

J. C. Broderick & Associates

Environmental Consulting & Testing

July 26, 2005

Mr. Douglas Carroll North Fork Bank Small Business Financial Services 275 Broad Hollow Road Melville, New York 11747

Re:

Environmental Sampling Report for

262 Van Brunt Street Brooklyn, New York Site Visit: July 20, 2005

JCB#: 05-8257

Dear Mr. Carroll:

1.0 Introduction

J. C. Broderick & Associates, Inc. (JCB) was retained to perform limited environmental sampling services at the above referenced subject property. The site visit was performed by experienced JCB environmental scientists and technicians and consisted of the following:

- Perform an investigation of the floor drains located in the subject structure in an attempt to identify their discharge points;
- Perform a visual inspection of the concrete oil-water separator tank after it had been pumped and cleaned;
- Perform an investigation of the vent and fill pipes identified on the exterior of the subject structure in an attempt to identify the location and status of any underground storage tanks on the subject property.

2.0 Site Description and Location

The subject property is located at 262 Van Brunt Street in the Red Hook Section of Brooklyn, City and State of New York. The subject structure is occupied by a theatrical equipment storage warehouse.

3.0 Summary of Environmental Sampling

The following sections summarize the environmental sampling performed. Additional information can be extracted from the Site Plan, Boring Logs and Pictures located in the attachments.

3.1 Investigation of floor Drains

An investigation was performed on the floor drains located in the subject structure in an attempt to identify their discharge points. The floor drains and pipes were investigated utilizing a Ridged SeeSnake® Color Compact Diagnostic Pipe Inspection System.

The SeeSnake is a diagnostic tool which utilizes a camera head to provide a video description of the interior of the pipe while transmitting its location. This tool allows for effective tracing of pipe's route. Detailed information pertaining to the Ridged SeeSnake® Color Compact Diagnostic Pipe Inspection System is available upon request.

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Each accessible floor drain was inspected to the extent possible with the SeeSnake and also by an owner's representative. The drains were determined to lead to a sewer clean-out which then discharged out of the building toward the municipal sewer system. Therefore, based upon this investigation it is expected that the observed floor drains are attached to the municipal sewer system and do not discharge into an on-site injection well.

3.2 Investigation of Concrete Oil-Water Separator Tank

The concrete oil-water separator tank was pumped and cleaned for inspection by the property representative. Subsequent to the cleaning JCB performed a visual inspection of the concrete oil-water separator tank for any evidence of an adverse impact to the subject property. The inspection revealed the tank had concrete walls and bottom and revealed no evidence of any significant leaks.

3.3 Investigation of Vent and Fill pipes

Additional investigation of the vent and fill pipes identified on the exterior of the subject structure were performed in an attempt to identify the location and status of any underground storage tanks on the subject property. A visual inspection identified the presence of (i) a set of vent and fills pipes located on the east side of the subject property by the "Boiler and Sprinkler Room" and (ii) three vent pipes also located on the eastern exterior portion of the subject structure. The investigation of the tank plumbing was performed utilizing the Ridged SeeSnake®, the METROTECH® 810 Dx Pipe & Cable Locator, and a portable truck-mounted Geoprobe® Model 5410 unit.

The METROTECH® 810 Dx Pipe & Cable Locator consists of a transmitter and receiver which are designed to apply a signal to a utility which is then traced or "toned." Details pertaining to the METROTECH® 810 and Geoprobe® units are available upon request.

Boring locations were determined based upon site logistics, location of underground utilities, suspected past UST, the property usage, and other information provided to JCB by site representatives. The soil boring locations can be referenced in the field drawing located in the attachments of this report. A description of the samples collected can be referenced the boring logs.

3.3.1 Investigation of (i) Vent and Fill Pipes

An investigation of the (i) vent and fill pipes was performed with the Ridged SeeSnake® and the METROTECH® 810 and revealed that the fill pipe turned 90° into the subject structure towards the concrete oil-water separator tank. The fill pipe was observed entering and exiting the separator tank and then turning west (see site plan). Unfortunately, due to the multiple 90° angle turns in the plumbing line it could not be any further investigated with these units. Also, due to the construction and thickness of the concrete it prohibited the use of any other radar or metallurgical detection equipment.

A visual inspection of the presumed pathway of the plumbing revealed the presence of a disturbed patch of concrete. This patch could be representative of any area where an underground storage tank was excavated. Therefore two (2) soil borings to a variety of depths was performed utilizing the Geoprobe® unit. The boring locations were identified as the center of the concrete patch and immediately west. Refer to site boring logs and drawing for details.

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The results of the boring performed in these locations did not reveal any evidence of an underground storage tank or significant petroleum contamination.

3.3.2 Investigation of (ii) the Three Vent Pipes

An investigation of (ii) the three vent pipes on the eastern exterior of the subject building was also performed utilizing the Ridged SeeSnake® and METROTECH® 810. The investigation revealed that the vent pipes turned 90° away from the subject structure and ended under the concrete pavement on the eastern side of the subject structure. Since this area contained relatively new concrete pavement no distinctions pertaining to the possible presence of underground storage tanks could be made.

