ABOVEGROUND AND UNDERGROUND STORAGE TANK CLOSURE REPORT
PETER'S DRY CLEANERS
316 WILLOW STREET
LOCKPORT, NEW YORK

PREPARED FOR:
Seaman, Jones, Hogan & Brooks, LLP
Lockport, New York

PREPARED BY:
GZA GeoEnvironmental of New York
Buffalo, New York

June 2005
File No. 21.0056017.00

GZA GeoEnvironmental
of New York

Engineers and Scientists

June 15, 2005
File No. 21.0056017.00

F. Gerald Hogan
Seaman, Jones, Hogan & Brooks,LLP
Canal Terrace
76 West Avenue
P.O. Box 450
Lockport, New York 14095

Re: Closure of an Aboveground Storage Tank &
Underground Storage Tank
Peter's Dry Cleaners
316 Willow Street
Lockport, New York

364 Nagel Drive
Buffalo
New York
14225
716-685-2300
Fax: 716-685-3629
www.gza.com

Dear Mr. Hogan:

The enclosed report documents the removal of an approximate 1,000-gallon aboveground storage tank (AST) and a 6,000-gallon underground storage tank (UST) that reportedly contained fuel oil and were present at the above referenced site. The referenced AST and UST were successfully removed as referenced in the attached closure report.

We hope this satisfies your needs. If you require any additional information, please contact the undersigned.

Sincerely,

GZA GEOENVIRONMENTAL OF NEW YORK

Christopher Boron
Project Manager

Randolph Rakoczynski, P.E.
Senior Project Manager

Ernest R. Hanna, P.E.
Principal

Cc: Salvatore Calandra (NYSDEC – Region 9)

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1.00 INTRODUCTION

This report documents the removal and closure of one approximate 1,000-gallon steel aboveground storage tank (AST) and one approximate 6,000-gallon steel underground storage tank (UST) that were previously used to store heating oil, located at Peter's Dry Cleaners, 316 Willow Street, Lockport, New York (Site). The AST and UST were removed from the Site at the request of legal counsel (Seaman, Jones, Hogan & Brooks, LLP) for Peter's Dry Cleaners, after meeting with representatives of the New York State Department of Environmental Conservation (NYSDEC). A Locus Plan is provided as Figure 1 and a Site Plan is provided as Figure 2.

1.10 PURPOSE

GZA GeoEnvironmental of New York (GZA) was retained to document the removal and closure of an approximate 1,000-gallon AST and approximate 6,000-gallon UST.

2.00 SCOPE OF WORK

GZA provided the following technical services on this project.

- Photographs of the AST and UST removal activities and conditions.
- Documentation of field activities and observations during the AST removal and UST excavation which was done by GZA's subcontractor Galloway Technical Services (Galloway).
- Field screening of soils from beneath the AST and soils excavated from the area around the UST using an organic vapor meter (OVM) equipped with a photoionization detector (PID).
- Collection of confirmatory soil samples from the sidewalls of the excavation after the removal of the UST. The soil samples were analyzed for volatile organic compounds (VOCs) via EPA Method 8260 STARS[1] and semi-volatile organic compounds (SVOCs) via EPA Method 8270 STARS.
- Preparation of this AST/UST closure report.

This report presents GZA's field observations, analytical results, and opinions.

[1] Spill Technology and Remediation Series Memo #1, prepared by NYSDEC, dated August 1992.

3.00 TANK, PIPING, AND SUBSURFACE INFORMATION

This section provides information regarding the AST and UST, their contents, associated piping, and the UST excavation.

3.10 AST TANK INFORMATION

The AST removed was an approximate 1,000-gallon steel tank. It was approximately 12 feet in length and 4 feet in diameter (see Figure 2). The bottom of the AST was at ground surface. Mr. William Peters, Site owner, indicated that the AST was used to store heating oil and it had not been used for approximately 8 years at the time of the removal.

The AST did not appear to have holes or defects in its shell nor did it appear to contain any product. Galloway transported the tank to George Wolf's Scrap Yard (formerly Kugler's Scrap Yard) in Lockport, New York to be cut up and disposed. See Appendix A for disposal documentation.

3.20 UST TANK INFORMATION

The UST removed was an approximate 6,000-gallon steel tank. It was approximately 18 feet in length and 8 feet in diameter (see Figure 2). The bottom of the UST was at a depth of approximately 10 feet bgs. Mr. Peters indicated that the UST was used to store heating oil and it had not been used for approximately 20 years at the time of the removal.

After the UST was lifted from the excavation, Galloway removed the contents of the UST, which consisted of approximately 16 tons of sand mixed with residual product. A hole was cut in the sidewall of the UST to remove its contents which were placed on to poly-ethylene sheeting at ground surface. The UST had apparently been partially filled with sand when it was previously taken out of service. The sand removed from the UST was stockpiled and disposed along with impacted soil from the excavation. Approximately 2 yards of impacted soil was removed from the south side of the excavation and stockpiled for disposal.

There was no evidence of holes or defects on the UST. After removing its contents, Galloway transported the UST to George Wolf's Scrap Yard to be cut up and disposed. See Appendix A for disposal documentation.

3.30 AST PIPING INFORMATION

The piping associated with the AST included two, ½-inch diameter copper lines, which ran along the building at ground surface (see Figure 2). They were disconnected from the AST and cut off at the location where they entered the building.

3.40 UST PIPING INFORMATION

The piping associated with the UST included a 2-inch diameter steel vent pipe and a 2-inch diameter steel product line (see Figure 2). The two, 2-inch diameter lines were attached to the UST at the eastern end of the tank. The vent pipe vented above the roof on the west side of the building (see Figure 2). The vent pipe was cut at the base of the exterior wall and removed from the building. A portion of the vent pipe was left in the ground from the face of the excavation to the building. The product line inside the excavation was cut off at the face of the excavation. A portion of the product line was left in the ground from the face of the excavation to where the product line enters the building below ground surface. The location were the product line entered the building was unknown.

3.50 SOIL AND GROUNDWATER CONDITIONS

Soil Conditions

The subsurface soils observed within the excavation consisted of approximately 2 feet of sand and gravel overlying a brown clayey silt with less and varying amounts of sand and gravel that extended to a depth of approximately 6 feet bgs. From approximately 6 bgs to the bottom of the excavation (approximately 10 feet bgs), a red brown sand was encountered with less and varying amounts of gravel and silt.

No visual and olfactory evidence of contaminated soils were noted on the three sides (north, east and west) and bottom of the UST excavation. Olfactory evidence of minor petroleum odors were observed on the south side of the UST at approximately 4 feet bgs.

Groundwater Conditions

No groundwater was observed within the limits of the excavation.

3.60 RESULTS OF VAPOR MONITORING READINGS

Soils excavated from around the UST were screened in the field for total organics compounds using an OVM: HNu Systems, Inc., Model PI-101 PID equipped with a 10.2 eV ultraviolet lamp. A gas standard of trace hydrocarbon in air was used at an equivalent concentration of 58 parts per million (ppm) for calibration. Ambient air at the Site was used to establish background organic vapor concentrations.

GZA collected soil samples during the excavation activities for headspace screening from several locations. Results of the screening indicated PID levels ranging from non-detectable to 2 ppm (south side of excavation approximately 4 feet bgs).

4.00 EXCAVATION

No soil excavation was necessary for the removal of the approximate 1,000-gallon AST.

The UST excavation was approximately 25 feet long (east/west) by 14 feet wide (north/south) by 10 feet bgs. The volume of contaminated soil excavated was approximately 2 cubic yards which was excavated from the south side of the UST, approximately 4 feet bgs. This soil was stockpiled for disposal.

Disposal Documentation

The impacted sand and soil encountered was taken to the Tonawanda Landfill for disposal. See Appendix A for disposal information.

5.00 EXCAVATION SAMPLE LOCATIONS

GZA collected five composite soil samples (four soil samples from the sidewalls and one from the bottom of the excavation) for chemical analysis on April 20, 2005. The samples were sent to GZA's Laboratory in Hopkinton, Massachusetts following typical chain-of-custody procedures. The samples were analyzed for VOCs via EPA Method 8260 STARS and SVOCs via EPA Method 8270 STARS. Appendix B contains the laboratory report for the analysis performed. See Figure 2 for locations. Sample designation is summarized below.

