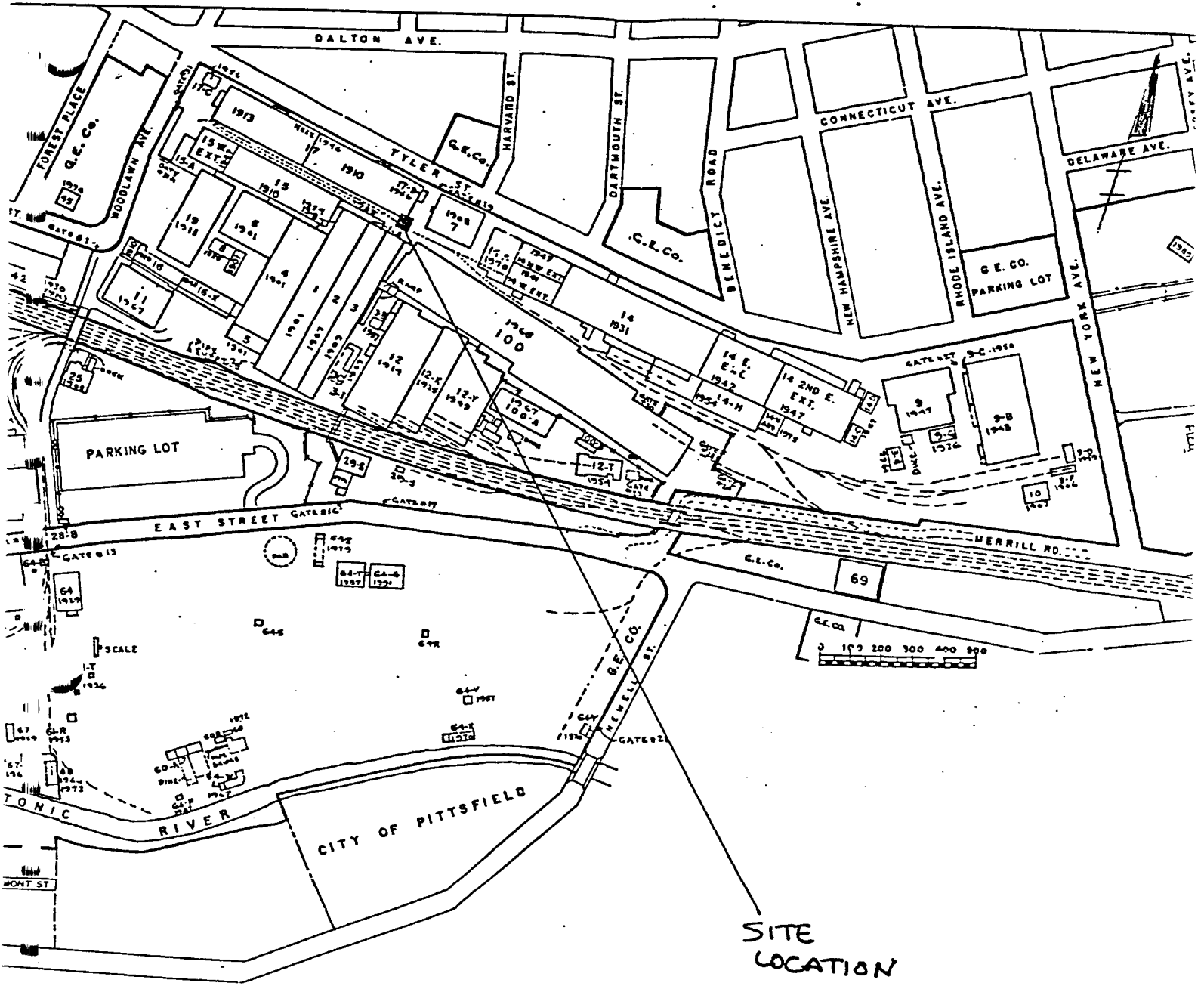
201.15.17

Table 1

PCB SAMPLING RESULTS METHOD 8080

| LAB ID | SAMPLE DATE | TOTAL PCB PPM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH | SEE FIGURE |
|----------|-------------|---------------|-----------------|-----------------|---------------|--------------|------------|
| 7-WLR-C1 | 2-17-93 | <1.0 | 1 | SOIL | DISCRETE-GRAB | 0-1' | 2 |
| 7-WLR-C2 | 2-17-93 | <1.0 | 2 | SOIL | DISCRETE-GRAB | 1-2' | 2 |
| 7-WLR-C3 | 2-17-93 | 1.2 | 3 | SOIL | DISCRETE-GRAB | 0-1' | 2 |
| 7-WLR-C4 | 2-17-93 | <1.0 | 4 | CONCRETE | FULL-CORE | 0-8" | 2 |
| 7-WLR-C5 | 2-17-93 | <1.0 | 5 | CONCRETE | FULL-CORE | 0-8" | 2 |
| 7-WLR-C6 | 2-17-93 | <1.0 | 6 | CONCRETE | FULL-CORE | 0-8" | 2 |

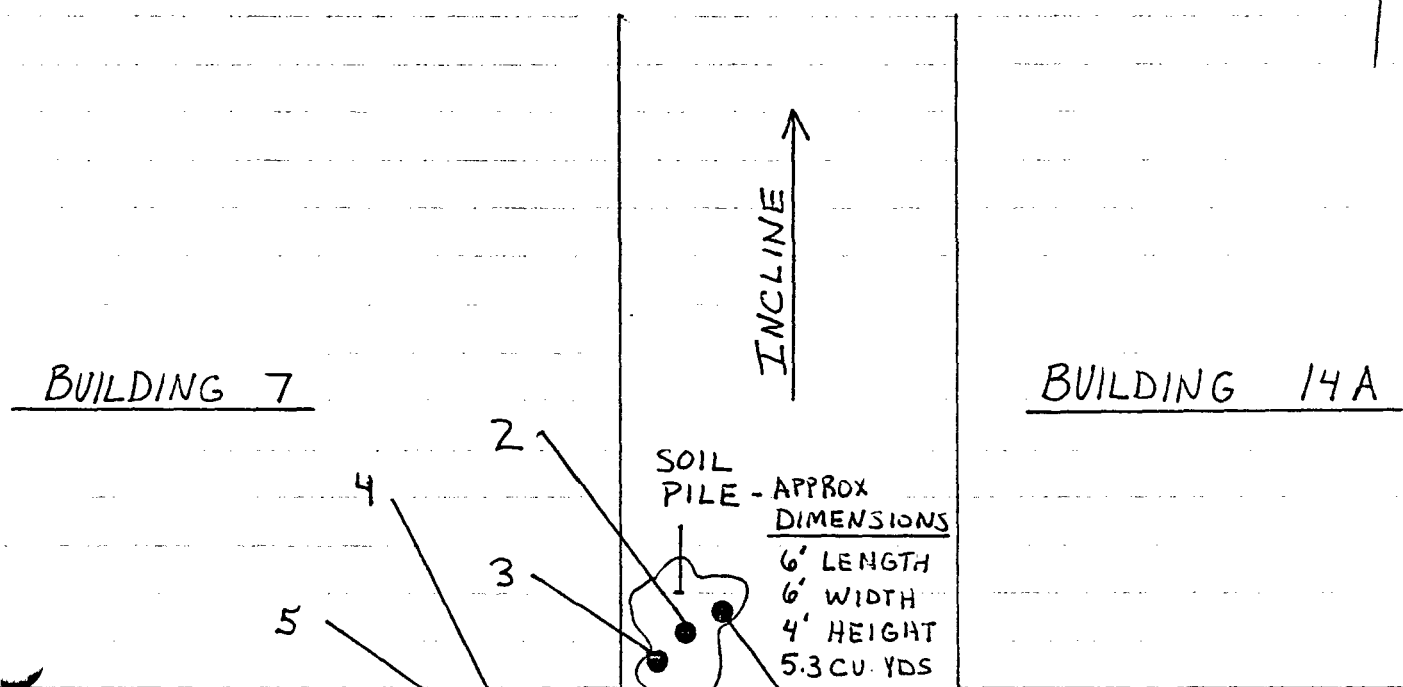
FIGURE #1



BLDG 7 (OUTSIDE) WATERLINE
REPAIR EXCAVATION SAMPLING
(20.16.17)



FIGURE # 2



SOIL PILE - APPROX DIMENSIONS
 6' LENGTH
 6' WIDTH
 4' HEIGHT
 5.3 CU. YDS

CONCRETE EXCAVATED
 PILE - AREA -

| APPROX DIMENSIONS | APPROX. DIMENSIONS |
|-------------------|--------------------|
| 6' LENGTH | 6.5' LENGTH |
| 8' WIDTH | 8.8' WIDTH |
| 0.75' HEIGHT | 3' HEIGHT |
| 1.3 CU YDS | 6.8 CU. YDS |

BUILDING 100

LEGEND
(NOT TO SCALE)

- SOIL PILE
- EXCAVATED AREA
- CONCRETE PILE
- SOIL SAMPLE LOCATION
- CONCRETE SAMPLE LOCATION

ATTACHMENT 1



4/88
PRELIMINARY

FEB 18 1993

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C.

JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield

Job No. 201-16-17

Bldg 7 (outside) Waterline Repair Excavation Sampling

Date Analyzed 2/17/93

DATE COLLECTED See Below

DATE RECEIVED 2/17/93

| Lab ID NO. | DATE EXTRACTED | DATE SAMPLED | SCREEN VALUE | PCTS | PCB | COMMENTS | QC RESULTS |
|------------|----------------|--------------|--------------|------|-----|---------------|------------|
| 7-WLR-C1 | 2/17/93 | 2/16/93 | <1 (.636) | 90 | <1 | soils | A |
| 7-WLR-C2 | ↓ | ↓ | <1 (.703) | 89 | <1 | ↓ concrete | ↓ |
| 7-WLR-C3 | | | 1.1 | 89 | 1.2 | | |
| 7-WLR-C4 | | | <1 | | <1 | | |
| 7-WLR-C5 | | | <1 | | <1 | | |
| 7-WLR-C6 | | | <1 | | <1 | | |
| | | | | | | | |

A) Reagent Blank 021793-1:

<1

Reference Sample 021793-1:

1.8/3 = 60%

Matrix Spike 31-WLR-C8:

3.9/3 = 130%

Matrix Spike Duplicate:

4/3 = 133%

Precision

3.9 vs 4 = 2.5% RPD

Matrix Spike 7-WLR-C4:

3/4.5 = 67%

Matrix Spike Duplicate:

3.2/4.5 = 70%

Precision:

3 vs 3.2 = 6.5% RPD

Comments:

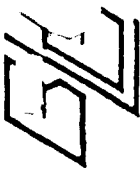
Certification No.:

Units: mg/Kg = ppm

Authorized: _____

Date: _____

ATTACHMENT 2



BLASLAND & BOUCK ENGINEERS, P.C.
 6723 Tow Path Road, Box 66, Syracuse, New York 13214
 (315) 446-9120

CHAIN OF CUSTODY RECORD

| PROJECT NO. 2/16/17 | PROJECT NAME (SAMPLE) | | CUSTODY TAPE NUMBER | DATE | TIME | COMP. | GRAB | SAMPLE TYPE | | | NO OF CONTAINERS | REMARKS | | | | |
|------------------------------|--|------------|---------------------|---------|------|-------|------|-------------|------|-------|------------------|---|-----------|-----------|----------|--------------------------|
| | BDG 7 WATERLINE REPAIR EXCAVATION SAMPLING | | | | | | | SOLID | WIPE | WATER | | | | | | |
| LAB ID | 7-WLR-C1 | (SOIL) | 216-93 | 216-93 | 1200 | | X | X | | | 1 | | | | | |
| | 7-WLR-C2 | (SOIL) | 216-93 | 216-93 | 1215 | | X | X | | | 1 | | | | | |
| | 7-WLR-C3 | (SOIL) | 216-93 | 216-93 | 1230 | | X | X | | | 1 | (1/2) PINT GLASS JARS | | | | |
| | 7-WLR-C4 | (CONCRETE) | 216-93 | 216-93 | 1400 | | X | X | | | 1 | | | | | |
| | 7-WLR-C5 | (CONCRETE) | 216-93 | 216-93 | 1415 | | X | X | | | 1 | | | | | |
| | 7-WLR-C6 | (CONCRETE) | 216-93 | 216-93 | 1430 | | X | X | | | 1 | | | | | |
| SAMPLED BY: (SIGNATURE) | [Signature] | | DATE/TIME | 2-16-93 | 1200 | | | | | | | RECEIVED BY: (SIGNATURE) | DATE/TIME | 2/17/1225 | 1225 hrs | RECEIVED BY: (SIGNATURE) |
| RELINQUISHED BY: (SIGNATURE) | [Signature] | | DATE/TIME | 2-16-93 | 1430 | | | | | | | RELINQUISHED BY: (SIGNATURE) | DATE/TIME | | | RECEIVED BY: (SIGNATURE) |
| RELINQUISHED BY: (SIGNATURE) | [Signature] | | DATE/TIME | | | | | | | | | RECEIVED FOR LABORATORY BY: (SIGNATURE) | DATE/TIME | 2/17/1225 | | REMARKS |
| | | | | | | | | | | | | [Signature] | | | | SENT TO ORG PITTSFIELD |

APPENDIX J, SECTION C-52

DELIVERED TO GRANT
BOWMAN (GE)
11-6-90

BLASLAND AND BOUCK ENGINEERS P.C.