It is expected that three (3) underground storage tanks still exist under this concrete paved area. Therefore two (2) soil borings to a variety of depths were performed utilizing the Geoprobe® Model 5410 unit in the vicinity of the suspect tank field. Refer to the soil boring logs and site drawing for additional details.

The results of the borings performed did reveal evidence of the underground storage tanks. However no evidence of any significant petroleum contamination was observed in the subsurface soils and groundwater inspected.

3.3.3 Soil Boring Field Screening Results

Field screening for the presence of total volatile organic compounds (TVOC's) was performed during all soil sampling utilizing the MiniRAE 2000 Portable VOC Monitor (PID). Technical data pertaining to the MiniRAE 2000 Portable VOC Monitor is available upon request. Please refer to the soil boring logs and site drawing for additional details.

Based upon a review of the PID field screening, olfactory sensing, and visual & texture observations of the samples collected no evidence of any significant subsurface soil or groundwater contamination was observed.

4.0 Findings

The following sections summarize the findings of the environmental sampling performed:

- The additional investigation performed suggested that the floor drains discharged into the municipal sewer district.
- The visual inspection did not identify any leaks or spills associated with the concrete oil-water separator tank.
- The additional investigation of the vent and fill pipes did confirm the presence of at least three (3) underground storage tanks on the subject property. No other information pertaining to the integrity or condition of these tanks could be determined. The only reliable way to determine if these tanks have adversely impacted the environmental quality of the subject property would be to excavate the tanks and perform an inspection of the tank field.





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However, due to the difficulties of performing such an excavation at this time soil borings were performed in close proximity to the tank field. Information obtained from the borings performed did not identify the presence of any significant petroleum contamination in the subsurface soils and groundwater in the area of the tank field.

Although the information obtained from the borings cannot guarantee that there is no contamination associated with the underground storage tanks, it does suggest that the contamination, if present, is limited.

The following project information is included in the attachments of this report.

- 1. Field Drawing
- 2. Soil Boring Logs
- 3. Field Photograph Logs
- 4. PID Data

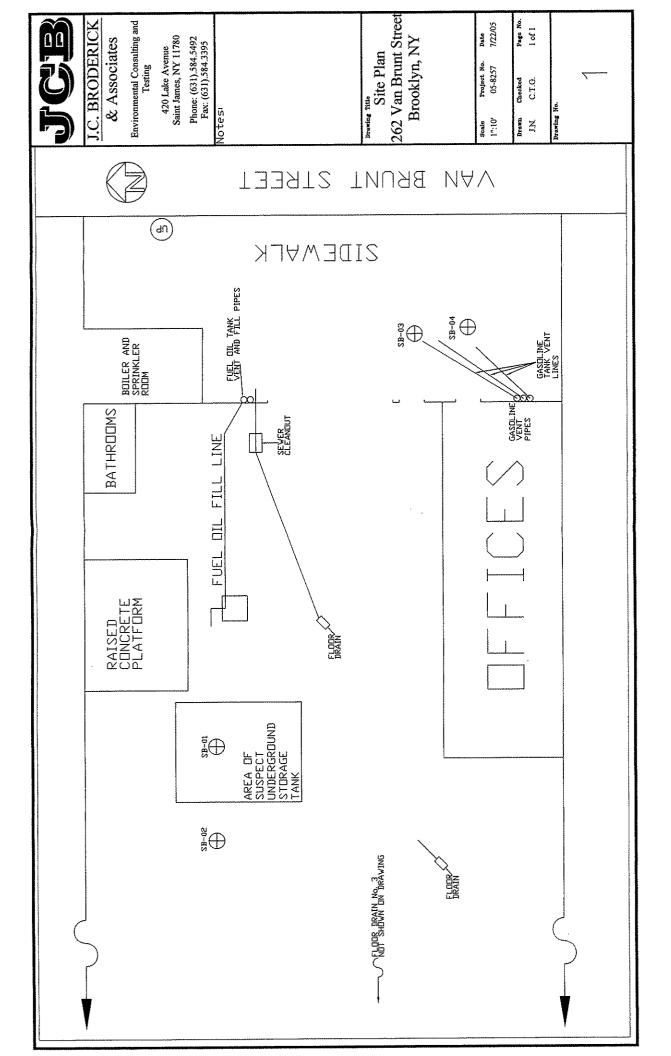
If there are any questions, or if additional information is needed, please contact our office.

Sincerely,

J.C. Broderick & Associates, Inc.