- North Comp: the composite confirmation sample collected from the north wall of the excavation approximately 6 feet bgs.
- South Comp: the composite confirmation sample collected from the south wall of the excavation approximately 6 feet bgs.
- East Comp: the composite confirmation sample collected from the east wall of the excavation approximately 6 feet bgs.
- West Comp: the composite confirmation sample collected from the west wall of the excavation approximately 6 feet bgs.
- Bottom Comp: the composite confirmation sample collected from the bottom of the excavation approximately 10 feet bgs.

5.10 EXCAVATION SOIL SAMPLE RESULTS

The analytical test results for the surface and subsurface soil samples were compared to:

- New York State Department of Environmental Conservation (NYSDEC) Recommended Soil Cleanup Objectives (RSCOs) presented in NYSDEC,

Technical and Administrative Guidance Memorandum (TAGM) HWR-94-4046: Determination of Soil Cleanup Objectives and Cleanup Levels.

VOLATILE ORGANIC COMPOUNDS

No VOCs were identified above the method detection limits in four (North Comp, South Comp, West Comp, and Bottom Comp) of the five soil samples sent for chemical analysis.

One VOC, 1,2,4-Trimethylbenzene, was detected at 0.12 ppm in the composite sample from the east side wall. This detection does not exceed its NYSDEC TAGM 4046 RSCO of 13 ppm.

SEMI-VOLATILE ORGANIC COMPOUNDS

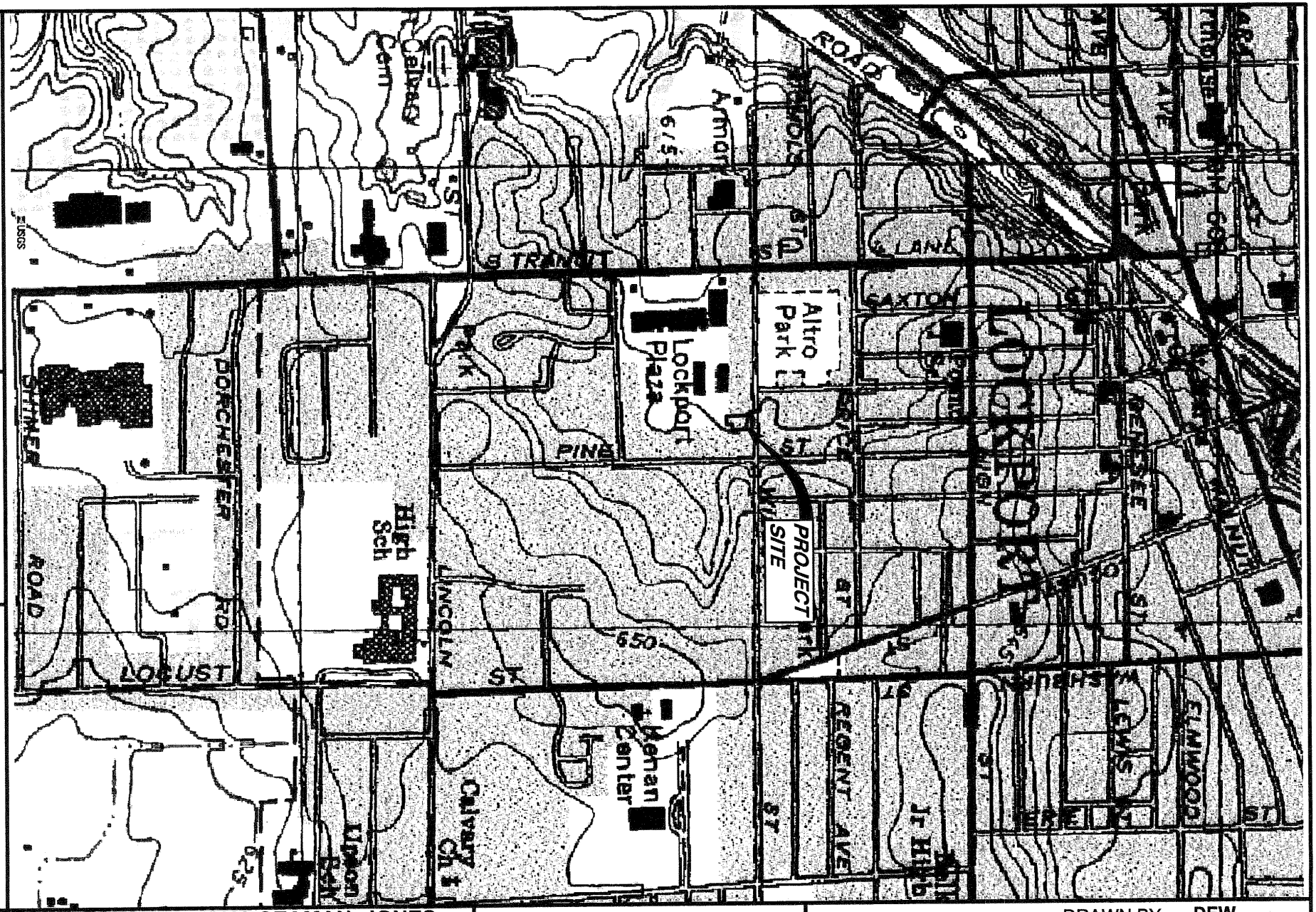
No SVOCs were identified above the method detection limits in the five soil samples sent for chemical analysis.

It is GZA's opinion that no additional environmental investigation or remedial work is required regarding the AST and UST removals.

6.00 PHOTOGRAPHIC DOCUMENTATION

Appendix C contains photographic documentation of site conditions and AST and UST removal activities.