To: Files
From: Bruce Eulian
Re: North of Bldg.12 Sinkhole Sampling

Date: 09/14/90
File No: 101-51-05
cc: Grant Bowman (GE)

The following is a summary of the sample results for the PCB sampling program conducted outside Bldg.12 on 08/08/90. A drawing showing the sample location is attached (see figure 1). An analytical Report provided by OEG Laboratories has also been included.

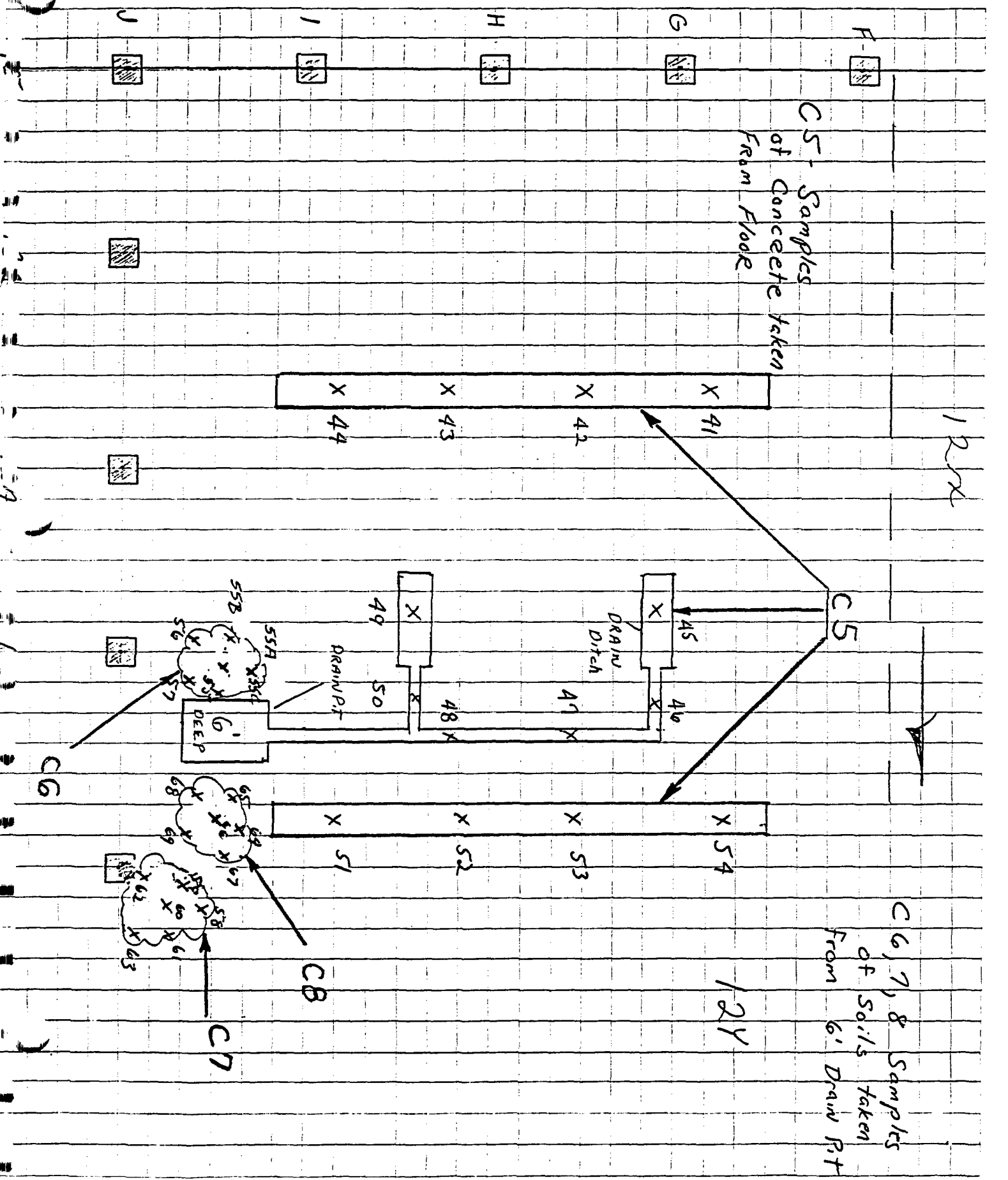
PCB SAMPLING RESULTS METHOD 8060

| LAB ID | TOTAL PCB PPM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH |
|----------|------------------|-----------------|-----------------|---------------|--------------|
| 12-SH-01 | <1.5 | 01 | SOIL | DISCRETE-GRAB | 0"-2" |
| 12-SH-02 | 1.5 | 02 | ASPHALT | DISCRETE-GRAB | 0"-3" |

bee

APPENDIX J, SECTION C-53

| | | | | |
|--|------------------------|-----------|-----------------|-------|
| SUBJECT SAMPLE LOCATIONS - Building 12Y | PROJ. NO. 101-51-01 | BY RWR | DATE 9/16/87 | SHEET |
|--|------------------------|-----------|-----------------|-------|



APPENDIX J, SECTION C-54

| | | | | |
|---|------------------------|----------|-----------------|-------|
| SUBJECT 9LDG. 100 CATCH BASIN SAMPLING | PROJ. NO. 101-76-07 | BY HE | DATE 6-13-88 | SHEET |
|---|------------------------|----------|-----------------|-------|

PRELIMINARY

The following is a summary of the sample results for the sampling conducted in 9LDG. 100 on the Catch Basins. A drawing showing the sample location is attached (see Figure). An Analytical Report provided by the General Electric Laboratories in Pittsfield has also been included.

C.B. Sampling Results

| LAB ID | Total PCB | Sample Material | Sample Location | Sample Type |
|----------|-----------|-----------------|-----------------|---------------------------------------|
| 10-CB-C1 | < 2 PPM | OIL | LOC # 10 | DISCRETE GRAB SAMPLE NORTH C.B. |
| 1-CB-C2 | 8 PPB | WATER | LOC # 10 | DISCRETE GRAB SAMPLE NORTH C.B. |
| -CB-C3 | 11 PPM | SEDIMENT | LOC # 10 | DISCRETE GRAB SAMPLE NORTH C.B. |
| -CB-C4 | < 2 PPM | OIL | LOC # 11 | DISCRETE GRAB SAMPLE SOUTH C.B. |
| -CB-C5 | < 1 PPB | WATER | LOC # 11 | DISCRETE GRAB SAMPLE SOUTH C.B. |
| -CB-C6 | ② 22 PPM | SEDIMENT | LOC # 11 | DISCRETE GRAB SAMPLE SOUTH C.B. |

**GENERAL ELECTRIC
ENVIRONMENTAL LABORATORY
Test Report**

LOG NUMBER: P-4140

DATE: 6-16-88

REQUESTED BY: Blasland & Bouckle

| SAMPLE IDENTIFICATION | Specific Gravity | Total Chlorine | PCB Concentration |
|-------------------------|------------------|----------------|-----------------------|
| C 1 100-CB10-1 oil | | | < 2 PPM |
| C 2 100-CB10-2 WATER | | | 8 PPB |
| C 3 100-CB10-3 SEDIMENT | | | 11 $\frac{ug}{g}$ PPM |
| C 4 100-CB11-1 oil | | | < 2 PPM |
| C 5 100-CB11-2 WATER | | | < 1 PPB |
| C 6 100-CB11-3 SEDIMENT | | | 22 $\frac{ug}{g}$ PPM |
| | | | |
| | | | |
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| | | | |
| | | | |
| | | | |

COMMENTS: _____

REPORT BY: JS Nicholson DATE: _____ APPROVED: _____

DISTRIBUTION: Requestor
 Laboratory File

GENERAL ELECTRIC
ENVIRONMENTAL LABORATORY
Test Report

LOG NUMBER: P-4140

DATE: 6-16-81

REQUESTED BY: Blayland & Bouch

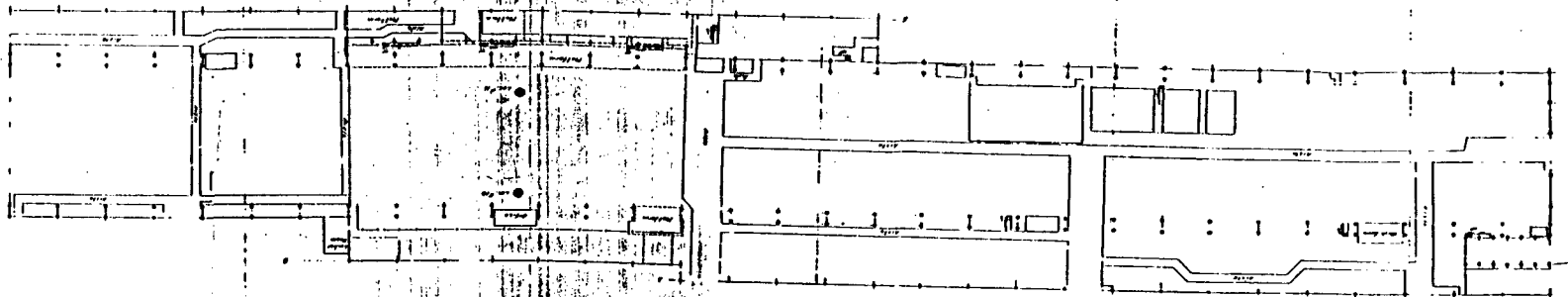
| SAMPLE IDENTIFICATION | Specific Gravity | Total Chlorine | PCB Concentration |
|-----------------------|------------------|----------------|--------------------------------------|
| <u>100-CB-C1</u> | | | <u>22 PPM</u> |
| <u>100-CB-C2</u> | | | <u>8 PPM</u> |
| <u>100-CB-C3</u> | | | <u>11 ⁴⁶/₂</u> |
| <u>100-CB-C4</u> | | | <u>22 PPM</u> |
| <u>100-CB-C5</u> | | | <u>41 PPM</u> |
| <u>100-CB-C6</u> | | | <u>22 ⁴⁶/₂</u> |
| | | | |
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COMMENTS: _____