Attachments

Attachment #1 Field Drawing



Attachment #2 Soil Boring Logs

| | | EN | VIRONME | ENTAL SOIL BORING LOG SB-01 | | |
|---|------------|----------------|-----------|---|--|--|
| JCB J.C. Broderick & Associates, Inc. 420 Lake Avenue Saint James, New York 11780 Phone: 631.584.5492 Fax: 631.584.3395 Total Well Depth (ft.): Not Applicable | | | c. | Site Location: 260 Van Brunt Street Brooklyn, New York Drill Date: July 20, 2005 Project No.: 05-8257 Client: North Fork Bank Hydrogeologist: Mr. Christopher T. Gabriel Boring Locations: See Site Plan: Drawing No. 1 Drill Rig: Geoprobe® 5410 | | |
| | | | licable | Screen (ft.): Not Applicable | | |
| Riser (| ft.): Not | Applicable | | Filter Pack: Not Applicable | | |
| Annula | ır Seal: N | lot Applicable | | Well Head: Not Applicable | | |
| Sampl | e Depth | (fi.) | | LITHOLOGICAL DESCRIPTION | | |
| Start | End | % Recovery | PID Conc. | | | |
| 0' 0" | 4' 0" | 30 % | 0.0 ppm | Concrete, light brown fine to medium grain sand, cobbles No petroleum odor or staining noted | | |
| 4' 0" | 8' 0" | 30 % | 0.0 ppm | Light brown fine to medium grain sand, cobbles Groundwater observed at approximately 7.0 feet bsg No petroleum odor or staining noted | | |
| PID: Mini RAE | | | | Weather Conditions: Sunny, 95 degrees Fahrenheit, Humid | | |
| Drilling Time: 1.0 hours | | | | Miscellaneous Site Conditions: No other pertinent site information | | |
| | | | | NOTES | | |

- Based upon a review of the PID field screening, olfactory sensing, and visual & texture
 observations of soil samples collected no evidence or gross petroleum contamination was
 observed.
- No samples submitted to laboratory for analysis.

| | | EN. | VIRONME | NTAL SOIL BORING LOG SB-02 | |
|--|-------------|-------------------|------------|---|--|
| JCB J.C. Broderick & Associates, Inc. 420 Lake Avenue Saint James, New York 11780 Phone: 631.584.5492 Fax: 631.584.3395 | | | c . | Site Location: 260 Van Brunt Street Brooklyn, New York Drill Date: July 20, 2005 Project No.: 05-8257 Client: North Fork Bank Hydrogeologist: Mr. Christopher T. Gabriel Boring Locations: See Site Plan: Drawing No. 1 Drill Rig: Geoprobe® 5410 | |
| Total V | Vell Deptl | h (ft.): Not Appl | icable | Screen (ft.): Not Applicable Filter Pack: Not Applicable | |
| Riser (f | ît.): Not A | pplicable | | | |
| Annula | r Seal: No | ot Applicable | | Well Head: Not Applicable | |
| | e Depth (| | | LITHOLOGICAL DESCRIPTION | |
| Start | End | % Recovery | PID Conc. | | |
| 0' 0" | 2' 6" | 100 % | 0.0 ppm | Concrete, brown sands, cobbles, red brick, and fill materials | |
| | | | | No petroleum odor or staining noted | |
| | | | | Probe Refusal at approximately 2.5 feet bsg | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| PID: Mini RAE | | | <u>U</u> | Weather Conditions: Sunny, 95 degrees Fahrenheit, Humid | |
| Drilling Time: 1.0 hours | | | | Miscellaneous Site Conditions: No other pertinent site information | |
| | | | | NOTES | |

- Based upon a review of the PID field screening, olfactory sensing, and visual & texture observations of soil samples collected no evidence or gross petroleum contamination was observed.
- No samples submitted to laboratory for analysis.

| | | E | IVIRONME | ENTAL SOIL BORING LOG SB-03 | | |
|--|--|---------------|-----------|---|--|--|
| JCB J.C. Broderick & Associates, Inc. 420 Lake Avenue Saint James, New York 11780 Phone: 631.584.5492 Fax: 631.584.3395 | | | C | Site Location: 260 Van Brunt Street Brooklyn, New York Drill Date: July 20, 2005 Project No.: 05-8257 Client: North Fork Bank Hydrogeologist: Mr. Christopher T. Gabriel Boring Locations: See Site Plan: Drawing No. 1 Drill Rig: Geoprobe® 5410 | | |
| Total W | Total Well Depth (ft.): Not Applicable | | | Screen (ft.): Not Applicable | | |
| Riser (f | ft.): Not | Applicable | | Filter Pack: Not Applicable Well Head: Not Applicable | | |
| Annula | r Seal: N | ot Applicable | | | | |
| Sample Depth (ft.) | | | | LITHOLOGICAL DESCRIPTION | | |
| Start | End | % Recovery | PID Conc. | | | |
| 0' 0" | 4' 0" | 100 % | 0.0 ppm | Concrete, dark brown to black sand, fine grain soils, cobbles, brick, and fill materials No petroleum odor or staining noted | | |
| 4' 0" | 8' 0" | 0.0 ppm | | Dark brown to black sand, fine grain soils, brick, and fill materials Groundwater observed at approximately 7.0 feet bsg | | |
| | | | | No petroleum odor or staining noted | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| PID: Mini RAE | | | | Weather Conditions: Sunny, 95 degrees Fahrenheit, Humid | | |
| Drilling Time: 1.0 hours | | | | Miscellaneous Site Conditions: No other pertinent site information | | |
| | | | | NOTES | | |

- Based upon a review of the PID field screening, olfactory sensing, and visual & texture observations of soil samples collected no evidence or gross petroleum contamination was observed.
- No samples submitted to laboratory for analysis.