FIGURES



NOTE:
BASE MAP ADAPTED FROM U.S.G.S. TOPOGRAPHIC MAPS DOWNLOADED FROM TERRASERVER.MICROSOFT.COM

EARL, DELANGE, MAY, SEAMAN, JONES, HOGAN & BROOKS, LLP

PETER'S DRY CLEANERS
316 WILLOW STREET
LOCKPORT, NEW YORK
AST & UST CLOSURE REPORT

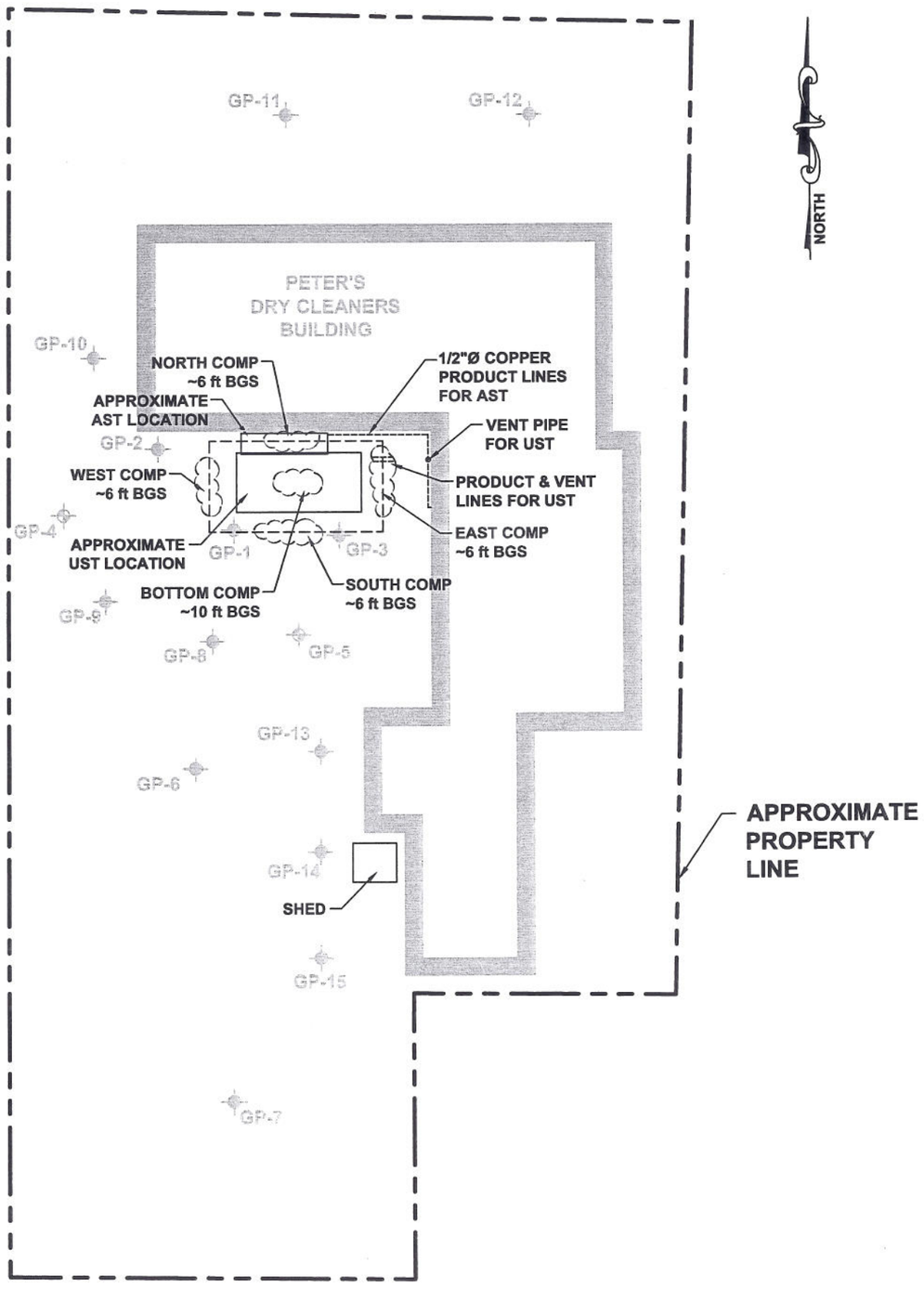
LOCUS PLAN

SCALE IN FEET
0 500 1000 2000

DRAWN BY: **DEW**
DATE: **JUNE 2005**

GZA GeoEnvironmental of New York

PROJECT No. **21.0056017.00**
FIGURE No. **1**



LEGEND:

BOTTOM COMP ~10 ft BGS — APPROXIMATE LOCATION AND DESIGNATION OF CONFIRMATORY SOIL SAMPLES COLLECTED BY GZA GEOENVIRONMENTAL OF NEW YORK

GP-1 — APPROXIMATE LOCATION AND DESIGNATION OF SOIL PROBE DONE BY SLC ENVIRONMENTAL SERVICES, INC. ON JULY 13, 2004

GP-4 — APPROXIMATE LOCATION AND DESIGNATION OF SOIL PROBE DONE BY SLC ENVIRONMENTAL SERVICES, INC. ON JULY 13, 2004 WITH MICROWELL INSTALLED

NOTES:

1. BASE MAP ADAPTED FROM A 2002 AERIAL PHOTOGRAPH DOWNLOADED FROM http://www.nysgis.state.ny.us/gateway/mg/interactive_main.html AND FIELD OBSERVATIONS.

2. THE SIZE AND LOCATION OF EXISTING SITE FEATURES SHOULD BE CONSIDERED APPROXIMATE.

DRAWN BY: DEW

DATE: JUNE 2005

GZA GeoEnvironmental of New York

APPROXIMATE SCALE IN FEET
0 10 20 40

EARL, DELANGE, MAY, SEAMAN, JONES, HOGAN & BROOKS, LLP

PETER'S DRY CLEANERS
316 WILLOW STREET
LOCKPORT, NEW YORK

AST & UST CLOSURE REPORT
SITE PLAN

PROJECT No.
21.0056017.00

FIGURE No.
2

APPENDIX A

DISPOSAL DOCUMENTATION

CARMEN M. PARISO, INC.

3649 RIVER ROAD
TONAWANDA, NEW YORK 14150
OFFICE: (716) 875-6168 FAX: (716) 875-4121
SCALE: (716) 875-0902

TANDEMS **TRI-AXLES** **DUMP TRAILERS**

VARIETY OF PRODUCTS AVAILABLE FROM OUR STOCKPILES

CUSTOMER #

TICKET # **P** 58129

CUSTOMER NAME

DATE

TIME

DELIVERED

JOB #

PICKED UP

SHIP TO

CUSTOMER P.O. #

GROSS		POUNDS	MATERIAL
TARE		POUNDS	HAULING
NET		POUNDS	TAX
			TOTAL

PRODUCT _____ CODE _____

CUSTOMER SIGNATURE _____

WEIGHMASTER: **CARMEN M. PARISO**
N.Y.S. LICENSE #140123

WEIGHED BY _____

TRUCK NO. _____ TRUCKING CO.: _____

TRUCKER'S SIGNATURE _____

CUSTOMER 1

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Document No.: 353911
2. Page 1 of: FS-353911

3. Generator's Name and Mailing Address
Peter's Dry Cleaners, , 316 Willow St., , Lockport NY 14094, Christopher Doron
4. Generator's Phone ( ) 716-685-2300

Site Address:
Peter's Dry Cleaners, ,
316 Willow St., ,
Lockport NY 14094,

5. Transporter 1 Company Name: Parisi Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 716-875-8168

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Town of Tonawanda Landfill Closure
East Park Road
Tonawanda NY
10. US EPA ID Number: N/A
C. Facility's Phone:

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non RCRA, Non D.O.T. Regulated Material, AGM Soil (PCS), ,	001	T	0	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above:

E. Handling Codes for Wastes Listed Above: L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale
Emergency Phone: 716-285-3920
EnSol, Inc. Project ID Number: 05-3213-07T
Truck ID: 166
Truck Lic.: 37896-PA

Weight Ticket No.: 58129
Gross Weight: 57660
Tare Weight: 25800

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Chris Doron of GZA GeoEnvironmental of NY acting as an Agent for Mr. William Peters
Signature: GZA GeoEnvironmental of NY Act as Agent for Mr. William Peters
Month: 04 Day: 21 Year: 05

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Vinny Potter JR
Signature:
Month: 04 Day: 21 Year: 05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month: Day: Year:

19. Discrepancy Indication Space
Item #13 Estimated. Actual Weight = 15.94

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Gordon R. Spencer
Signature:
Month: 04 Day: 21 Year: 05

GENERATOR
TRANSPORTER
FACILITY

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL - RETURN TO GENERATOR

GALLOWAY TECHNICAL SERVICES

5726 Tonawanda Creek Road, Lockport, New York, 14094
(716) 625-6895, Fax: (716) 625-4304
email: gtsinc@adelphia.net

June 6, 2005

Christopher Boron
GZA GeoEnvironmental of New York
364 Nagel Drive
Buffalo, New York 14225

Re: Aboveground and underground storage tank cleaning and destruction certificate.

Dear Mr. Boron:

This letter is to certify that the aboveground and underground fuel oil storage tanks removed from Peter's Dry Cleaning on April 21, 2005 have been cut, cleaned and disposed/recycled as per the NYSDEC requirements at George J. Wolf's Scrap Yard (formerly Kugler Bros. Scrap Yard) located at 5220 Junction Road, Lockport, New York 14094 by Galloway Technical Services, Inc.

Any questions concerning the cutting, cleaning and/or disposal/recycling of these tanks should be directed to: William A. Galloway, Galloway Technical Services, Inc. at the above listed address.

Sincerely yours,

GALLOWAY TECHNICAL SERVICES, INC.