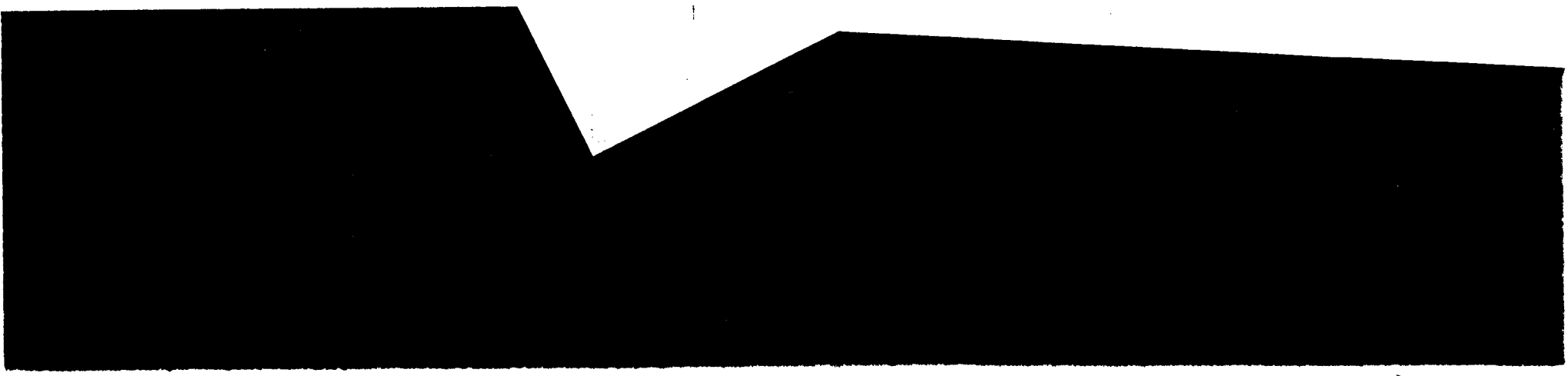
REPORT BY: JS Nicholson DATE: _____ APPROVED: _____

DISTRIBUTION: Requestor
 Laboratory File

0106, 100
M01 Sampling Station
C0101 Basin Sampling
M0101



AL04 3



APPENDIX J, SECTION C-55

| | | | | |
|-------------------------------------|------------------------|-----------|-----------------|-------|
| PROJECT BLDG 12Y-1FLOOR SAMPLING | PROJ. NO. 101-51-01 | BY AUL | DATE 9/16/87 | SHEET |
|-------------------------------------|------------------------|-----------|-----------------|-------|

PRELIMINARY

The following is a summary of the sample results for the sampling conducted in Building 12Y-1st floor. A drawing showing the sample location is attached (see Figure 1). An Analytical Report provided by E&G Laboratories has also been included.

PCB Sampling Results

| LAB ID | Total PCB (ppm) | Sample Material | Sample Location | Sample Depth | Sample Type |
|----------|-----------------|-----------------|--------------------|--|-----------------------------------|
| 12Y-1-C5 | 11.0 | concrete | C5 (41 thru 54) | 6" | Floor composite core ² |
| 12Y-1-C6 | 28 | soil | C6 (55 thru 57) | Approximately ³ 0' to 2' | composite from soil pile |
| 12Y-1-C7 | 10 | soil | C7 (58 thru 63) | Approximately ³ 2' to 4' | composite from soil pile |
| 12Y-1-C8 | < 5 | soil | C8 (64 thru 69) | Approximately ³ 4' to 6' | composite from soil pile |

NOTE: 1. SOIL SAMPLES TAKEN FROM SOIL PILES GENERATED DURING EXCAVATION FOR THE 12Y-CLEANING CENTER SUMP (6' DEPTH).

2 COMPOSITE OF EQUAL WEIGHTS

3 APPROXIMATE LOCATIONS OF SOIL REMOVED FROM EXCAVATED AREA

VELOCATED TO
GRANT BOWMAN (GE)
7-9-90

BLASLAND AND BOUCK ENGINEERS P.C.

To: Files
From: Bruce Eulian
Re: Sweeper Soil Sampling (Bldg.12T)

Date: 06/25/90
File No: 101-51-05
cc: Grant Bowman (GE)

The following is a summary of the sample results for the PCB sampling conducted outside Bldg.12T on 06/20/90. A drawing showing the sample location is attached (see figure 1). An analytical Report provided by OBG Laboratories has also been included.

PCB SAMPLING RESULTS

| LAB ID | TOTAL PCB PPM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH |
|-------------|------------------|-----------------|-----------------|---------------|--------------|
| 12T-SOIL-C1 | 7. | C1 | SOIL | DISCRETE-GRAB | 0'-2' |
| 12T-SOIL-C2 | 4.4 | C2 | SOIL | DISCRETE-GRAB | 0'-2' |

bee

31W Sand Tote Bin
Sampling
101-75-22

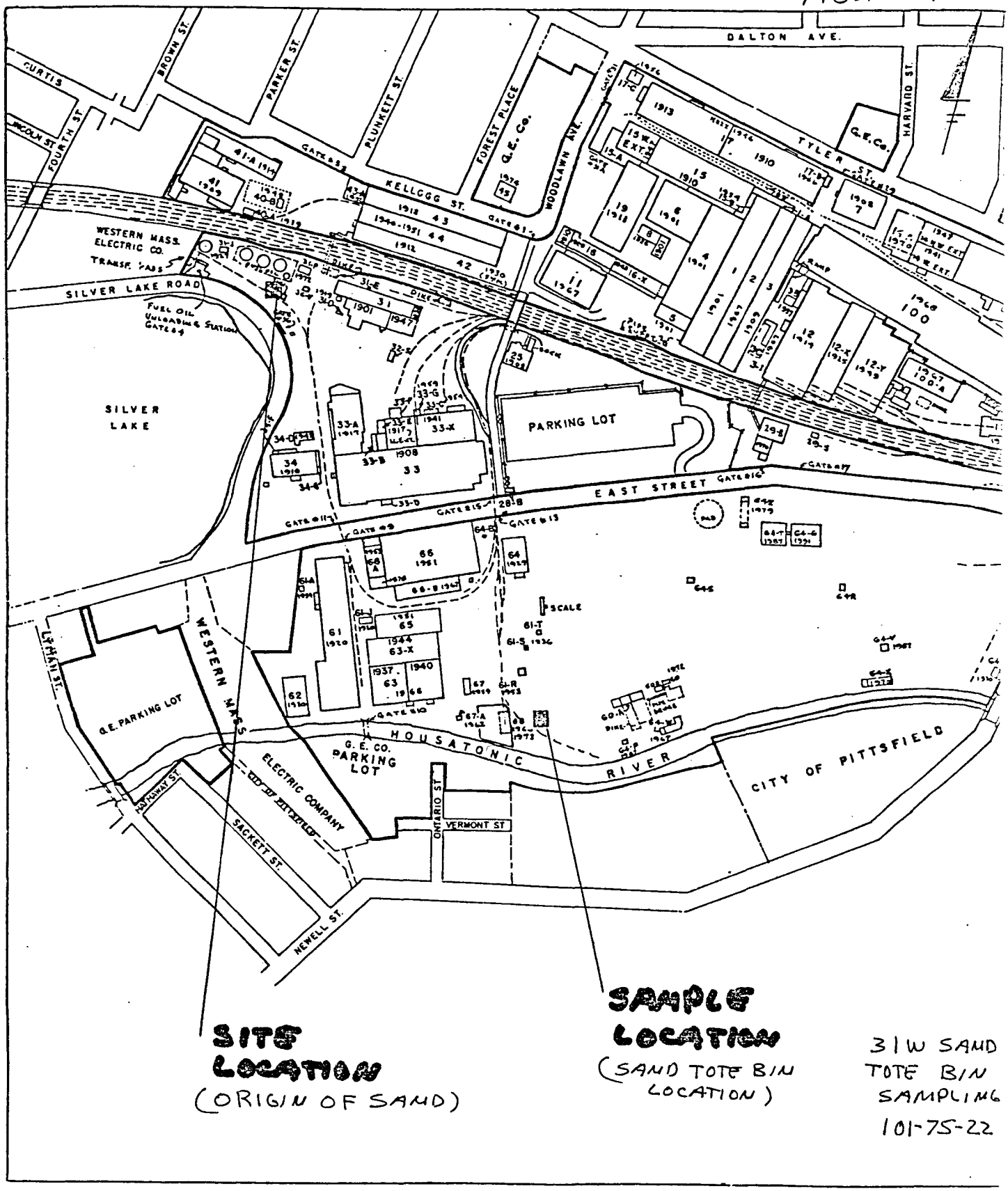
31W Sand Tote Bin
Sampling
101-75-22

Table 1

PCB SAMPLING RESULTS METHOD 9090

| LAB ID | SAMPLE DATE | TOTAL PCB PPM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH | SEE FIGURE |
|------------|-------------|------------------------|-----------------|-----------------|---------------------------------|--------------|------------|
| 31W-ST-C15 | 09-01-92 | 1.4 | 15 | SAND | DISCRETE-GRAB | 0-12" | 2 |
| 31W-ST-C16 | 09-01-92 | 2.4 | 16 | SAND | DISCRETE-GRAB | 0-12" | 2 |
| 31W-ST-C17 | 09-01-92 | 2.2 | 17 | SAND | DISCRETE-GRAB | 0-12" | 2 |
| 31W-ST-C18 | 09-01-92 | 2.4 | 18 | SAND | DISCRETE-GRAB | 0-12" | 2 |
| 31W-ST-C19 | 09-01-92 | 14 | 19 | SAND | DISCRETE-GRAB | 0-12" | 2 |
| LAB ID | SAMPLE DATE | TOTAL TOLP FOR MERCURY | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH | SEE FIGURE |
| 31W-ST-C20 | 09-02-92 | SEE ALPHA LAB REPORT | 1-6 | SAND | DISCRETE-GRAB (FIELD COMPOSITE) | 0-12" | 2 |
| 31W-ST-C21 | 09-02-92 | SEE ALPHA LAB REPORT | 7-12 | SAND | DISCRETE-GRAB (FIELD COMPOSITE) | 0-12" | 2 |
| 31W-ST-C22 | 09-02-92 | SEE ALPHA LAB REPORT | 13-19 | SAND | DISCRETE-GRAB (FIELD COMPOSITE) | 0-12" | 2 |

FIGURE 1



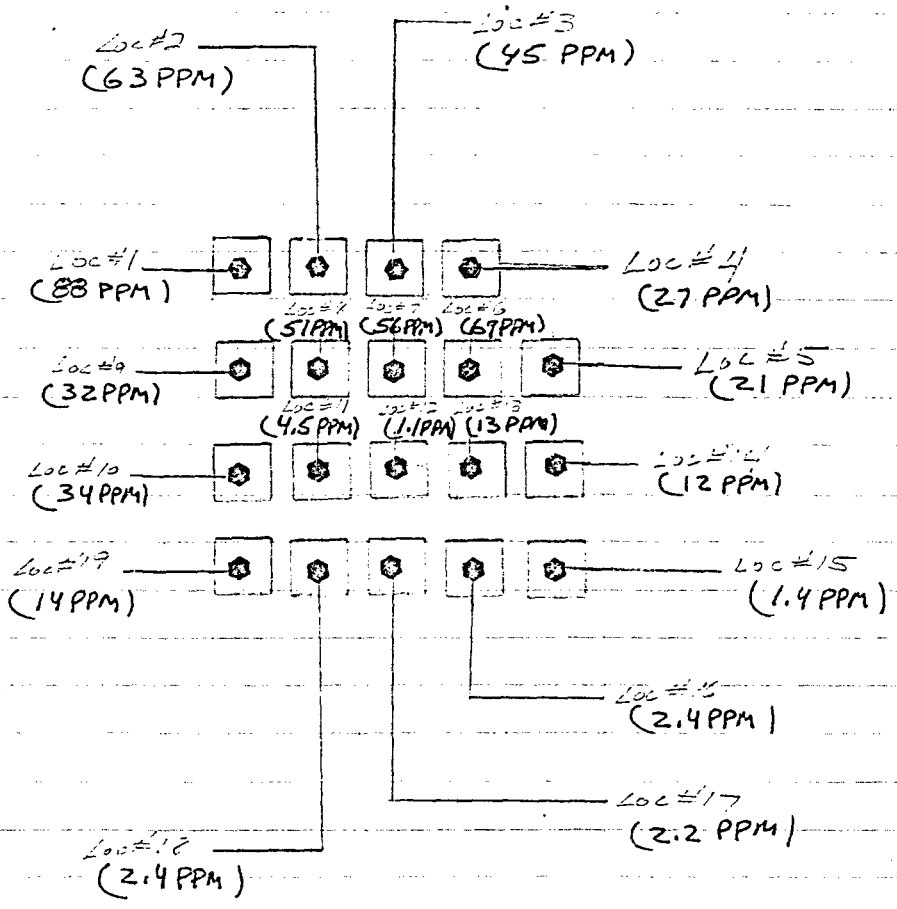
SITE LOCATION
(ORIGIN OF SAND)