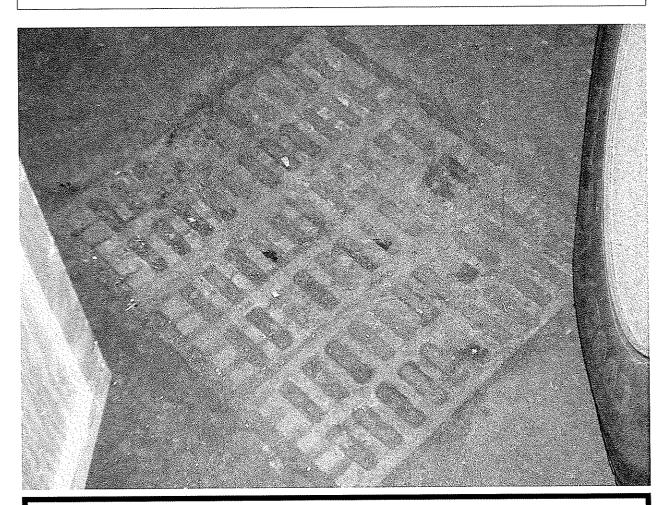
ENVIRONMENTAL SOIL BORING LOG SB-04 Site Location: 260 Van Brunt Street **JCB** Brooklyn, New York J.C. Broderick & Associates, Inc. Drill Date: July 20, 2005 420 Lake Avenue Project No.: 05-8257 Saint James, New York 11780 Client: North Fork Bank Phone: 631.584.5492 Hydrogeologist: Mr. Christopher T. Gabriel Fax: 631.584.3395 Boring Locations: See Site Plan: Drawing No. 1 Drill Rig: Geoprobe® 5410 Screen (ft.): Not Applicable Total Well Depth (ft.): Not Applicable Filter Pack: Not Applicable Riser (ft.): Not Applicable Well Head: Not Applicable Annular Seal: Not Applicable LITHOLOGICAL DESCRIPTION Sample Depth (ft.) PID Conc. End % Recovery Start Concrete, brown, sands, fine soils, cobbles, red brick, and fill 0' 0" 3'0" 100 % 0.0 ppm materials No petroleum odor or staining noted Probe Refusal at approximately 3.0 feet bsg Weather Conditions: Sunny, 95 degrees Fahrenheit, Humid PID: Mini RAE Miscellaneous Site Conditions: No other pertinent site Drilling Time: 1.0 hours information

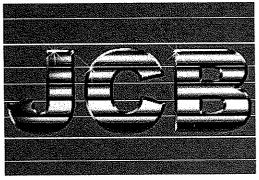
NOTES

- Based upon a review of the PID field screening, olfactory sensing, and visual & texture observations of soil samples collected no evidence or gross petroleum contamination was observed.
- No samples submitted to laboratory for analysis.

Attachment #3 Field Photograph Logs

Typical Floor Drain Prior to Removal of Cover or Material





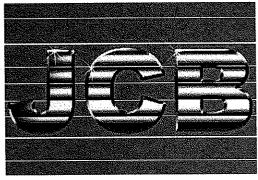
Field Photograph Log

Environmental Sampling at 262 Van Brunt Street Brooklyn, New York

Photo No. 01

Typical Floor Drain With Grated Cover Removed Material Removed To Access Drain Pipe





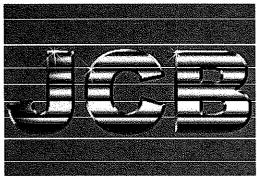
Field Photograph Log

Environmental Sampling at 262 Van Brunt Street Brooklyn, New York

Photo No. 02

Typical Floor Drain With Grated Cover Removed Drain Pipe (Green Paint)



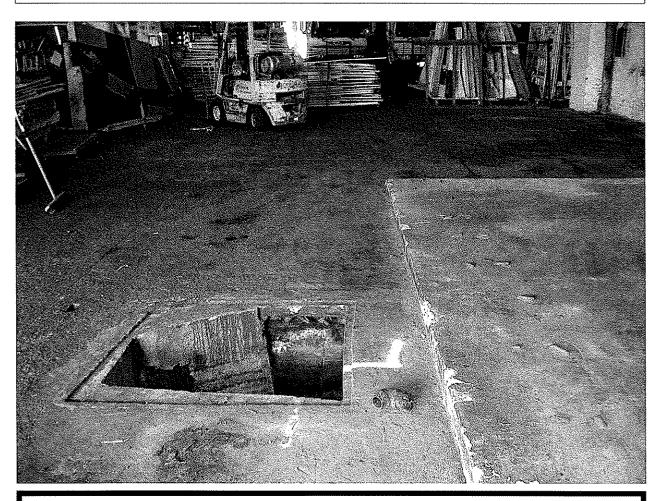


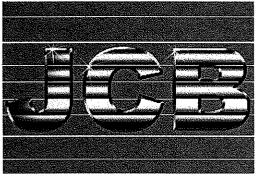
Field Photograph Log

Environmental Sampling at 262 Van Brunt Street Brooklyn, New York

Photo No. 03

Oil-Water Separator With Cover Removed Fuel Oil Fill Pipe (Yellow Paint)