William A. Galloway, Jr.
President

APPENDIX B

CONFIRMATION SAMPLING ANALYTICAL RESULTS

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748
(781) 278-4700

Laboratory Identification Numbers:
MA and ME: MA092 NH: 2028
CT: PH0579 RI: LAO00236
NELAC - NYS DOH: 11063

ANALYTICAL DATA REPORT

GZA GeoEnvironmental of NY
364 Nagel Drive
Buffalo, NY 14225
(716)685-2300
Randy Rakoczynski

Project No.:	21.0056017.00
Work Order No.:	0504-00150
Date Received:	4/21/05
Date Reported:	4/29/05

SAMPLE INFORMATION

Date Sampled	Matrix	Laboratory ID	Sample ID
4/20/2005	Solid	0504-00150 001	NORTH COMP. 6FT.
4/20/2005	Solid	0504-00150 002	SOUTH COMP. 6FT.
4/20/2005	Solid	0504-00150 003	EAST COMP. 6FT.
4/20/2005	Solid	0504-00150 004	WEST COMP. 6FT.
4/20/2005	Solid	0504-00150 005	BOTTOM COMP. 10FT.

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748

ANALYTICAL REPORT

GZA GeoEnvironmental of NY
364 Nagel Drive
Buffalo, NY 14225

Randy Rakoczynski

Project Name: Peter's Dry Cleaners
Project No.: 21.0056017.00

Date Received: 4/21/05
Date Reported: 4/29/05
Work Order No.: 0504-00150

PROJECT NARRATIVE:

1. Sample Receipt

The samples were received on 04/21/05 via __GZA courier, _x_UPS, __FEDEX, or ___hand delivered. The temperature of the _x_temperature blank/__cooler air, was 0.8 degrees C. The samples were received intact for all requested analyses.

The samples were appropriately preserved in accordance with the method they reference. The VOC samples were preserved in methanol upon receipt at the laboratory.

2. EPA Method 8270 - PAHs

Attach QC 8270 04/25/05 - Solid

3. EPA Method 8260 - VOCs

* The above samples contain the non-target compound Tetrachloroethene.

Attach QC 8260 04/27/05 - Solid

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748

ANALYTICAL REPORT

GZA GeoEnvironmental of NY
364 Nagel Drive
Buffalo, NY 14225

Randy Rakoczynski

Project Name: Peter's Dry Cleaners
Project No.: 21.0056017.00

Date Received: 4/21/05
Date Reported: 4/29/05
Work Order No.: 0504-00150

Data Authorized By: _____

% R = % Recovery
DF = Dilution Factor
DFS = Dilution Factor Solids
DO = Diluted Out

Method 8260: The current version of the method is 8260B.
Method 8021: The current version of the method is 8021B.
Method 8270: The current version of the method is 8270C.
Method 6010: The current version of the method is 6010B.

Please note that the laboratory signed copy of the chain of custody record is an integral part of the data report.

The laboratory report shall not be reproduced except in full without the written consent of the laboratory.

Soil data is reported on a dry weight basis unless otherwise specified.

Matrix Spike / Matrix Spike Duplicate sets are performed as per each method and are reported at the end of the analytical report if assigned on the chain of custody.

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748

ANALYTICAL REPORT

GZA GeoEnvironmental of NY
364 Nagel Drive
Buffalo, NY 14225

Randy Rakoczynski

Project Name: Peter's Dry Cleaners
Project No.: 21.0056017.00

Date Received: 4/21/05
Date Reported: 4/29/05
Work Order No.: 0504-00150

Sample ID: NORTH COMP. 6FT.
Sample Date: 4/20/2005

Sample No.: 001

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANICS - STARS	EPA 8260			MQS	4/27/05
Methyl-Tert-Butyl-Ether	EPA 8260	<70	ug/kg	MQS	4/27/05
Benzene	EPA 8260	<70	ug/kg	MQS	4/27/05
Toluene	EPA 8260	<70	ug/kg	MQS	4/27/05
Ethylbenzene	EPA 8260	<70	ug/kg	MQS	4/27/05
m&p-Xylene	EPA 8260	<70	ug/kg	MQS	4/27/05
o-Xylene	EPA 8260	<70	ug/kg	MQS	4/27/05
Isopropylbenzene	EPA 8260	<70	ug/kg	MQS	4/27/05
n-Propylbenzene	EPA 8260	<70	ug/kg	MQS	4/27/05
1,3,5-Trimethylbenzene	EPA 8260	<70	ug/kg	MQS	4/27/05
tert-Butylbenzene	EPA 8260	<70	ug/kg	MQS	4/27/05
1,2,4-Trimethylbenzene	EPA 8260	<70	ug/kg	MQS	4/27/05
sec-Butylbenzene	EPA 8260	<70	ug/kg	MQS	4/27/05
p-Isopropyltoluene	EPA 8260	<70	ug/kg	MQS	4/27/05
n-Butylbenzene	EPA 8260	<70	ug/kg	MQS	4/27/05
Naphthalene	EPA 8260	<70	ug/kg	MQS	4/27/05
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	83.5	% R	MQS	4/27/05
***Toluene-D8	EPA 8260	113	% R	MQS	4/27/05
***4-Bromofluorobenzene	EPA 8260	95.0	% R	MQS	4/27/05
Preparation	EPA 5035	14	DF	MQS	4/27/05
POLYNUCLEAR AROMATIC HYDROCARBONS - EPA 8270				CMG	4/26/05
Naphthalene	EPA 8270	<330	ug/kg	CMG	4/26/05
2-Methylnaphthalene	EPA 8270	<330	ug/kg	CMG	4/26/05
Acenaphthylene	EPA 8270	<330	ug/kg	CMG	4/26/05
Acenaphthene	EPA 8270	<330	ug/kg	CMG	4/26/05
Fluorene	EPA 8270	<330	ug/kg	CMG	4/26/05
Phenanthrene	EPA 8270	<330	ug/kg	CMG	4/26/05
Anthracene	EPA 8270	<330	ug/kg	CMG	4/26/05
Fluoranthene	EPA 8270	<330	ug/kg	CMG	4/26/05
Pyrene	EPA 8270	<330	ug/kg	CMG	4/26/05
Benzo [a] Anthracene	EPA 8270	<330	ug/kg	CMG	4/26/05

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Peter's Dry Cleaners
Project No.: 21.0056017.00

Work Order No.: 0504-00150

Sample ID: NORTH COMP. 6FT.
Sample Date: 4/20/2005

Sample No.: 001

Test Performed	Method	Results	Units	Tech	Analysis Date
Chrysene	EPA 8270	<330	ug/kg	CMG	4/26/05
Benzo [b] Fluoranthene	EPA 8270	<330	ug/kg	CMG	4/26/05
Benzo [k] Fluoranthene	EPA 8270	<330	ug/kg	CMG	4/26/05
Benzo [a] Pyrene	EPA 8270	<330	ug/kg	CMG	4/26/05
Indeno [1,2,3-cd] Pyrene	EPA 8270	<330	ug/kg	CMG	4/26/05
Dibenzo [a,h] Anthracene	EPA 8270	<330	ug/kg	CMG	4/26/05
Benzo [g,h,i] Perylene	EPA 8270	<330	ug/kg	CMG	4/26/05
Surrogates:	EPA 8270				
***Nitrobenzene-D5	EPA 8270	52.9	% R	CMG	4/26/05
***2-Fluorobiphenyl	EPA 8270	46.1	% R	CMG	4/26/05
***P-Terphenyl-D14	EPA 8270	65.9	% R	CMG	4/26/05
Extraction	EPA 3545	1.0	DF	RJD	4/25/05
PERCENT SOLID		87.5	%	TAJ	4/22/05

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Peter's Dry Cleaners
Project No.: 21.0056017.00