SAMPLE LOCATION
(SAND TOTE BIN LOCATION)

31W SAND TOTE BIN SAMPLING
101-75-22

| | | | | |
|---------------------------------------|------------------------|----------|----------------|---------------|
| SUBJECT 31W SAND TOTE BIN SAMPLING | PROJ. NO. 101-75-22 | BY RH | DATE 9-4-92 | SHEET 10/1 |
|---------------------------------------|------------------------|----------|----------------|---------------|

1" TO SCALE



LEGEND

- - TOTE BIN
- ⊗ - SAMPLE LOCATION

ATTACHMENT 1



4341

PRELIMINARY

SEP 9 1992

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520
 DESCRIPTION G.E., Pittsfield Job No. 101-75-8422
31W sand Tote Bin Sampling
 Date Analyzed 9/8/92 DATE COLLECTED See Below DATE RECEIVED 9/1/92

PRELIMINARY

| Lab ID NO. | DATE EXTRACTED | DATE SAMPLED | SCREEN VALUE | PCTS % | PCB | COMMENTS | QC RESULTS |
|------------|----------------|--------------|--------------|--------|------|----------|------------|
| 31W-ST-C1 | 9/4/92 | 9/1/92 | 84 | 95 | 88 | soil | A |
| -C2 | | | 59 | 93 | 63 | | |
| -C3 | | | 42 | 93 | 45 | | |
| -C4 | | | 24 | 89 | 27 | | |
| -C5 | | | 20 | 97 | 21 | | |
| -C6 | | | 61 | 89 | 69 | | |
| -C7 | | | 53 | 95 | 56 | | |
| -C8 | | | 49 | 97 | 51 | | |
| -C9 | | | 31 | 97 | 32 | | |
| -C10 | | | 34 | 99 | 34 | | |
| -C11 | | | 3.9 | 87 | 4.5 | | |
| -C12 | | | 1.1 | 96 | 1.1 | | |
| -C13 | | | 13.0 | 97 | 13.0 | | |
| -C14 | | | 12.0 | 99 | 12.0 | | |
| -C15 | | | 1.3 | 94 | 1.4 | | |

A) Reagent Blank 1:
 Reference Sample 1:
 Matrix Spike 31W-ST-C9:
 Matrix Spike Duplicate:
 Precision:

<1
 $3.4/3.3 = 103\%$
 $4.6/3.3 = 139\% *$
 $4.4/3.3 = 133\% *$
 $4.6 \text{ vs } 4.4 = 4.4\% \text{ RPD}$

Comments: * Elevated detection due to matrix interference.

Certification No.:

Units: mg/Kg = ppm

Authorized: _____

Date: _____



4342

PRELIMINARY

SEP 9 1992

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520
 DESCRIPTION G.E., Pittsfield Job No. 101-75-8422
31W Sand Tote Bin Sampling
 Date Analyzed 9/8/92 DATE COLLECTED See Below DATE RECEIVED 9/2/92

PRELIMINARY

| Lab ID NO. | DATE EXTRACTED | DATE SAMPLED | SCREEN VALUE | PCTS % | PCB | COMMENTS | QC RESULTS |
|-------------------------|----------------|--------------|--------------|--------|-----------------------|----------|------------|
| 31W-ST-C16 | 9/4/92 | 9/1/92 | 2.3 | 95 | 2.4 | soil | A |
| ↓ - C17 | | | 2.1 | 97 | 2.2 | ↓ | ↓ |
| ↓ - C18 | | | 2.2 | 92 | 2.4 | | |
| ↓ - C19 | | | 13 | 92 | 14 | | |
| A) Reagent Blank 1: | | | | | <1 | | |
| Reference Sample 1: | | | | | 3.4/3.3 = 103% | | |
| Matrix Spike 31W-ST-C9: | | | | | 4.6/3.3 = 139% * | | |
| Matrix Spike Duplicate: | | | | | 4.4/3.3 = 133% * | | |
| Precision: | | | | | 4.6 vs 4.4 = 4.4% RPD | | |

Comments: * Elevated detection due to matrix interference.

Certification No.:

Units: mg/Kg

Authorized: _____

Date: _____

ATTACHMENT 2

GENERAL ELECTRIC
ENVIRONMENTAL LABORATORY
Test Report

| | |
|---|---|
| Title: <u>TCLP Analysis of Soil from Bldg 31W Sand</u> <u>tote</u> | Number: <u>EL-92-062</u> |
| Test by: <u>Alpha Analytical</u> | Date: <u>September 21, 1992</u> |
| Report by: <u>WA Fessler</u> | Requested by: <u>A Cole</u> |
| | Approved: <u><i>[Signature]</i></u> <u>9/21/92</u> |

Three samples of soil from the Building 31W sand tote were sent to Alpha Analytical Laboratories for determination of toxicity characteristics due to mercury by the Toxicity Characteristic Leaching Procedure (TCLP, 40CFR268, Appendix I). The results are summarized in the attached table.

The samples did not show the characteristic of toxicity due to mercury. No mercury was detected in the extraction procedure.

A copy of the report from Alpha is attached.

DISTRIBUTION: Manager, Environmental Laboratory C23
 A Cole 11-205

| Sample ID | Result | Regulatory Limit | |
|-----------------------|--------|------------------|----|
| 31W-ST-C20 | mg/L | mg/L | |
| Arsenic | | 5.000 | OK |
| Barium | | 100.000 | OK |
| Cadmium | | 1.000 | OK |
| Chromium | | 5.000 | OK |
| Lead | | 5.000 | OK |
| Mercury | < .005 | .200 | OK |
| Selenium | | 1.000 | OK |
| Silver | | 5.000 | OK |
| <hr/> | | | |
| o-Cresol | | 200.000 | OK |
| m-Cresol | | 200.000 | OK |
| p-Cresol | | 200.000 | OK |
| Cresols | | 200.000 | OK |
| 2,4-Dinitrotoluene | | .130 | OK |
| Hexachlorobenzene | | .130 | OK |
| Hexachlorobutadiene | | .500 | OK |
| Hexachloroethane | | 3.000 | OK |
| Nitrobenzene | | 2.000 | OK |
| Pentachlorophenol | | 100.000 | OK |
| 2,4,5-Trichlorophenol | | 400.000 | OK |
| 2,4,6-Trichlorophenol | | 2.000 | OK |
| Pyridine | | 5.000 | OK |
| <hr/> | | | |
| Benzene | | .500 | OK |
| Carbon Tetrachloride | | .500 | OK |
| Chlorobenzene | | 100.000 | OK |
| Chloroform | | 6.000 | OK |
| 1,4-Dichlorobenzene | | 7.500 | OK |
| 1,2-Dichloroethane | | .500 | OK |
| 1,1-Dichloroethylene | | .700 | OK |
| Tetrachloroethylene | | .700 | OK |
| Trichloroethylene | | .500 | OK |
| Vinyl Chloride | | .200 | OK |
| Methyl Ethyl Ketone | | 200.000 | OK |

| Sample ID | Result | Regulatory Limit |
|-----------------------|--------|------------------|
| 31W-ST-C21 | mg/L | mg/L |
| Arsenic | | 5.000 OK |
| Barium | | 100.000 OK |
| Cadmium | | 1.000 OK |
| Chromium | | 5.000 OK |
| Lead | | 5.000 OK |
| Mercury | < .005 | .200 OK |
| Selenium | | 1.000 OK |
| Silver | | 5.000 OK |
| <hr/> | | |
| o-Cresol | | 200.000 OK |
| m-Cresol | | 200.000 OK |
| p-Cresol | | 200.000 OK |
| Cresols | | 200.000 OK |
| 2,4-Dinitrotoluene | | .130 OK |
| Hexachlorobenzene | | .130 OK |
| Hexachlorobutadiene | | .500 OK |
| Hexachloroethane | | 3.000 OK |
| Nitrobenzene | | 2.000 OK |
| Pentachlorophenol | | 100.000 OK |
| 2,4,5-Trichlorophenol | | 400.000 OK |
| 2,4,6-Trichlorophenol | | 2.000 OK |
| Pyridine | | 5.000 OK |
| Benzene | | .500 OK |
| Carbon Tetrachloride | | .500 OK |
| Chlorobenzene | | 100.000 OK |
| Chloroform | | 6.000 OK |
| 1,4-Dichlorobenzene | | 7.500 OK |
| 1,2-Dichloroethane | | .500 OK |
| 1,1-Dichloroethylene | | .700 OK |
| Tetrachloroethylene | | .700 OK |
| Trichloroethylene | | .500 OK |
| Vinyl Chloride | | .200 OK |
| Methyl Ethyl Ketone | | 200.000 OK |

| Sample ID | Result | Regulatory Limit | |
|-----------------------|--------|------------------|----|
| 31W-ST-C22 | mg/L | mg/L | |
| Arsenic | | 5.000 | OK |
| Barium | | 100.000 | OK |
| Cadmium | | 1.000 | OK |
| Chromium | | 5.000 | OK |
| Lead | | 5.000 | OK |
| Mercury | < .005 | .200 | OK |
| Selenium | | 1.000 | OK |
| Silver | | 5.000 | OK |
| <hr/> | | | |
| o-Cresol | | 200.000 | OK |
| m-Cresol | | 200.000 | OK |
| p-Cresol | | 200.000 | OK |
| Cresols | | 200.000 | OK |
| 2,4-Dinitrotoluene | | .130 | OK |
| Hexachlorobenzene | | .130 | OK |
| Hexachlorobutadiene | | .500 | OK |
| Hexachloroethane | | 3.000 | OK |
| Nitrobenzene | | 2.000 | OK |
| Pentachlorophenol | | 100.000 | OK |
| 2,4,5-Trichlorophenol | | 400.000 | OK |
| 2,4,6-Trichlorophenol | | 2.000 | OK |
| Pyridine | | 5.000 | OK |
| <hr/> | | | |
| Benzene | | .500 | OK |
| Carbon Tetrachloride | | .500 | OK |
| Chlorobenzene | | 100.000 | OK |
| Chloroform | | 6.000 | OK |
| 1,4-Dichlorobenzene | | 7.500 | OK |
| 1,2-Dichloroethane | | .500 | OK |
| 1,1-Dichloroethylene | | .700 | OK |
| Tetrachloroethylene | | .700 | OK |
| Trichloroethylene | | .500 | OK |
| Vinyl Chloride | | .200 | OK |
| Methyl Ethyl Ketone | | 200.000 | OK |

ALPHA ANALYTICAL LABORATORIES

Eight Walkup Drive
Westborough, Massachusetts 01581-1019
(508) 898-9220

MA 086 NH 198958-A CT PH-0574 NY 11148 NC 320 SC 88006

CERTIFICATE OF ANALYSIS

Client: GE Company

Laboratory Job Number: 9206315

Address: Mail Code C23

Invoice Number: 033592

Pittsfield, MA 01201

Date Received: 02-SEP-92

Attn: William Fessler

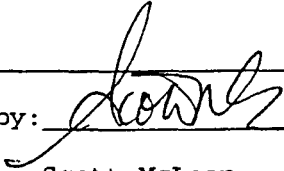
Date Reported: 16-SEP-92

Project Number: 101-75-84

Delivery Method: Alpha

Site: BIN Sampling

| ALPHA SAMPLE NUMBER | CLIENT IDENTIFICATION | SAMPLE LOCATION |
|---------------------|-----------------------|--------------------|
| 9206315-01 | 31W-ST-C20 | Bldg 31W Sand Tote |
| 9206315-02 | 31W-ST-C21 | Bldg 31W Sand Tote |
| 9206315-03 | 31W-ST-C22 | Bldg 31W Sand Tote |

Authorized by: 

Scott McLean - Laboratory Director

ALPHA ANALYTICAL LABORATORIES
QUALITY ASSURANCE SPIKE ANALYSES

Laboratory Job Number: 9206315

| Parameter | % Recovery |
|-----------------|-------------------------------|
| TCLP Extraction | MS/MSD for sample(s) 01,02,03 |
| Mercury, TCLP | 95 |

ALPHA ANALYTICAL LABS
ADDENDUM I
REFERENCES

1. Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. 1986.
3. Standard Methods for Examination of Water and Waste Water. APHA-AWWA-WPCF. 17th Edition. 1989.