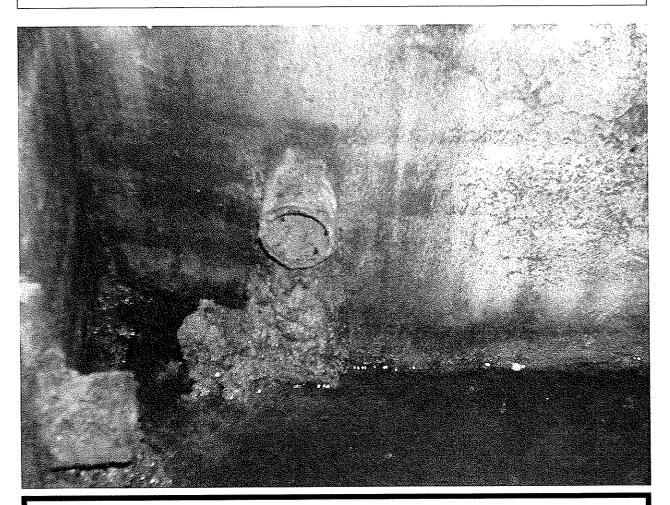


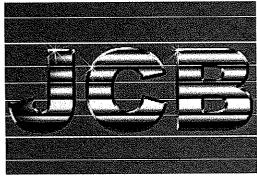
Field Photograph Log

Environmental Sampling at 262 Van Brunt Street Brooklyn, New York

Photo No. 04

Oil-Water Separator Concrete Walls And Bottom





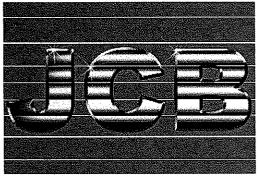
Field Photograph Log

Environmental Sampling at 262 Van Brunt Street Brooklyn, New York

Photo No. 05

Fuel Oil Vent & Fill Pipes Exterior of Subject Structure





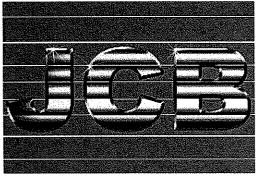
Field Photograph Log

Environmental Sampling at 262 Van Brunt Street Brooklyn, New York

Photo No. 06

Fuel Oil Vent & Fill Pipes Interior of Subject Structure





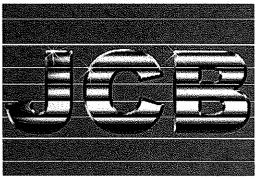
Field Photograph Log

Environmental Sampling at 262 Van Brunt Street Brooklyn, New York

Photo No. 07

Fuel Oil Vent & Fill Pipes Path of Fill Pipe (Yellow Paint)



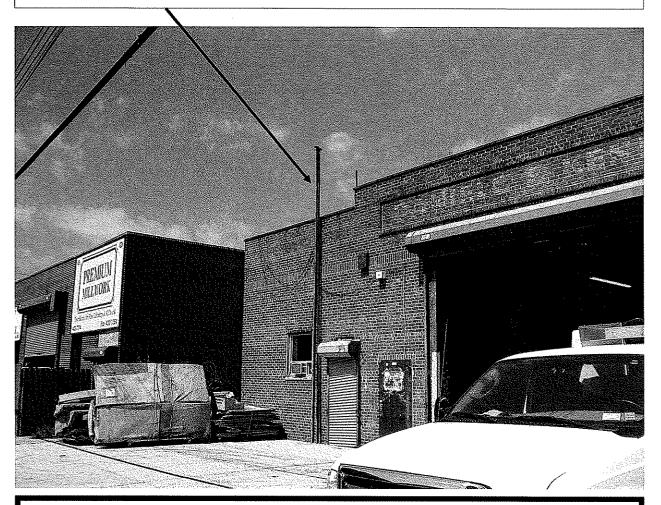


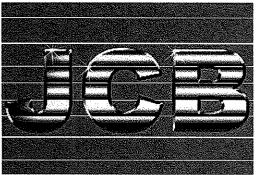
Field Photograph Log

Environmental Sampling at 262 Van Brunt Street Brooklyn, New York

Photo No. 08

Gasoline Vent Pipes Set of Three (3)