Work Order No.: 0504-00150

Sample ID: SOUTH COMP. 6FT.
Sample Date: 4/20/2005

Sample No.: 002

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANICS - STARS	EPA 8260			MQS	4/27/05
Methyl-Tert-Butyl-Ether	EPA 8260	<75	ug/kg	MQS	4/27/05
Benzene	EPA 8260	<75	ug/kg	MQS	4/27/05
Toluene	EPA 8260	<75	ug/kg	MQS	4/27/05
Ethylbenzene	EPA 8260	<75	ug/kg	MQS	4/27/05
m&p-Xylene	EPA 8260	<75	ug/kg	MQS	4/27/05
o-Xylene	EPA 8260	<75	ug/kg	MQS	4/27/05
Isopropylbenzene	EPA 8260	<75	ug/kg	MQS	4/27/05
n-Propylbenzene	EPA 8260	<75	ug/kg	MQS	4/27/05
1,3,5-Trimethylbenzene	EPA 8260	<75	ug/kg	MQS	4/27/05
tert-Butylbenzene	EPA 8260	<75	ug/kg	MQS	4/27/05
1,2,4-Trimethylbenzene	EPA 8260	<75	ug/kg	MQS	4/27/05
sec-Butylbenzene	EPA 8260	<75	ug/kg	MQS	4/27/05
p-Isopropyltoluene	EPA 8260	<75	ug/kg	MQS	4/27/05
n-Butylbenzene	EPA 8260	<75	ug/kg	MQS	4/27/05
Naphthalene	EPA 8260	<75	ug/kg	MQS	4/27/05
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	96.2	% R	MQS	4/27/05
***Toluene-D8	EPA 8260	122	% R	MQS	4/27/05
***4-Bromofluorobenzene	EPA 8260	97.3	% R	MQS	4/27/05
Preparation	EPA 5035	15	DF	MQS	4/27/05
POLYNUCLEAR AROMATIC HYDROCARBONS - EPA 8270				CMG	4/26/05
Naphthalene	EPA 8270	<330	ug/kg	CMG	4/26/05
2-Methylnaphthalene	EPA 8270	<330	ug/kg	CMG	4/26/05
Acenaphthylene	EPA 8270	<330	ug/kg	CMG	4/26/05
Acenaphthene	EPA 8270	<330	ug/kg	CMG	4/26/05
Fluorene	EPA 8270	<330	ug/kg	CMG	4/26/05
Phenanthrene	EPA 8270	<330	ug/kg	CMG	4/26/05
Anthracene	EPA 8270	<330	ug/kg	CMG	4/26/05
Fluoranthene	EPA 8270	<330	ug/kg	CMG	4/26/05
Pyrene	EPA 8270	<330	ug/kg	CMG	4/26/05
Benzo [a] Anthracene	EPA 8270	<330	ug/kg	CMG	4/26/05
Chrysene	EPA 8270	<330	ug/kg	CMG	4/26/05
Benzo [b] Fluoranthene	EPA 8270	<330	ug/kg	CMG	4/26/05
Benzo [k] Fluoranthene	EPA 8270	<330	ug/kg	CMG	4/26/05
Benzo [a] Pyrene	EPA 8270	<330	ug/kg	CMG	4/26/05
Indeno [1,2,3-cd] Pyrene	EPA 8270	<330	ug/kg	CMG	4/26/05
Dibenzo [a,h] Anthracene	EPA 8270	<330	ug/kg	CMG	4/26/05
Benzo [g,h,i] Perylene	EPA 8270	<330	ug/kg	CMG	4/26/05
Surrogates:	EPA 8270				

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Peter's Dry Cleaners
Project No.: 21.0056017.00

Work Order No.: 0504-00150

Sample ID: SOUTH COMP. 6FT.
Sample Date: 4/20/2005

Sample No.: 002

Test Performed	Method	Results	Units	Tech	Analysis Date
***Nitrobenzene-D5	EPA 8270	57.7	% R	CMG	4/26/05
***2-Fluorobiphenyl	EPA 8270	48.6	% R	CMG	4/26/05
***P-Terphenyl-D14	EPA 8270	61.7	% R	CMG	4/26/05
Extraction	EPA 3545	1.0	DF	RJD	4/25/05
PERCENT SOLID		84.3	%	TAJ	4/22/05

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Peter's Dry Cleaners
Project No.: 21.0056017.00

Work Order No.: 0504-00150

Sample ID: EAST COMP. 6FT.
Sample Date: 4/20/2005

Sample No.: 003

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANICS - STARS	EPA 8260			MQS	4/27/05
Methyl-Tert-Butyl-Ether	EPA 8260	<75	ug/kg	MQS	4/27/05
Benzene	EPA 8260	<75	ug/kg	MQS	4/27/05
Toluene	EPA 8260	<75	ug/kg	MQS	4/27/05
Ethylbenzene	EPA 8260	<75	ug/kg	MQS	4/27/05
m&p-Xylene	EPA 8260	<75	ug/kg	MQS	4/27/05
o-Xylene	EPA 8260	<75	ug/kg	MQS	4/27/05
Isopropylbenzene	EPA 8260	<75	ug/kg	MQS	4/27/05
n-Propylbenzene	EPA 8260	<75	ug/kg	MQS	4/27/05
1,3,5-Trimethylbenzene	EPA 8260	<75	ug/kg	MQS	4/27/05
tert-Butylbenzene	EPA 8260	<75	ug/kg	MQS	4/27/05
1,2,4-Trimethylbenzene	EPA 8260	120	ug/kg	MQS	4/27/05
sec-Butylbenzene	EPA 8260	<75	ug/kg	MQS	4/27/05
p-Isopropyltoluene	EPA 8260	<75	ug/kg	MQS	4/27/05
n-Butylbenzene	EPA 8260	<75	ug/kg	MQS	4/27/05
Naphthalene	EPA 8260	<75	ug/kg	MQS	4/27/05
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	86.2	% R	MQS	4/27/05
***Toluene-D8	EPA 8260	96.0	% R	MQS	4/27/05
***4-Bromofluorobenzene	EPA 8260	97.3	% R	MQS	4/27/05
Preparation	EPA 5035	15	DF	MQS	4/27/05
POLYNUCLEAR AROMATIC HYDROCARBONS - EPA 8270				CMG	4/26/05
Naphthalene	EPA 8270	<330	ug/kg	CMG	4/26/05
2-Methylnaphthalene	EPA 8270	<330	ug/kg	CMG	4/26/05
Acenaphthylene	EPA 8270	<330	ug/kg	CMG	4/26/05
Acenaphthene	EPA 8270	<330	ug/kg	CMG	4/26/05
Fluorene	EPA 8270	<330	ug/kg	CMG	4/26/05
Phenanthrene	EPA 8270	<330	ug/kg	CMG	4/26/05
Anthracene	EPA 8270	<330	ug/kg	CMG	4/26/05
Fluoranthene	EPA 8270	<330	ug/kg	CMG	4/26/05
Pyrene	EPA 8270	<330	ug/kg	CMG	4/26/05
Benzo [a] Anthracene	EPA 8270	<330	ug/kg	CMG	4/26/05
Chrysene	EPA 8270	<330	ug/kg	CMG	4/26/05
Benzo [b] Fluoranthene	EPA 8270	<330	ug/kg	CMG	4/26/05
Benzo [k] Fluoranthene	EPA 8270	<330	ug/kg	CMG	4/26/05
Benzo [a] Pyrene	EPA 8270	<330	ug/kg	CMG	4/26/05
Indeno [1,2,3-cd] Pyrene	EPA 8270	<330	ug/kg	CMG	4/26/05
Dibenzo [a,h] Anthracene	EPA 8270	<330	ug/kg	CMG	4/26/05
Benzo [g,h,i] Perylene	EPA 8270	<330	ug/kg	CMG	4/26/05
Surrogates:	EPA 8270				

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Peter's Dry Cleaners
Project No.: 21.0056017.00

Work Order No.: 0504-00150

Sample ID: EAST COMP. 6FT.
Sample Date: 4/20/2005

Sample No.: 003

Test Performed	Method	Results	Units	Tech	Analysis Date
***Nitrobenzene-D5	EPA 8270	61.8	% R	CMG	4/26/05
***2-Fluorobiphenyl	EPA 8270	59.3	% R	CMG	4/26/05
***P-Terphenyl-D14	EPA 8270	64.2	% R	CMG	4/26/05
Extraction	EPA 3545	1.0	DF	RJD	4/25/05
PERCENT SOLID		86.3	%	TAJ	4/22/05

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Peter's Dry Cleaners
Project No.: 21.0056017.00