APPENDIX J, SECTION C-56

GRANT BOWMAN @
3-15-91

BLASLAND AND BOUCK ENGINEERS P.C.

To: Files
From: Bruce Eulian
Re: Bldg's 12Y - 100 Water Shutoff Sampling

Date: 3-15-91
File No: 101-75-01
cc: Grant Bowman (GE)
Mark Phillips (GE)

The following is a summary of the sample results for the PCB sampling program conducted in the roadway between Bldg's 12Y and 100 on 3-6-91. A drawing showing the sample location is attached (see figure 1). An analytical Report provided by OEG Laboratories has also been included.

PCB SAMPLING RESULTS METHOD 8080

| LAB ID | TOTAL PCB PPM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH |
|---------------|------------------|-----------------|-----------------|---------------|--------------|
| Y-100-WS-C1 | <1.0 | 1 | SOIL | DISCRETE-GRAB | 0'-2' |
| 12Y-100-WS-C2 | <1.0 | 2 | SOIL | DISCRETE-GRAB | 0'-2' |
| 12Y-100-WS-C3 | 2.8 | 3 | ASPHALT | DISCRETE-GRAB | 0"-3" |

jhh

2152



Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield Job No. 101-75-01

Date Analyzed 3/7 → 3/8/91 DATE COLLECTED See Below DATE RECEIVED 3/6/91

| Lab ID NO. | DATE EXTRACTED | DATE SAMPLED | SCREEN VALUE | PCTS | PCB | COMMENTS | QC RESULTS |
|-------------------------|----------------|--------------|--------------|----------|-------------|----------|------------|
| 12Y-100-WS-C1 | 3/7/91 | 3/6/91 | .29 | 94 | <1 | soil | A |
| 12Y-100-WS-C2 | ↓ | ↓ | .83 | 92 | <1 | soil | ↓ |
| 12Y-100-WS-C3 | | | | 2.8 | asphalt | | |
| 9B-SLS-C1 | | | .49 | 88 | <1 | soil | |
| 9B-SLS-C2 | | | .21 | 89 | <1 | soil | |
| 9B-SLS-C3 | | | <1 | concrete | | | |
| 9B-SLS-C4 | | | <1 | concrete | | | |
| 9B-SLS-C5 | | | <1 | asphalt | | | |
| A) Reagent Blank 2: | | | | | | | |
| Matrix Spike 9B-SLS-C1: | | | | | 2.4/4 = 60% | | |

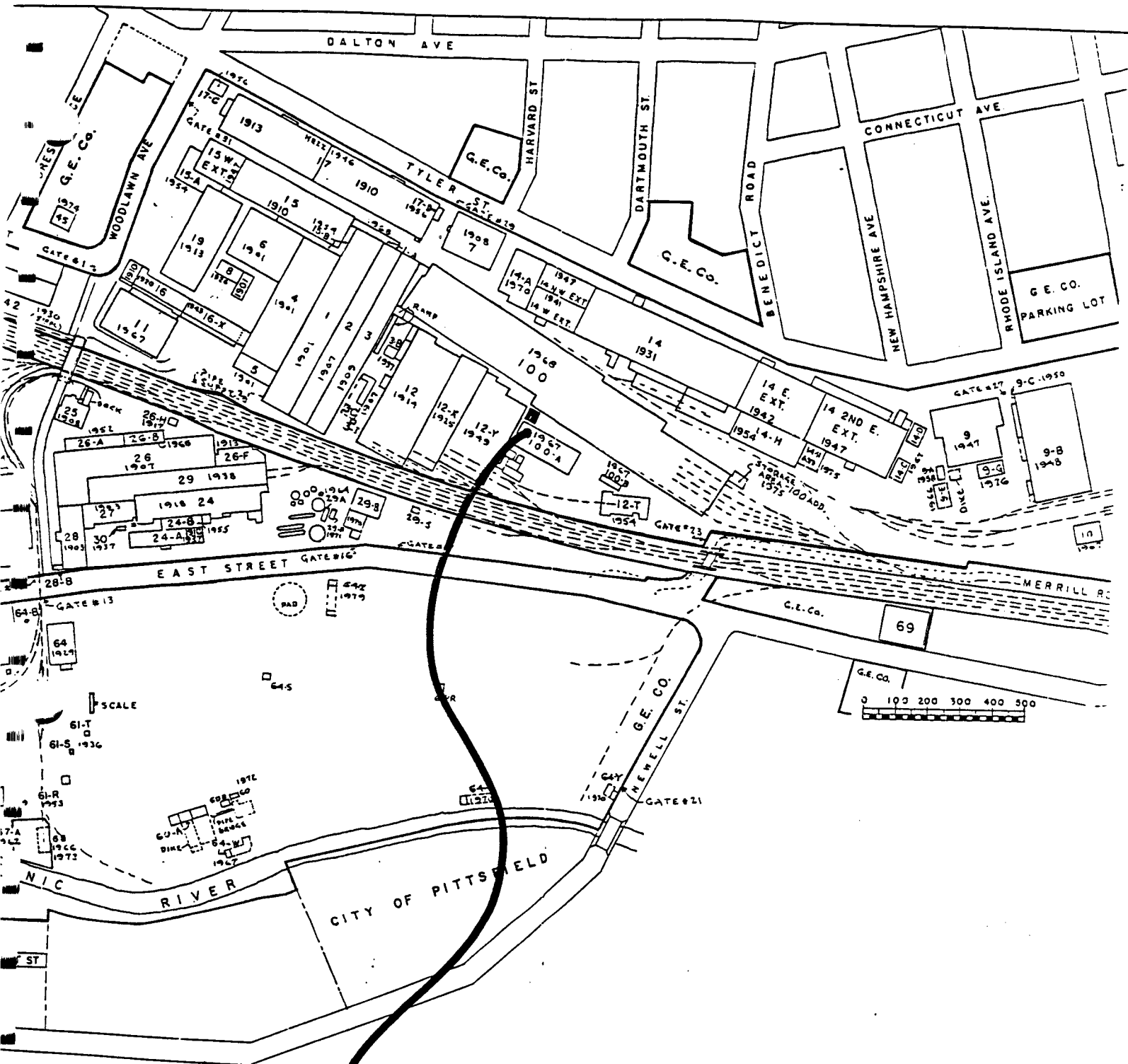
Comments:

Certification No.:

Units: ug/g = ppm

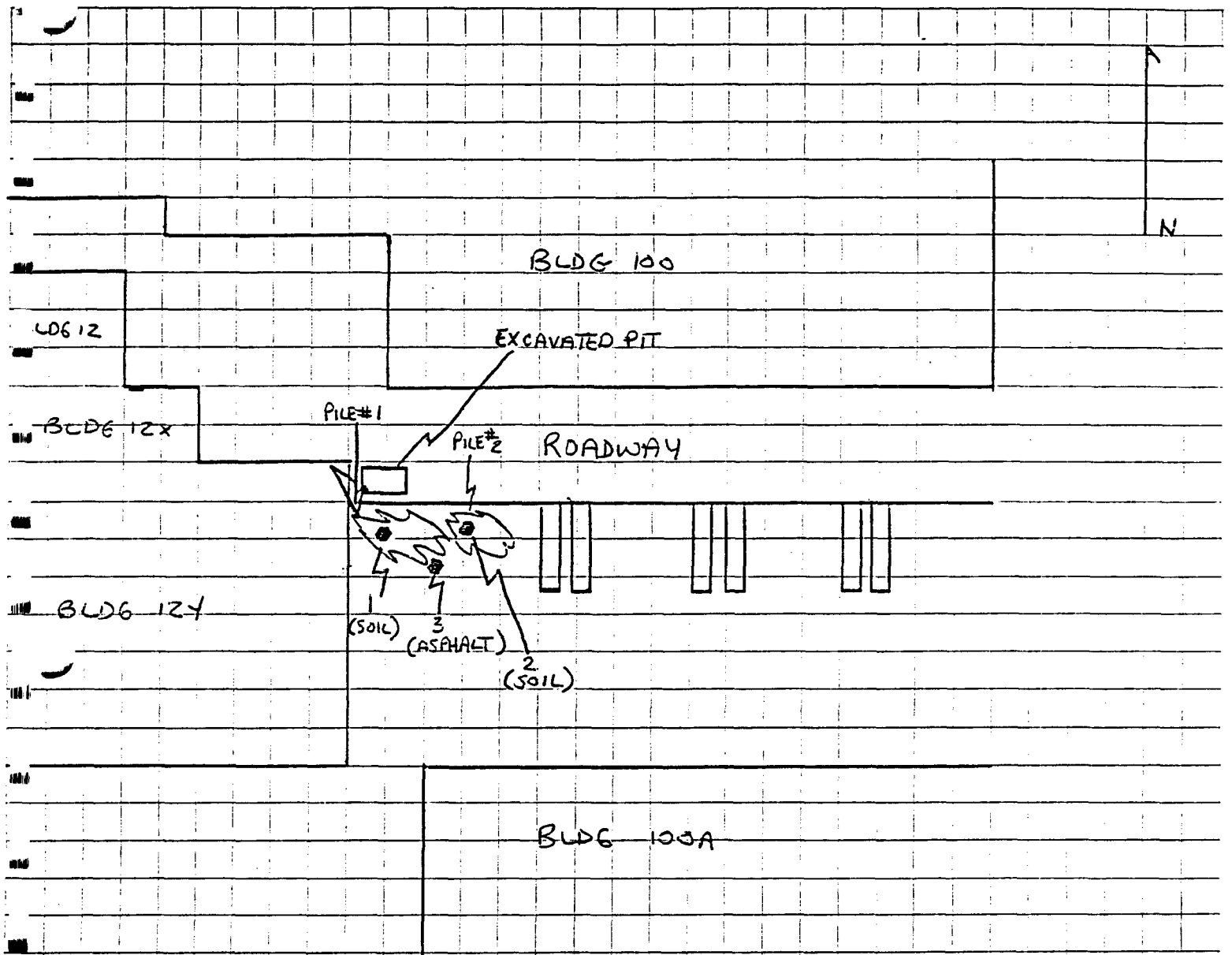
Authorized: _____

Date: _____



SITE LOCATION

| | | | | |
|-------------------------------------|-----------|-----|--------|--------|
| PROJECT | PROJ. NO. | BY | DATE | SHEET |
| BLDG 124-100 WATER SHUTOFF SAMPLING | 101-75-01 | JJH | 3-7-91 | 1 of 1 |



BLDG 124-100 WATER SHUTOFF SAMPLING
101-75-01
● - SAMPLE LOCATION

PILE #1 7.7 CU YDS
PILE #2 1.1 CU YDS

APPENDIX J, SECTION C-57

DELIVERED
TO GRANT BOWMAN (GT)
8-19-91

BLASLAND & BOUCK ENGINEERS P.C.

To: Files
From: Bruce Eulian
Re: Bldg. 12Y-1 (outside)
Valve#10 Sampling

Date: 7/30/91
File NO: 101.75.01
cc: G. Bowman (GE)

The following is a summary of the sample results for the PCB sampling program conducted outside Bldg.12Y-1 on 7/24/91. A drawing showing the sample location is attached (see figure 1). An analytical report provided by OBG Laboratories has also been included.