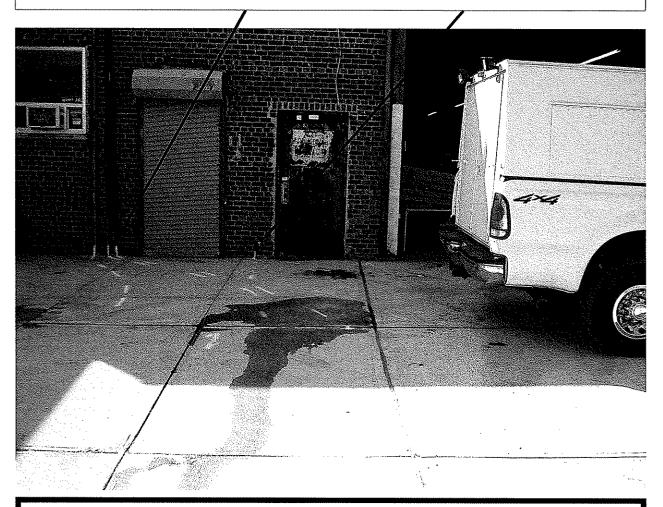


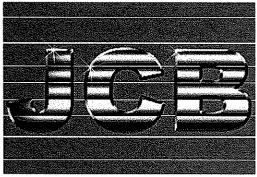
Field Photograph Log

Environmental Sampling at 262 Van Brunt Street Brooklyn, New York

Photo No. 09

Path of Three (3) Gasoline Vent Pipes (Yellow Paint) & Natural Gas Service (Yellow Paint)



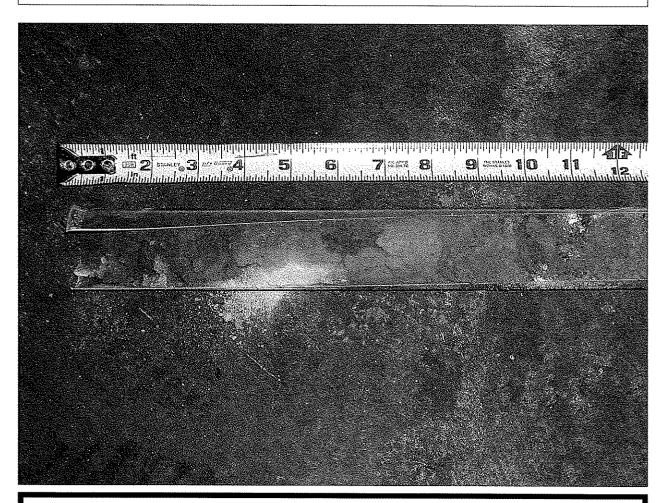


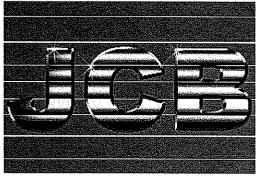
Field Photograph Log

Environmental Sampling at 262 Van Brunt Street Brooklyn, New York

Photo No. 10

Soil Boring No. 2 Brick Fill Encountered at 1.0-2.5 Feet Below Surface Grade (BSG)



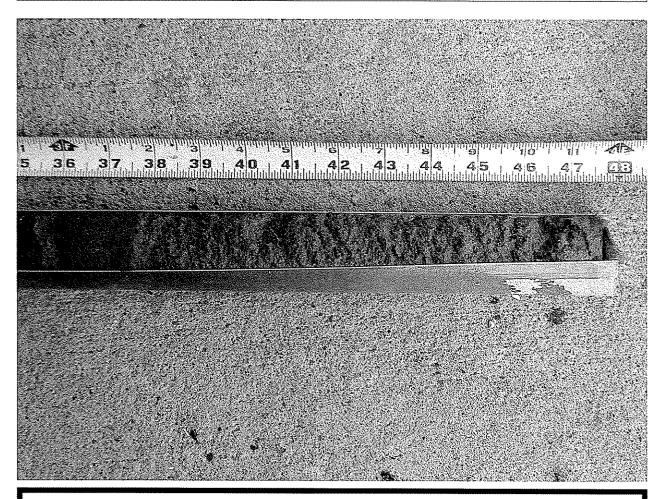


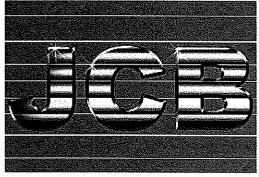
Field Photograph Log

Environmental Sampling at 262 Van Brunt Street Brooklyn, New York

Photo No. 11

Soil Boring No. 3 Typical Soils at 7.0-8.0 Feet Below Surface Grade (BSG)





Field Photograph Log

Environmental Sampling at 262 Van Brunt Street Brooklyn, New York

Photo No. 12

Attachment #4 PID Data

Ambient

Serial Number: 010490

Instrument: MiniRAE 2000 (PGM7600)

User ID: 00000001 Site ID: 00000981 Gas Name: Isobutylene Sample Period: 5 sec

Data Points: 33 Last Calibration Time: 11/19/2004 10:06

Start At: 07/20/2005 16:22 End At: 07/20/2005 16:24

Min(ppm) Avg(ppm) Max(ppm) Measurement Type: 100.0 100.0 100.0 High Alarm Levels: 50.0 50.0 50.0 Low Alarm Levels: 25.0 10.0 25.0 10.0 25.0 STEL Alarm Levels: 10.0 TWA Alarm Levels: Measurement Type: Min(ppm) Avg(ppm) Max(ppm) 0.0 0.0 Peak Data Value: 0.0 Min Data Value: 0.0 0.0 0.0 _____ TWA Data Value: 0.0 0.0 AVG Data Value:

Page: 1

58-01:0'-4'

Instrument: MiniRAE 2000 (PGM7600)