Work Order No.: 0504-00150

Sample ID: WEST COMP. 6FT.
Sample Date: 4/20/2005

Sample No.: 004

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANICS - STARS	EPA 8260			MQS	4/27/05
Methyl-Tert-Butyl-Ether	EPA 8260	<70	ug/kg	MQS	4/27/05
Benzene	EPA 8260	<70	ug/kg	MQS	4/27/05
Toluene	EPA 8260	<70	ug/kg	MQS	4/27/05
Ethylbenzene	EPA 8260	<70	ug/kg	MQS	4/27/05
m&p-Xylene	EPA 8260	<70	ug/kg	MQS	4/27/05
o-Xylene	EPA 8260	<70	ug/kg	MQS	4/27/05
Isopropylbenzene	EPA 8260	<70	ug/kg	MQS	4/27/05
n-Propylbenzene	EPA 8260	<70	ug/kg	MQS	4/27/05
1,3,5-Trimethylbenzene	EPA 8260	<70	ug/kg	MQS	4/27/05
tert-Butylbenzene	EPA 8260	<70	ug/kg	MQS	4/27/05
1,2,4-Trimethylbenzene	EPA 8260	<70	ug/kg	MQS	4/27/05
sec-Butylbenzene	EPA 8260	<70	ug/kg	MQS	4/27/05
p-Isopropyltoluene	EPA 8260	<70	ug/kg	MQS	4/27/05
n-Butylbenzene	EPA 8260	<70	ug/kg	MQS	4/27/05
Naphthalene	EPA 8260	<70	ug/kg	MQS	4/27/05
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	81.1	% R	MQS	4/27/05
***Toluene-D8	EPA 8260	95.2	% R	MQS	4/27/05
***4-Bromofluorobenzene	EPA 8260	96.2	% R	MQS	4/27/05
Preparation	EPA 5035	14	DF	MQS	4/27/05
POLYNUCLEAR AROMATIC HYDROCARBONS - EPA 8270				CMG	4/26/05
Naphthalene	EPA 8270	<330	ug/kg	CMG	4/26/05
2-Methylnaphthalene	EPA 8270	<330	ug/kg	CMG	4/26/05
Acenaphthylene	EPA 8270	<330	ug/kg	CMG	4/26/05
Acenaphthene	EPA 8270	<330	ug/kg	CMG	4/26/05
Fluorene	EPA 8270	<330	ug/kg	CMG	4/26/05
Phenanthrene	EPA 8270	<330	ug/kg	CMG	4/26/05
Anthracene	EPA 8270	<330	ug/kg	CMG	4/26/05
Fluoranthene	EPA 8270	<330	ug/kg	CMG	4/26/05
Pyrene	EPA 8270	<330	ug/kg	CMG	4/26/05
Benzo [a] Anthracene	EPA 8270	<330	ug/kg	CMG	4/26/05
Chrysene	EPA 8270	<330	ug/kg	CMG	4/26/05
Benzo [b] Fluoranthene	EPA 8270	<330	ug/kg	CMG	4/26/05
Benzo [k] Fluoranthene	EPA 8270	<330	ug/kg	CMG	4/26/05
Benzo [a] Pyrene	EPA 8270	<330	ug/kg	CMG	4/26/05
Indeno [1,2,3-cd] Pyrene	EPA 8270	<330	ug/kg	CMG	4/26/05
Dibenzo [a,h] Anthracene	EPA 8270	<330	ug/kg	CMG	4/26/05
Benzo [g,h,i] Perylene	EPA 8270	<330	ug/kg	CMG	4/26/05
Surrogates:	EPA 8270				

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Peter's Dry Cleaners
Project No.: 21.0056017.00

Work Order No.: 0504-00150

Sample ID: WEST COMP. 6FT.
Sample Date: 4/20/2005

Sample No.: 004

Test Performed	Method	Results	Units	Tech	Analysis Date
***Nitrobenzene-D5	EPA 8270	71.5	% R	CMG	4/26/05
***2-Fluorobiphenyl	EPA 8270	65.5	% R	CMG	4/26/05
***P-Terphenyl-D14	EPA 8270	75.7	% R	CMG	4/26/05
Extraction	EPA 3545	1.0	DF	RJD	4/25/05
PERCENT SOLID		88.9	%	TAJ	4/22/05

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Peter's Dry Cleaners
Project No.: 21.0056017.00

Work Order No.: 0504-00150

Sample ID: BOTTOM COMP. 10FT.
Sample Date: 4/20/2005

Sample No.: 005

Test Performed	Method	Results	Units	Tech	Analysis Date
VOLATILE ORGANICS - STARS	EPA 8260			MQS	4/27/05
Methyl-Tert-Butyl-Ether	EPA 8260	<70	ug/kg	MQS	4/27/05
Benzene	EPA 8260	<70	ug/kg	MQS	4/27/05
Toluene	EPA 8260	<70	ug/kg	MQS	4/27/05
Ethylbenzene	EPA 8260	<70	ug/kg	MQS	4/27/05
m&p-Xylene	EPA 8260	<70	ug/kg	MQS	4/27/05
o-Xylene	EPA 8260	<70	ug/kg	MQS	4/27/05
Isopropylbenzene	EPA 8260	<70	ug/kg	MQS	4/27/05
n-Propylbenzene	EPA 8260	<70	ug/kg	MQS	4/27/05
1,3,5-Trimethylbenzene	EPA 8260	<70	ug/kg	MQS	4/27/05
tert-Butylbenzene	EPA 8260	<70	ug/kg	MQS	4/27/05
1,2,4-Trimethylbenzene	EPA 8260	<70	ug/kg	MQS	4/27/05
sec-Butylbenzene	EPA 8260	<70	ug/kg	MQS	4/27/05
p-Isopropyltoluene	EPA 8260	<70	ug/kg	MQS	4/27/05
n-Butylbenzene	EPA 8260	<70	ug/kg	MQS	4/27/05
Naphthalene	EPA 8260	<70	ug/kg	MQS	4/27/05
Surrogates:	EPA 8260				
***1,2-Dichloroethane-D4	EPA 8260	84.7	% R	MQS	4/27/05
***Toluene-D8	EPA 8260	97.3	% R	MQS	4/27/05
***4-Bromofluorobenzene	EPA 8260	98.7	% R	MQS	4/27/05
Preparation	EPA 5035	14	DF	MQS	4/27/05
POLYNUCLEAR AROMATIC HYDROCARBONS - EPA 8270				CMG	4/27/05
Naphthalene	EPA 8270	<330	ug/kg	CMG	4/27/05
2-Methylnaphthalene	EPA 8270	<330	ug/kg	CMG	4/27/05
Acenaphthylene	EPA 8270	<330	ug/kg	CMG	4/27/05
Acenaphthene	EPA 8270	<330	ug/kg	CMG	4/27/05
Fluorene	EPA 8270	<330	ug/kg	CMG	4/27/05
Phenanthrene	EPA 8270	<330	ug/kg	CMG	4/27/05
Anthracene	EPA 8270	<330	ug/kg	CMG	4/27/05
Fluoranthene	EPA 8270	<330	ug/kg	CMG	4/27/05
Pyrene	EPA 8270	<330	ug/kg	CMG	4/27/05
Benzo [a] Anthracene	EPA 8270	<330	ug/kg	CMG	4/27/05
Chrysene	EPA 8270	<330	ug/kg	CMG	4/27/05
Benzo [b] Fluoranthene	EPA 8270	<330	ug/kg	CMG	4/27/05
Benzo [k] Fluoranthene	EPA 8270	<330	ug/kg	CMG	4/27/05
Benzo [a] Pyrene	EPA 8270	<330	ug/kg	CMG	4/27/05
Indeno [1,2,3-cd] Pyrene	EPA 8270	<330	ug/kg	CMG	4/27/05
Dibenzo [a,h] Anthracene	EPA 8270	<330	ug/kg	CMG	4/27/05
Benzo [g,h,i] Perylene	EPA 8270	<330	ug/kg	CMG	4/27/05
Surrogates:	EPA 8270				

GZA GeoEnvironmental, Inc.