PCB SAMPLING RESULTS METHOD 8080

| LAB ID | TOTAL PCB PPM | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH |
|-----------------|------------------|--------------------|----------------|--------------|
| -S-V#10-S-0-C1 | LESS THEN 1 | SOIL | DISCRETE-GRAB | 0'-1' |
| F-S-V#10-S-0-C2 | LESS THEN 1 | SOIL | DISCRETE-GRAB | 0'-2' |
| -S-V#10-S-0-C3 | 1.9 | SOIL | DISCRETE-GRAB | 0'-3' |
| F V#10-S-0-C4 | LESS THEN 1 | ASPHALT | DISCRETE-GRAB | 0"-2" |



3071
PRELIMINARY
JUL 26 1991

Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield Job No. 101-75-01

Date Analyzed 7/26/91 DATE COLLECTED See Below DATE RECEIVED 7/24/91

| Lab ID NO. | DATE EXTRACTED | DATE SAMPLED | SCREEN VALUE | PCTS % | PCB | COMMENTS | QC RESULTS |
|------------------------------|----------------|--------------|--------------|--------|--------------|----------|------------|
| FS-V#10-S-0-C1 | 7/25/91 | 7/24/91 | <1 (.92) | 95 | <1 | soil | A |
| ↓ .C2 | ↓ | ↓ | <1 (.68) | 95 | <1 | ↓ | ↓ |
| ↓ .C3 | ↓ | ↓ | 1.8 | 95 | 1.9 | ↓ | ↓ |
| ↓ .C4 | ↓ | ↓ | <1 (.44) | 95 | <1 | asphalt | ↓ |
| A) Reagent Blank 1: | | | | | <1 | | |
| Matrix Spike FS-V#10-S-0-C2: | | | | | 3.87/5 = 77% | | |

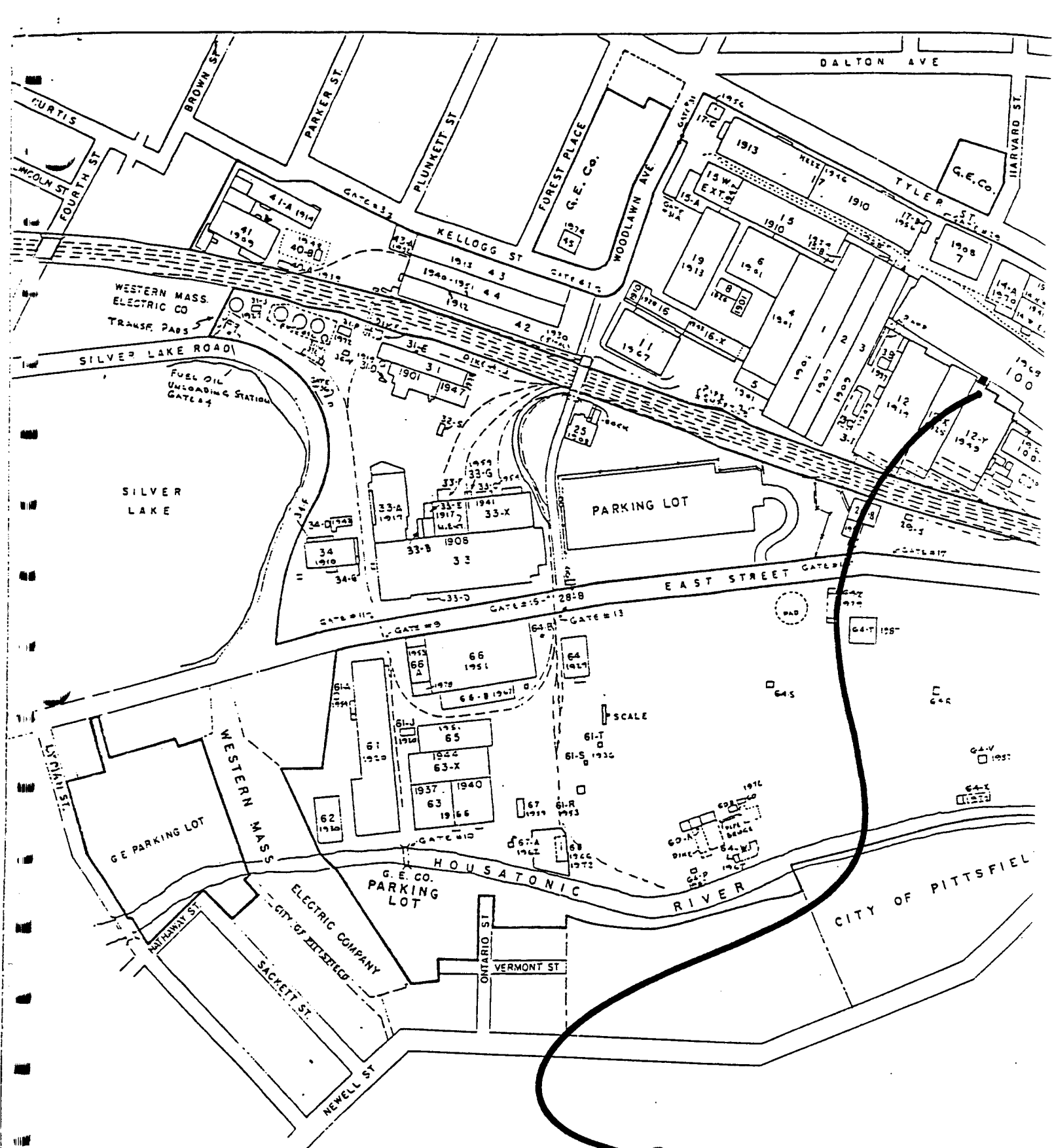
Comments:

Certification No.:

Units: ug/g = ppm

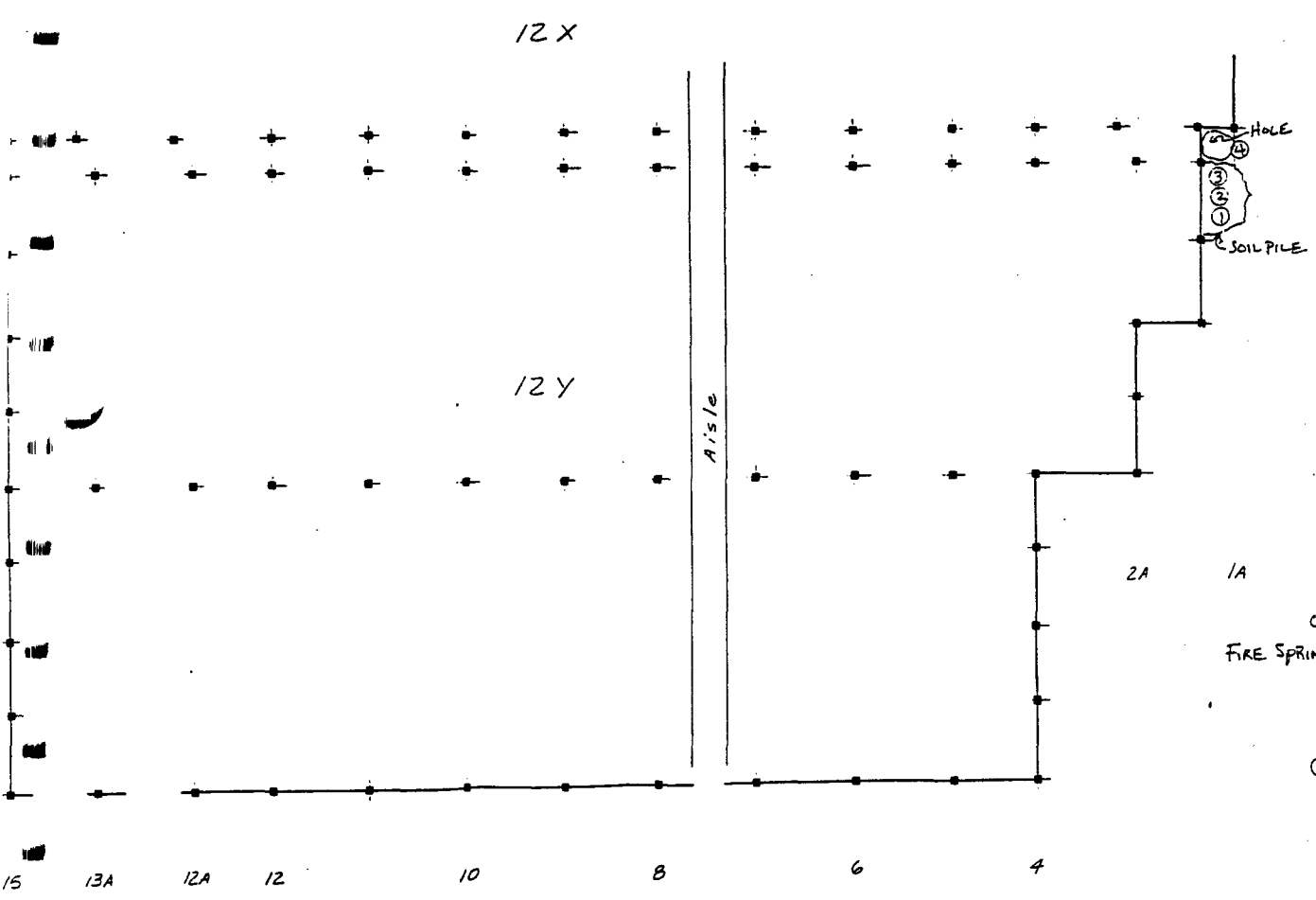
Authorized: _____

Date: _____



SITE LOCATION

FIGURE #1



OUTSIDE BLDG 12
 FIRE SPRINKLER VALVE # 1C
 SOIL / ASPHALT SE
 101.75.01

○ - SAMPLE LOCA

APPENDIX J, SECTION C-58

GRANT BOWMAN (GE)
7-9-90

BLASLAND AND BOUCK ENGINEERS P.C.

To: Files
From: Bruce Eulian
Re: 31W-Oil-Water Separator Soil Sampling

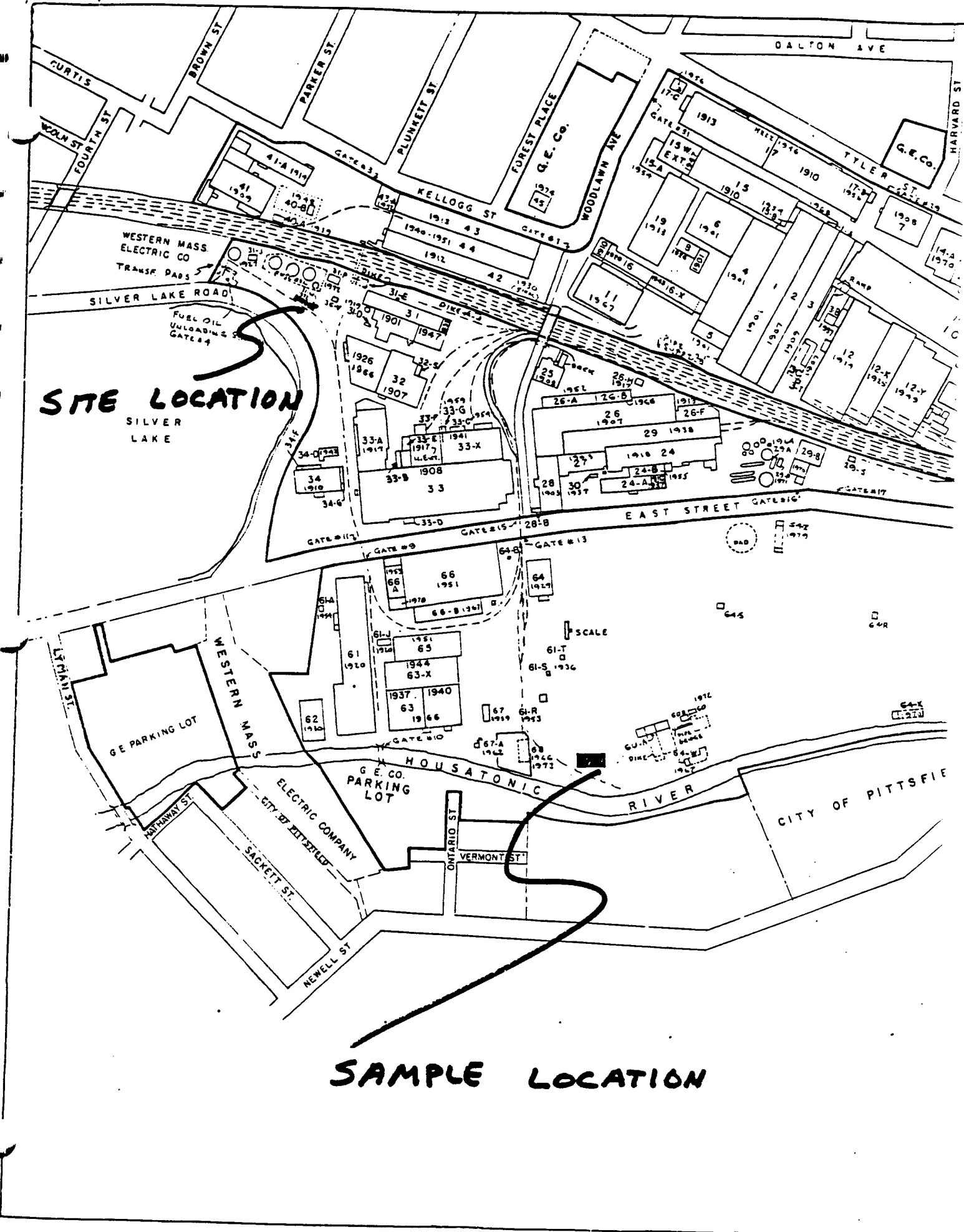
Date: 06/25/90
File No: 101-51-05
cc: Grant Bowman (6E)

The following is a summary of the sample results for the PCB sampling conducted at the MRC Yard on 06/21/90. A drawing showing the sample location is attached (see figure 1). An analytical Report provided by OBG Laboratories has also been included.