User ID: 00000001 Site ID: 00000982 Data Points: 10

Gas Name: Isobutylene Sample Period: 5 sec

Serial Number: 010490

Last Calibration Time: 11/19/2004 10:06

Start At: 07/20/2005 16:28 End At: 07/20/2005 16:28

Min(ppm) Avg(ppm) Max(ppm) Measurement Type: 100.0 100.0 100.0 High Alarm Levels: 50.0 50.0 25.0 25.0 10.0 10.0 50.0 Low Alarm Levels: 25.0 STEL Alarm Levels: TWA Alarm Levels:

Measurement Type: Min(ppm) Avg(ppm) Max(ppm) 0.0 0.0 Peak Data Value: ______ 0.0 0.0 Min Data Value: TWA Data Value: 0.0 0.0 0.0 0.0 AVG Data Value:

Serial Number: 010490

Instrument: MiniRAE 2000 (PGM7600)

User ID: 00000001 Site ID: 00000983

Gas Name: Isobutylene Sample Period: 5 sec Data Points: 19

Last Calibration Time: 11/19/2004 10:06 Start At: 07/20/2005 16:30 End At: 07/20/2005 16:31

| ######================================ | :===================================== | | | # |
|--|--|----------|----------|----------|
| Measurement Type: | Min(ppm) | Avg(ppm) | Max(ppm) | |
| High Alarm Levels: | 100.0 | 100.0 | 100.0 | |
| Low Alarm Levels: | 50.0 | 50.0 | 50.0 | |
| STEL Alarm Levels: | 25.0 | 25.0 | 25.0 | |
| TWA Alarm Levels: | 10.0 | 10.0 | 10.0 | |
| AND THE RESERVE THE THE THE THE THE THE THE THE THE TH | | | | *** |
| Measurement Type: | Min(ppm) | Avg(ppm) | Max(ppm) | |
| Peak Data Value: | | 0.0 | 0.0 | |
| Min Data Value: | | 0.0 | 0.0 | |
| TWA Data Value: | | 0.0 | 0.0 | |
| ALTO Data Value | | 0.0 | 0.0 | |

AVG Data Value: SB-02: 01-2.51

Serial Number: 010490

Instrument: MiniRAE 2000 (PGM7600)

User ID: 00000001 Site ID: 00000984 Gas Name: Isobutylene Sample Period: 5 sec Data Points: 13

Last Calibration Time: 11/19/2004 10:06

Start At: 07/20/2005 16:33 End At: 07/20/2005 16:34

| Deale 11c. 01, 20, 200 -1. | - | | |
|----------------------------|--------------|----------|--------------|
| | | | |
| Measurement Type: | Min(ppm) | Avg(ppm) | Max(ppm) |
| High Alarm Levels: | 100.0 | 100.0 | 100.0 |
| Low Alarm Levels: | 50.0 | 50.0 | 50.0 |
| STEL Alarm Levels: | 25.0 | 25.0 | 25.0 |
| TWA Alarm Levels: | 10.0 | 10.0 | 10.0 |
| | | | |
| | *** | 70 () | Mm == (mmm \ |

Measurement Type: Min(ppm) Avg(ppm) Max(ppm) 0.0 0.0 ____ Peak Data Value: 0.0 0.0 Min Data Value: 0.0 0.0 TWA Data Value: 0.0 0.0 AVG Data Value:

5B-03: 0'-2'

0.0

Instrument: MiniRAE 2000 (PGM7600)

TWA Data Value:

User ID: 00000001 Site ID: 00000985
Data Points: 15 Gas Name: Isobutylene Sample Period: 5 sec

0.0

Serial Number: 010490

Last Calibration Time: 11/19/2004 10:06

Start At: 07/20/2005 16:35 End At: 07/20/2005 16:36

______ Measurement Type: Min(ppm) Avg(ppm) Max(ppm) High Alarm Levels: 100.0 100.0 100.0 50.0 Low Alarm Levels: 50.0 50.0 25.0 STEL Alarm Levels: 25.0 25.0 10.0 TWA Alarm Levels: 10.0 ______ Measurement Type: Min(ppm) Avg(ppm) Max(ppm) Peak Data Value: 0.0 0.0 Min Data Value: 0.0 0.0

AVG Data Value: 0.0 0.0 SB-03: 21-41

Instrument: MiniRAE 2000 (PGM7600) Serial Number: 010490

User ID: 00000001 Site ID: 00000986

Data Points: 15 Gas Name: Isobutylene
Last Calibration Time: 11/12/2024 12:22

Sample Period: 5 sec

Last Calibration Time: 11/19/2004 10:06

Start At: 07/20/2005 16:38 End At: 07/20/2005 16:39 Measurement Type: Min(ppm) Avg(ppm) Max(ppm) 100.0 100.0 High Alarm Levels: 100.0 50.0 50.0 Low Alarm Levels: 50.0 25.0 25.0 STEL Alarm Levels: 25.0 10.0 10.0 TWA Alarm Levels: 10.0 Measurement Type: Min(ppm) Avg(ppm) Max(ppm) Peak Data Value: 0.0 0.0 ---Min Data Value: 0.0 0.0 -----0.0 TWA Data Value: 0.0