ANALYTICAL REPORT

Project Name: Peter's Dry Cleaners
Project No.: 21.0056017.00

Work Order No.: 0504-00150

Sample ID: BOTTOM COMP. 10FT.
Sample Date: 4/20/2005

Sample No.: 005

Test Performed	Method	Results	Units	Tech	Analysis Date
***Nitrobenzene-D5	EPA 8270	57.5	% R	CMG	4/27/05
***2-Fluorobiphenyl	EPA 8270	54.1	% R	CMG	4/27/05
***P-Terphenyl-D14	EPA 8270	69.5	% R	CMG	4/27/05
Extraction	EPA 3545	1.0	DF	RJD	4/25/05
PERCENT SOLID		85.0	%	TAJ	4/22/05

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748

EPA Method 8260 Solid Method Blank (MB) and Laboratory Control Sample (LCS) Data

Method Blank

Date Analyzed:	4/27/2005	
Volatile Organics	Conc. ug/kg	Acceptance Limit
dichlorodifluoromethane	< 250	< 250
chloromethane	< 250	< 250
vinyl chloride	< 250	< 250
bromomethane	< 250	< 250
chloroethane	< 250	< 250
trichlorofluoromethane	< 250	< 250
diethyl ether	< 500	< 500
acetone	< 1300	< 1300
1,1-dichloroethene	< 130	< 130
FREON-113	< 250	< 250
carbon disulfide	< 250	< 250
dichloromethane	< 250	< 250
tert-butyl alcohol (TBA)	< 1300	< 1300
methyl-tert-butyl-ether	< 250	< 250
trans-1,2-dichloroethene	< 130	< 130
1,1-dichloroethane	< 130	< 130
di-isopropyl ether (DIPE)	< 250	< 250
ethyl tert-butyl ether (EtBE)	< 250	< 250
2-butanone	< 1300	< 1300
2,2-dichloropropane	< 130	< 130
cis-1,2-dichloroethene	< 130	< 130
chloroform	< 130	< 130
bromochloromethane	< 130	< 130
tetrahydrafuran	< 750	< 750
1,1,1-trichloroethane	< 130	< 130
1,1-dichloropropene	< 130	< 130
carbon tetrachloride	< 130	< 130
1,2-dichloroethane	< 130	< 130
benzene	< 130	< 130
tert-amyl methyl ether (TAME)	< 250	< 250
trichloroethene	< 130	< 130
1,2-dichloropropane	< 130	< 130
bromodichloromethane	< 130	< 130
1,4-Dioxane	< 2500	< 2500
dibromomethane	< 130	< 130
4-methyl-2-pentanone	< 250	< 250
cis-1,3-dichloropropene	< 130	< 130
toluene	< 130	< 130
trans-1,3-dichloropropene	< 130	< 130
1,1,2-trichloroethane	< 250	< 250
2-hexanone	< 250	< 250
1,3-dichloropropane	< 130	< 130
tetrachloroethene	< 130	< 130
dibromochloromethane	< 130	< 130
1,2-dibromoethane (EDB)	< 130	< 130
chlorobenzene	< 130	< 130
1,1,1,2-tetrachloroethane	< 130	< 130
ethylbenzene	< 130	< 130
1,1,2,2-tetrachloroethane	< 130	< 130
m&p-xylene	< 130	< 130
o-xylene	< 130	< 130
styrene	< 130	< 130
bromoform	< 130	< 130
isopropylbenzene	< 130	< 130
1,2,3-trichloropropane	< 130	< 130
bromobenzene	< 130	< 130
n-propylbenzene	< 130	< 130
2-chlorotoluene	< 130	< 130
1,3,5-trimethylbenzene	< 130	< 130
4-chlorotoluene	< 130	< 130
tert-butyl-benzene	< 130	< 130
1,2,4-trimethylbenzene	< 130	< 130
sec-butyl-benzene	< 130	< 130
p-isopropyltoluene	< 750	< 750
1,3-dichlorobenzene	< 130	< 130
1,4-dichlorobenzene	< 130	< 130
n-butylbenzene	< 130	< 130
1,2-dichlorobenzene	< 130	< 130
1,2-dibromo-3-chloropropane	< 130	< 130
1,2,4-trichlorobenzene	< 130	< 130
hexachlorobutadiene	< 130	< 130
naphthalene	< 130	< 130
1,2,3-trichlorobenzene	< 130	< 130

Laboratory Control Sample

Date Analyzed:	4/27/2005		
Spike Concentration = 20ug/L	% Recovery	Acceptance Limits	Verdict
dichlorodifluoromethane	107	70-130	ok
chloromethane	106	70-130	ok
vinyl chloride	112	70-130	ok
bromomethane	134	70-130	out
chloroethane	137	70-130	out
trichlorofluoromethane	93.7	70-130	ok
diethyl ether	96.3	70-130	ok
acetone	96.7	70-130	ok
1,1-dichloroethene	97.4	70-130	ok
FREON-113	103	70-130	ok
carbon disulfide	101	70-130	ok
dichloromethane	98.3	70-130	ok
tert-butyl alcohol (TBA)	97.5	70-130	ok
methyl-tert-butyl-ether	99.9	70-130	ok
trans-1,2-dichloroethene	97.9	70-130	ok
1,1-dichloroethane	102	70-130	ok
di-isopropyl ether (DIPE)	93.2	70-130	ok
ethyl tert-butyl ether (EtBE)	96.0	70-130	ok
2-butanone	80.0	70-130	ok
2,2-dichloropropane	97.0	70-130	ok
cis-1,2-dichloroethene	97.1	70-130	ok
chloroform	83.7	70-130	ok
bromochloromethane	89.3	70-130	ok
tetrahydrafuran	83.4	70-130	ok
1,1,1-trichloroethane	87.8	70-130	ok
1,1-dichloropropene	78.9	70-130	ok
carbon tetrachloride	87.3	70-130	ok
1,2-dichloroethane	90.3	70-130	ok
benzene	82.5	70-130	ok
tert-amyl methyl ether (TAME)	83.0	70-130	ok
trichloroethene	91.6	70-130	ok
1,2-dichloropropane	103	70-130	ok
bromodichloromethane	108	70-130	ok
1,4-Dioxane	117	70-130	ok
dibromomethane	115	70-130	ok
4-methyl-2-pentanone	100	70-130	ok
cis-1,3-dichloropropene	101	70-130	ok
toluene	103	70-130	ok
trans-1,3-dichloropropene	93.6	70-130	ok
1,1,2-trichloroethane	98.4	70-130	ok
2-hexanone	96.0	70-130	ok
1,3-dichloropropane	101	70-130	ok
tetrachloroethene	104	70-130	ok
dibromochloromethane	98.9	70-130	ok
1,2-dibromoethane (EDB)	101	70-130	ok
chlorobenzene	105	70-130	ok
1,1,1,2-tetrachloroethane	101	70-130	ok
ethylbenzene	102	70-130	ok
1,1,2,2-tetrachloroethane	89.2	70-130	ok
m&p-xylene	96.2	70-130	ok
o-xylene	97.6	70-130	ok
styrene	101	70-130	ok
bromoform	94.8	70-130	ok
isopropylbenzene	100	70-130	ok
1,2,3-trichloropropane	95.7	70-130	ok
bromobenzene	100	70-130	ok
n-propylbenzene	98.1	70-130	ok
2-chlorotoluene	95.9	70-130	ok
1,3,5-trimethylbenzene	94.8	70-130	ok
4-chlorotoluene	93.8	70-130	ok
tert-butyl-benzene	103	70-130	ok
1,2,4-trimethylbenzene	95.9	70-130	ok
sec-butyl-benzene	98.2	70-130	ok
p-isopropyltoluene	97.0	70-130	ok
1,3-dichlorobenzene	95.2	70-130	ok
1,4-dichlorobenzene	88.4	70-130	ok
n-butylbenzene	93.6	70-130	ok
1,2-dichlorobenzene	91.5	70-130	ok
1,2-dibromo-3-chloropropane	88.8	70-130	ok
1,2,4-trichlorobenzene	98.3	70-130	ok
hexachlorobutadiene	105	70-130	ok
naphthalene	97.3	70-130	ok
1,2,3-trichlorobenzene	96.5	70-130	ok