PCB SAMPLING RESULTS

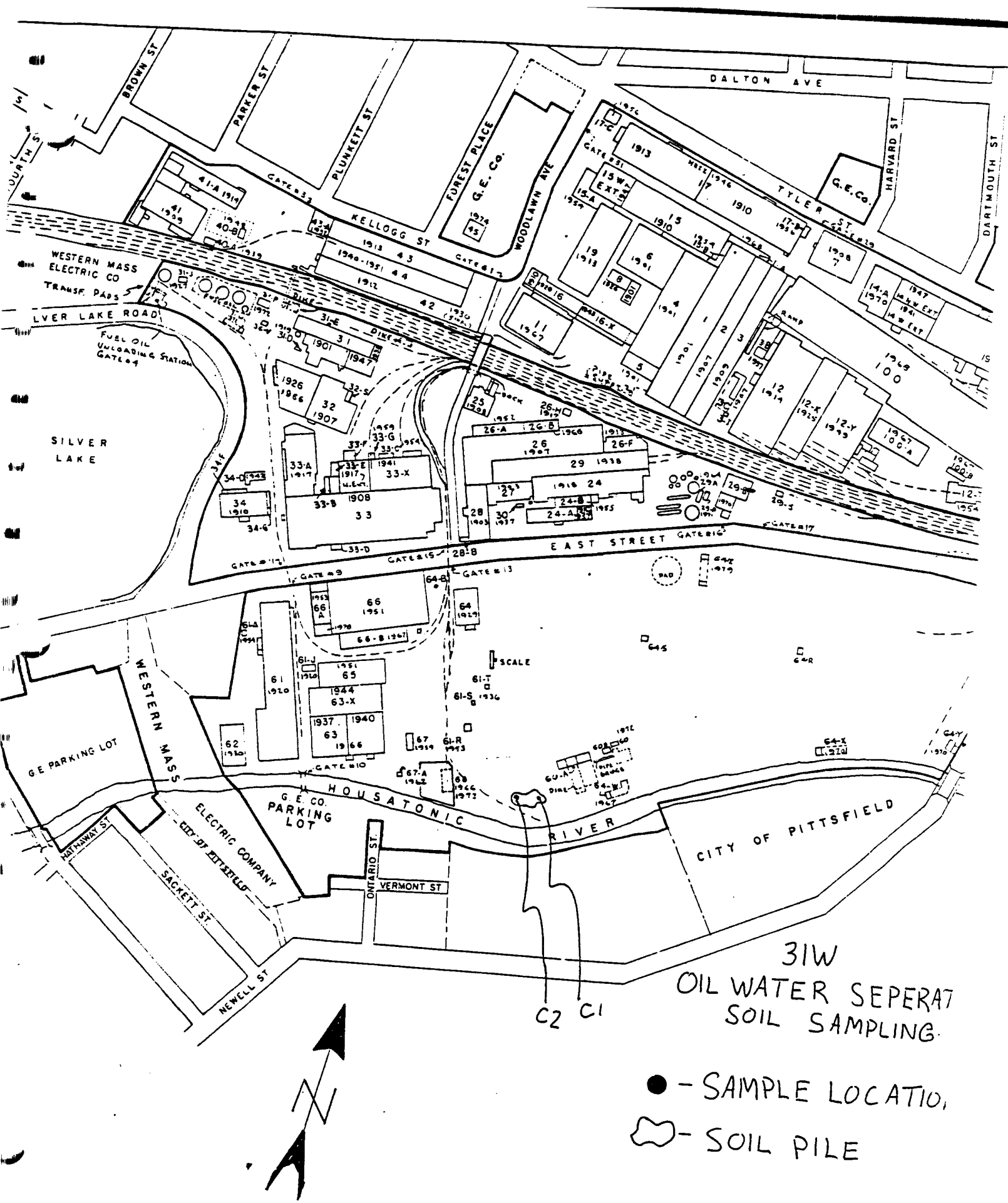
| LAB ID | TOTAL PCB PPM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH |
|-------------|------------------|-----------------|-----------------|---------------|--------------|
| 31W-SOIL-C1 | 7.6 | C1 | SOIL | DISCRETE-GRAB | 0'-2' |
| 31W-SOIL-C2 | <2. | C2 | SOIL | DISCRETE-GRAB | 0'-2' |

bee



SITE LOCATION
SILVER LAKE

SAMPLE LOCATION



31W
OIL WATER SEPERAT
SOIL SAMPLING.

- - SAMPLE LOCATION
- ☞ - SOIL PILE

APPENDIX J, SECTION C-59

To: Files

Date: 9-4-92

From: Bruce Eulian

File No: 101-75-22

Re: 31W Sand Tote Bin
Sampling

INITIATOR: Aimee Cole (GE)

DATE: 9-2-92

BLDG. LOCATION: Bldg.64 (Scrap Yard)

CONTACT PERSON: Aimee Cole (GE)

EXT: 2534

ITEM DESCRIPTION:

1.) Sand

PURPOSE: To collect samples for GE to determine the proper disposal method for the sand that was collected from Bldg.31W. See attached letter dated 8-13-92.

NOTES: The following sampling program was implemented at the request of Aimee Cole (GE).

1.) Sand collected from bldg.31W is to be sampled for PCB's using Method 8080.

2.) Sand collected from bldg.31W is to be sampled for TCLP for mercury only.

3.) GE requests the samples being analyzed for PCB's to be analyzed at DBS Laboratories in Pittsfield, Mass.

4.) GE requests the samples being analyzed for TCLP for mercury only to be analyzed at Alpha Analytical Laboratories via GE Pittsfield Lab (for courier pickup).

8-13-92

SAMPLING REQUEST

TO: B. EULIAN B & B

FROM: AIMEE COLE GEC



SAMPLING OF SAND FROM 31 W

LOCATION: TOTE BINS ON BLDG. 64 PAD

Please sample the 19 bins of sandy material which are located on bldg. 64 pad for PCB (each bin) and ³TCLP for mercury. The PCB sampling may be d-grab for each bin and the mercury may be composited. Divide the 19 bins into two groups of 6 and one group of 7 and composite each group for a total of three samples. Please number the bins so we can figure out the results.

PCB's may be analyzed by O B & G. TCLP for mercury should be sent to Alpha.

PRELIMINARY

DELIVERED TO GRANT
BOWMAN (GE) 9-23-92

BLASLAND AND BOUCK ENGINEERS P.C.

SAMPLING PROGRAM FIELD SUMMARY

To: Files
From: Bruce Eulian
Re: 31W Sand Tote Bin
Sampling

Date: 9-4-92
File No: 101-75-22
cc: Grant Bowman (GE)
Robert Rhoades (B & S)

The following is a summary of samples (Table 1) collected from the sand that originated from bldg. 31W and was placed in 19 bins at #4 Yard. At the request of Aimee Cole (GE) 1 discrete-grab sample from each bin is to be collected and analyzed for PCB's using Method 8080, also 3 discrete-grab samples (field composites) are to be collected and analyzed for TOLP for security only.

Drawings showing the site location (Figure 1) and the sample locations (Figure 2) have been attached. A preliminary analytical report provided by DRG Laboratories (Attachment 1) has been included. A analytical report from Alpha Analytical Laboratories has also been included (Attachment 2).

PRELIMINARY

31W Sand Tote Bin
Sampling
101-75-22

Table 1

PCB SAMPLING RESULTS METHOD 8080

| LAB ID | SAMPLE DATE | TOTAL PCB FPM | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH | SEE FIGURE |
|------------|-------------|---------------|-----------------|-----------------|---------------|--------------|------------|
| 31W-ST-01 | 09-01-92 | 88.0 | 1 | SAND | DISCRETE-GRAB | 0-12" | 2 |
| 31W-ST-02 | 09-01-92 | 63.0 | 2 | SAND | DISCRETE-GRAB | 0-12" | 2 |
| 31W-ST-03 | 09-01-92 | 45.0 | 3 | SAND | DISCRETE-GRAB | 0-12" | 2 |
| 31W-ST-04 | 09-01-92 | 27.0 | 4 | SAND | DISCRETE-GRAB | 0-12" | 2 |
| 31W-ST-05 | 09-01-92 | 21.0 | 5 | SAND | DISCRETE-GRAB | 0-12" | 2 |
| 31W-ST-06 | 09-01-92 | 69.0 | 6 | SAND | DISCRETE-GRAB | 0-12" | 2 |
| 31W-ST-07 | 09-01-92 | 56.0 | 7 | SAND | DISCRETE-GRAB | 0-12" | 2 |
| 31W-ST-08 | 09-01-92 | 51.0 | 8 | SAND | DISCRETE-GRAB | 0-12" | 2 |
| 31W-ST-09 | 09-01-92 | 32.0 | 9 | SAND | DISCRETE-GRAB | 0-12" | 2 |
| 31W-ST-010 | 09-01-92 | 34.0 | 10 | SAND | DISCRETE-GRAB | 0-12" | 2 |
| 31W-ST-011 | 09-01-92 | 4.5 | 11 | SAND | DISCRETE-GRAB | 0-12" | 2 |
| 31W-ST-012 | 09-01-92 | 1.1 | 12 | SAND | DISCRETE-GRAB | 0-12" | 2 |
| 31W-ST-013 | 09-01-92 | 13.0 | 13 | SAND | DISCRETE-GRAB | 0-12" | 2 |
| 31W-ST-014 | 09-01-92 | 12.0 | 14 | SAND | DISCRETE-GRAB | 0-12" | 2 |

APPENDIX J, SECTION C-60

FAX TRANSMISSION

April 12, 1990

RECEIVED
APR 17 1990
ENVIRONMENTAL PROGRAMS

Ms. Kristen Begor
GE Company
100 Woodlawn Avenue - Bldg 11-250
Pittsfield, MA 01201

Re: Results of the Soil Boring Program Adjacent to Building 100, GE
Company, Pittsfield, Massachusetts (Project No. AY01301)

Dear Kristen:

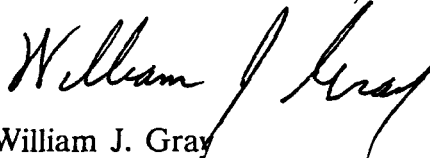
Enclosed are copies of the soil boring logs, geotechnical information, site map and photoionization detector results for the soil samples collected adjacent to Building 100.

Drilling operations took place on February 21-22, 1990 at locations north of Building 100 and inside Building 14. Soil Samples were collected in two-foot intervals from grade to three-feet below grade for all borings. All samples were screened in the field for volatile organic compounds (VOCs) using a TIP™ photoionization detector. The readings obtained were within background levels, see attached table. The samples were then submitted to GE for PCB analyses in the on-site laboratory.

If you have any questions, please do not hesitate to call us.

Sincerely,

GERAGHTY & MILLER, INC.



William J. Gray
Project Scientist



Dennis Colton
Principal Scientist

DC:WJG/clc



G.E.CO.

G.E.CO.

TYLER ST.