AVG Data Value: 0.0

SB-03: 4'-6'

User ID: 00000001 Site ID: 00000987
Data Points: 15 Gas Name: Isobutylene Last Calibration Time: 11/19/2004 10:06

Start At: 07/20/2005 16:40 End At: 07/20/2005 16:41

Measurement Type: Min(ppm) Avg(ppm) Max(ppm) 100.0 100.0 100.0 High Alarm Levels: 50.0 50.0 50.0 Low Alarm Levels: 25.0 25.0 10.0 10.0 25.0 STEL Alarm Levels: 10.0 TWA Alarm Levels:

Measurement Type: Min(ppm) Avg(ppm) Max(ppm) 0.0 Peak Data Value: 0.0 Min Data Value: ____ 0.0 0.0 0.0 ____ TWA Data Value: 0.0 0.0 -------AVG Data Value: 0.0

SB-03: 6'-8'

Instrument: MiniRAE 2000 (PGM7600)

User ID: 00000001 Site ID: 00000988
Data Points: 15 Gas Name: Isobutylene

Sample Period: 5 sec

Serial Number: 010490

Last Calibration Time: 11/19/2004 10:06

Start At: 07/20/2005 16:42 End At: 07/20/2005 16:43 Measurement Type: Min(ppm) Avg(ppm) Max(ppm) 100.0 100.0 100.0 High Alarm Levels: 50.0 50.0 50.0 Low Alarm Levels: 25.0 10.0 STEL Alarm Levels: 25.0 25.0 10.0 10.0 TWA Alarm Levels: Measurement Type: Min(ppm) Avg(ppm) Max(ppm) 0.0 Peak Data Value: 0.0 Min Data Value: 0.0 0.0 0.0 TWA Data Value: 0.0 ____ 0.0 AVG Data Value: 0.0 _______

58-04:01-31

Instrument: MiniRAE 2000 (PGM7600)

Site ID: 00000989

User ID: 00000001 Data Points: 9

Gas Name: Isobutylene Sample Period: 5 sec

Serial Number: 010490

Last Calibration Time: 11/19/2004 10:06

| Start At: 07/20/2005 16 | :44 End At: 07/20/2 | 005 16:44 | |
|-------------------------|-----------------------------------|-----------|--------------|
| Measurement Type: | Min(ppm) | Avg(ppm) | Max(ppm) |
| High Alarm Levels: | 100.0 | 100.0 | 100.0 |
| Low Alarm Levels: | 50.0 | 50.0 | 50.0 |
| STEL Alarm Levels: | 25.0 | 25.0 | 25.0 |
| TWA Alarm Levels: | 10.0 | 10.0 | 10.0 |
| Measurement Type: | Min(ppm) | Avg(ppm) | Max(ppm) |
| Peak Data Value: | | 0.0 | 0.0 |
| Min Data Value: | POW 4990 5990 2000 2000 | 0.0 | 0.0 |
| TWA Data Value: | | 0.0 | 0.0 |
| AVG Data Value: | units come some come | 0.0 | 0.0 |
| AVG Data Value: | Similar delate black delate black | 0.0 | 0.0 |

Ambient

Serial Number: 010490

Sample Period: 5 sec

Instrument: MiniRAE 2000 (PGM7600)

User ID: 00000001 Site ID: 00000990
Data Points: 26 Gas Name: Isobutylene

Last Calibration Time: 11/19/2004 10:06

Start At: 07/20/2005 16:46 End At: 07/20/2005 16:48

| Measurement Type: | Min(ppm) | Avg(ppm) | Max(ppm) |
|--------------------|----------|----------|----------|
| High Alarm Levels: | 100.0 | 100.0 | 100.0 |
| Low Alarm Levels: | 50.0 | 50.0 | 50.0 |
| STEL Alarm Levels: | 25.0 | 25.0 | 25.0 |
| TWA Alarm Levels: | 10.0 | 10.0 | 10.0 |

Measurement Type: Min(ppm) Avg(ppm) Max(ppm) Peak Data Value: 0.0 0.0 Min Data Value: 0.0 0.0 TWA Data Value: 0.0 0.0

0.0 0.0 AVG Data Value: _______ Test Spike Serial Number: 010490

Instrument: MiniRAE 2000 (PGM7600)

User ID: 00000001 Site ID: 00000991
Data Points: 5 Gas Name: Isobutylene Sample Period: 5 sec

Last Calibration Time: 11/19/2004 10:06

Start At: 07/20/2005 16:49 End At: 07/20/2005 16:49

Measurement Type: Min(ppm) Avg(ppm) Max(ppm) High Alarm Levels: 100.0 100.0 100.0 Low Alarm Levels: 50.0 50.0 50.0 25.0 25.0 10.0 STEL Alarm Levels: 25.0 10.0 TWA Alarm Levels: 10.0 Min(ppm) Avg(ppm) Max(ppm) Measurement Type: 7.1 Peak Data Value: 9.3 Min Data Value: 1.2 4.2 TWA Data Value: 0.0 0.0 AVG Data Value: 3.7 6.8