BUILDING 17

BUILDING 7

BUILDING 14

1-A

BUILDING 15

BUILDING 100

6

8

4

1

2

3

12

12-X

12-Y

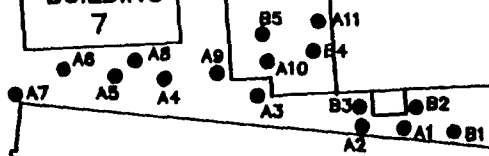
100-A

100-B

12-T

16-X

5



EXPLANATION

● A-1 SOIL BORING LOCATION

SCALE

0 200 FT



GERAGHTY & MILLER, INC.
Environmental Services

SOIL BORING LOCATIONS NORTH OF BUILDING 100

G.E. COMPANY PITTSFIELD MASS.

FIGURE

1

TABLE 1. SUMMARY OF PHOTOIONIZATION DETECTOR RESULTS FOR SOIL SAMPLES COLLECTED AT GE COMPANY, BLDG. 100, PITTSFIELD, MASSACHUSETTS, FEBRUARY 1990

| | | Sample Interval (0-3 feet) and correlating TIP Results (ppm) ^a | |
|-------------------|------------------|--|--|
| <u>Boring No.</u> | | | |
| A-2 | 0.2 | | |
| A-3 | 0.3 | | |
| A-4 | 1.8 | | |
| A-5 | 0.2 | | |
| A-6 | 0.3 | | |
| A-7 | 0.5 ^b | 0.2 ^c | |
| A-8 | 0.9 | | |
| A-9 | 0.1 | | |
| A-10 | 0.3 | | |
| A-11 | 1.4 | | |
| B-1 | 0.4 | | |
| B-2 | 0.9 | | |
| B-3 | 0.4 | | |
| B-4 | 1.0 | | |
| B-5 | 0.9 | | |

^a) These results are qualitative only and do not represent the absolute concentrations of any volatile organic compound in the soil core, whether the compound is natural or man-made.

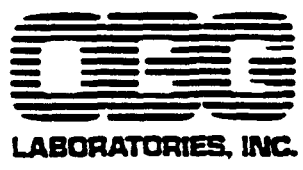
^b) Sample interval is 0-2 feet.

^c) Sample interval is 2-4 feet.

Soil Sample Results

1471

Laboratory Report



CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520
 DESCRIPTION G.E., Pittsfield Job No: _____
 DATE COLLECTED See Below DATE RECD. 2/22/90 DATE ANALYZED 2/22/90 → 2/23,

| LAB ID NO. | DATE EXTRACTED | DATE SAMPLED | SCREEN VALUE mg/Kg wet wt | PCTS (%) | Total PCB mg/Kg dry wt. | COMMENTS | QC RESULTS |
|----------------------------|----------------|--------------|---------------------------------|-------------|----------------------------------|----------|---------------|
| B-2 (0-3') | 2/22/90 | 2/22/90 | 3.2 | 87.9 | 3.6 | Soils | A |
| B-3 | | | 0.89 | 85.4 | 1. | | |
| B-4 | | | 1.3 | 89.6 | 1.5 | | |
| B-5 | | | 3.5 | 93.1 | 3.8 | | |
| -5 | | | 18 | 94.2 | 19 | | |
| A-6 | | | 4.6 | 93.4 | 4.1 | | |
| A-10 | | | 2. | 94 | 2.1 | | |
| A-11 | | | 4.6 | 93 | 4.1 | | |
| A-9 | | | 7.8 | 99.6 | 7.8 | | |
| A) Duplicate of A-9 (0-3') | | | 6.9 | 99.6 | 6.9 vs 7.8 | | 90 RPD= |
| Lab Blank 3 2/22/90 | | | — | — | 4.1 | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Methodology: Federal Register — 40 CFR, Part 136, October 26, 1984

Units: mg/l (ppm) unless otherwise noted

Comments:

Authorized: _____

Concrete Core Results

1193



Laboratory Report

CLIENT BLASLAND & BOUCK ENGINEERS, P.C. JOB NO. 2887.026.520

DESCRIPTION G.E., Pittsfield Job No. 101-75-03

DATE COLLECTED See Below DATE RECD. 3/6/90 DATE ANALYZED 3/8/90

| LAB ID NO. | DATE EXTRACTED | DATE SAMPLED | SCREEN VALUE mg/Kg | PCTS | Total PCB mg/Kg | COMMENTS | QC RESULTS |
|----------------------------|----------------|--------------|-----------------------|------|--------------------|----------|------------|
| 14-A1-C45 | 3/7/90 | 3/6/90 | | | <2. | concrete | A |
| A2-C46 | | | | | <2. | | |
| A3-C47 | | | | | <2. | | |
| A4-C48 | | | | | <2. | | |
| A5-C49 | | | | | <2. | | |
| A6-C50 | | | | | <2. | | |
| A8-C51 | | | | | <2. | | |
| A9-C52 | | | | | <2. | | |
| A10-C53 | | | | | <2. | | |
| A11-C54 | | | | | 11 | | |
| A1 Duplicate of 14-A10-C53 | | | | | <2. vs <2. | | % RPO=? |
| Matrix Spike of | | | | | 6.31 | 105% | Accurate |
| 14-A11-C54 | | | | | 5.92 | | |
| Lab Blank 3/7/90 | | | | | <2. | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Methodology: Federal Register — 40 CFR, Part 136, October 28, 1984

Units: mg/l (ppm) unless otherwise noted

Comments:

Authorized: _____

BLASLAND & BOUCK ENGINEERS P.C.

SUBJECT: Misc Drum Sampling (Bldg 12-1)

PROJECT NO: 101-75-23

BY: S E Melbourne

DATE: 10-17-91

REQUEST FOR SAMPLING

DATE: 10-14-91

INITIATOR: Aimee Cole (GS)

BLDG. LOCATION: Bldg 12-1

CONTACT PERSON: Aimee Cole (GS)

EXT: 2534

ITEM DESCRIPTION:

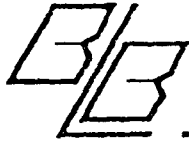
1.) Soil

NOTES:

The following sampling criteria was implemented at the request of Aimee Cole (GS):

1.) Each drum to be sampled individually for TCLP's (no pesticides or herbicides). Samples to be sent to Alpha Analytical via (Jeff Nicholson) GE Lab Pittsfield, MA for courier pick up.

The sampling program was conducted on a discrete-grab sample basis.



BLASLAND & BOUCK ENGINEERS, P.C.

6723 Tow Path Road, Box 66, Syracuse, New York 13214
(315) 446-9120

PLEASE SEND LAB REPORT TO:
~~BRUCE COLLIER~~
BLASLAND & BOUCK ENGINEERS
GE GE POWER TRANSFORMER DEPT.
MAIL ROOM B-32
100 WOODLAWN AVE.
PITTSFIELD, MA 01201
~~CONNOR RICHARDS~~
BLASLAND & BOUCK ENGINEERS
6723 TOWPATH RD. EL92146V
SYRACUSE, NY 13214

CHAIN OF CUSTODY RECORD

EL92146V

| PROJECT NO | | PROJECT NAME | | | | | | | NO. OF CONTAINERS | TCLP FOR MERCURY ONLY | | | | | REMARKS |
|---|---------------------|--|------|---|-----------|-------------|-----|--|-------------------|--------------------------|--------------------------|--|---|---------------------------------|---------|
| 101-75-84 | | BLDG 31W SAND TOTE BIN SAMPLING | | | | | | | | | | | | | |
| LAB ID | CUSTODY TAPE NUMBER | DATE | TIME | COMP. | GRAB SOIL | SAMPLE TYPE | | | | | | | | | |
| | | | | | | SOLID | MPE | WATER | | | | | | | |
| 31w-ST-C20 | | 9-2-92 | 1000 | | X | | | | 1 | X | | | | SAMPLES WERE | |
| 31w-ST-C21 | | 9-2-92 | 1010 | | X | | | | 1 | X | | | | RELINQUISHED TO GE LAB | |
| 31w-ST-C22 | | 9-2-92 | 1020 | | X | | | | 1 | X | | | | FOR COURIER TO ALPHA ANALYTICAL | |
| TCLP extraction and analysis for mercury only. | | | | | | | | | | | | | | | |
| PO #: PX3031422 | | | | | | | | | | | | | | | |
| Send Report and Invoice to WA Fessler, GE Co., Mail Code C23, 100 Woodlawn Ave., Pittsfield, MA 01201. | | | | | | | | | | | | | | | |
| SAMPLED BY: (SIGNATURE) Bruce Cobb Small P. Hutton Jr. | | DATE/TIME 9-2-92 1000 1010 1020 | | RECEIVED BY: (SIGNATURE) | | | | RELINQUISHED BY: (SIGNATURE) Bruce Cobb | | | DATE/TIME 9/2/92 1130 | | RECEIVED BY: (SIGNATURE) Wm Sweeney 4/4/92 | | |
| RELINQUISHED BY: (SIGNATURE) J. Nicholson | | DATE/TIME 9/2/92 3:15 AM | | RECEIVED BY: (SIGNATURE) Doree Tuo | | | | RELINQUISHED BY: (SIGNATURE) | | | DATE/TIME 9/2 5:5 | | RECEIVED BY: (SIGNATURE) S. Mica | | |
| RELINQUISHED BY: (SIGNATURE) | | DATE/TIME | | RECEIVED FOR LABORATORY BY: (SIGNATURE) | | | | DATE/TIME | | REMARKS SENT TO ALPHA | | | | | |

BLASLAND AND BOUCK ENGINEERS P.C.

To: Files
From: Bruce Eulian
Re: Misc Drug Sampling (Bldg 12-1)

Date: 10-17-91
File No: 101-75-23
cc: Grant Bowman (GE)

The following is a summary of the sample results for the TCLP sampling program conducted in Bldg 12-1 on 10-14-91. A drawing showing the sample location is attached (see figure 1). A analytical report provided by Alpha Analytical Laboratories has also been included.

TCLP SAMPLING RESULTS

| LAB ID | TCLP RESULTS | SAMPLE LOCATION | SAMPLE MATERIAL | SAMPLE TYPE | SAMPLE DEPTH |
|---------------|------------------------|-----------------|-----------------|---------------|--------------|
| 12-1-05555-C1 | (SEE ALPHA LAB REPORT) | 1 | SOIL | DISCRETE-GRAB | 0" - 18" |
| 12-1-05596-C1 | (SEE ALPHA LAB REPORT) | 2 | SOIL | DISCRETE-GRAB | 0" - 12" |
| 12-1-05549-C1 | (SEE ALPHA LAB REPORT) | 3 | SOIL | DISCRETE-GRAB | 0" - 8" |
| 12-1-05599-C1 | (SEE ALPHA LAB REPORT) | 4 | SOIL | DISCRETE-GRAB | 0" - 22" |

SEE

**GENERAL ELECTRIC
ENVIRONMENTAL LABORATORY
Test Report**

Title: TCLP Analyses of Building 12 drum samples

Number: EL-91-051

Date: November 4, 1991

Test by: Alpha Analytical

Requested by: A. Cole

Report by: WA Fessler

Approved: *W. A. Fessler*

11/4/91

Four samples from drums in Building 12 were sent to Alpha Analytical Laboratories for determination of toxicity characteristics listed in the Toxicity Characteristic Leaching Procedure (TCLP, 40CFR268, Appendix I). The results are summarized in the attached table.

The samples do not show the characteristic of toxicity.

A copy of the report from Alpha is attached.

DISTRIBUTION: Manager, Environmental Laboratory C23
A Cole 11-250



| SUBJECT | PROJ. NO. | BY | DATE | SHEET |
|---|-----------|-----|--------|--------|
| SOIL LOCATIONS FOR DRUM SAMP. (EAST ST. AREA 2) | 101-93-11 | BEE | 6-9-92 | 1 OF 1 |

DRUM # LOCATION (SEE ATTACHED B+B MAP)

05555

B4

05596

B5

05549

B1

05599

B5

05997

Y11 TO Y20

09008

X14

09009

XB

05976

Y1, Y2, Y3, Y5, Y7

09019

X19

09016

X19, X20