SMF criteria allows 5 compounds to be outside acceptance limits

Surrogates:	Recovery (%)	Acceptance Limits
DIBROMOFLUOROMETHANE	86.2	70-130
1,2-DICHLOROETHANE-D4	89.9	70-130
TOLUENE-D8	109	70-130
4-BROMOFLUOROBENZENE	97.8	70-130
1,2-DICHLOROBENZENE-D4	91.8	70-130

Surrogates:	Recovery (%)	Acceptance Limits	Verdict
DIBROMOFLUOROMETHANE	84.6	70-130	ok
1,2-DICHLOROETHANE-D4	79.6	70-130	ok
TOLUENE-D8	105	70-130	ok
4-BROMOFLUOROBENZENE	97.3	70-130	ok
1,2-DICHLOROBENZENE-D4	95.7	70-130	ok

Instrument: HP GC/MS "A"

GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748

EPA Method 8270 Solid Method Blank (MB) and Laboratory Control Sample (LCS) Data

Method Blank

Date Extracted:	**04/25/05**
Date Analyzed:	**04/26/05**
File Name:	**V7541**

Semi-Volatile Organics	**Result**	**Reporting Limit**
n-nitrosodimethylamine	ND	330
pyridine	ND	3300
phenol	ND	330
bis(2-chloroethyl)ether	ND	330
2-chlorophenol	ND	330
1,3-dichlorobenzene	ND	330
1,4-dichlorobenzene	ND	330
benzyl alchohol	ND	660
1,2-dichlorobenzene	ND	330
2-methylphenol	ND	330
bis(2-chloroisopropyl)ether	ND	330
3&4-methylphenol	ND	330
n-nitrosodi-n-propylamine	ND	330
hexachloroethane	ND	330
nitrobenzene	ND	330
isophrone	ND	330
2-nitrophenol	ND	330
2,4-dimethylphenol	ND	330
benzoic acid	ND	330
bis(2-chloroethoxy)methane	ND	330
2,4-dichlorophenol	ND	330
1,2,4-trichlorobenzene	ND	330
napthalene	ND	330
4-chloroaniline	ND	660
hexachlorobutadiene	ND	330
4-chloro-3-methylphenol	ND	660
2-methylnapthalene	ND	330
aniline	ND	330
hexachlorocyclopentadiene	ND	1700
2,4,6-trichlorophenol	ND	330
2,4,5-trichlorophenol	ND	330
2-chloronapthalene	ND	330
2-nitroaniline	ND	1700
dimethylphthalate	ND	330
acenapthylene	ND	330
2,6-dinitrotoluene	ND	330
3-nitroaniline	ND	1700
acenaphthene	ND	330
2,4-dinitrophenol	ND	3300
dibenzofuran	ND	330
4-nitrophenol	ND	1700
2,4-dinitrotoluene	ND	330
diethylphthalate	ND	330
fluorene	ND	330
4-chlorophenyl phenyl ether	ND	330
4-nitroaniline	ND	660
4,6-dinitro-2-methylphenol	ND	1700
n-nitrosodiphenylamine	ND	330
4-bromophenyl phenyl ether	ND	330
hexachlorobenzene	ND	330
pentachlorophenol	ND	1700
phenanthrene	ND	330
anthracene	ND	330
carbazole	ND	330
di-n-butylphthalate	ND	500
fluoranthene	ND	330
benzidine	ND	330
pyrene	ND	330
butylbenzylphthalate	ND	330
benz [a] anthracene	ND	330
3,3'-dichlorobenzidine	ND	660
chrysene	ND	330
bis(2-ethylhexyl)phthalate	ND	330
di-n-octylphthalate	ND	330
benzo [b] fluoranthene	ND	330
benzo [k] fluoranthene	ND	330
benzo [a] pyrene	ND	330
indeno [1,2,3-cd] pyrene	ND	330
dibenz [a,h] anthracene	ND	330
benzo [ghi] perylene	ND	330

Surrogates:	**Recovery (%)**	**Acceptance Limits**
2-FLUOROPHENOL	75.7	30-130
PHENOL-D6	77.6	30-130
NITROBENZENE-D5	79.1	30-130
2-FLUOROBIPHENYL	73.1	30-130
2,4,6-TRIBROMOPHENOL	93.7	30-130
p-TERPHENYL-D14	91.9	30-130

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GZA GeoEnvironmental, Inc.
106 South Street
Hopkinton, MA 01748

EPA Method 8270 Solid Method Blank (MB) and Laboratory Control Sample (LCS) Data

Laboratory Control Sample

Date Extracted:	**04/25/05**		
Date Analyzed:	**04/26/05**		
File Name:	V7542		
Spike Concentration = 20ug/L	**% Recovery**	**Acceptance Limits**	**Verdict**
n-nitrosodimethylamine	119	40-140	ok
pyridine	105	40-140	ok
phenol	96.2	30-130	ok
bis(2-chlorcethyl)ether	78.8	40-140	ok
2-chlorophenol	93.9	30-130	ok
1,3-dichlorobenzene	84.2	40-140	ok
1,4-dichlorobenzene	83.3	40-140	ok
benzyl alchohol	94.9	40-140	ok
1,2-dichlorobenzene	80.8	40-140	ok
2-methylphenol	94.2	30-130	ok
bis(2-chloroisopropyl)ether	104	40-140	ok
3&4-methylphenol	181	30-130	out
n-nitrosodi-n-propylamine	113	40-140	ok
hexachloroethane	97.0	40-140	ok
nitrobenzene	101	40-140	ok
isophrone	107	40-140	ok
2-nitrophenol	86.7	30-130	ok
2,4-dimethylphenol	90.1	30-130	ok
benzoic acid	49.8	30-130	ok
bis(2-chloroethoxy)methane	108	40-140	ok
2,4-dichlorophenol	89.5	30-130	ok
1,2,4-trichlorobenzene	81.1	40-140	ok
napthalene	86.7	40-140	ok
4-chloroaniline	57.2	40-140	ok
hexachlorobutadiene	97.2	40-140	ok
4-chloro-3-methylphenol	106	30-130	ok
2-methylnapthalene	93.6	40-140	ok
aniline	79.3	40-140	ok
hexachlorocyclopentadiene	148	40-140	out
2,4,6-trichlorophenol	89.8	30-130	ok
2,4,5-trichlorophenol	96.4	30-130	ok
2-chloronapthalene	89.4	40-140	ok
2-nitroaniline	117	40-140	ok
dimethylphthalate	102	40-140	ok
acenapthylene	87.7	40-140	ok
2,6-dinitrotoluene	97.6	40-140	ok
3-nitroaniline	103	40-140	ok
acenaphthene	82.6	40-140	ok
2,4-dinitrophenol	72.9	30-130	ok
dibenzofuran	88.6	40-140	ok
4-nitrophenol	140	30-130	out
2,4-dinitrotoluene	94.2	40-140	ok
diethylphthalate	111	40-140	ok
fluorene	81.0	40-140	ok
4-chlorophenyl phenyl ether	86.0	40-140	ok
4-nitroaniline	144	40-140	out
4,6-dinitro-2-methylphenol	83.2	30-130	ok
n-nitrosodiphenylamine	104	40-140	ok
4-bromophenyl phenyl ether	94.8	40-140	ok
hexachlorobenzene	93.5	40-140	ok
pentachlorophenol	98.1	30-130	ok
phenanthrene	90.0	40-140	ok
anthracene	90.7	40-140	ok
carbazole	130	40-140	ok
di-n-butylphthalate	145	40-140	out
fluoranthene	91.7	40-140	ok
benzidine	0.00	40-140	out
pyrene	95.3	40-140	ok
butylbenzylphthalate	112	40-140	ok
benz [a] anthracene	94.6	40-140	ok
3,3'-dichlorobenzidine	110	40-140	ok
chrysene	88.8	40-140	ok
bis(2-ethylhexyl)phthalate	99.7	40-140	ok
di-n-octylphthalate	111	40-140	ok
benzo [b] fluoranthene	90.0	40-140	ok
benzo [k] fluoranthene	93.0	40-140	ok
benzo [a] pyrene	92.9	40-140	ok
indeno [1,2,3-cd] pyrene	96.8	40-140	ok
dibenz [a,h] anthracene	97.8	40-140	ok
benzo [ghi] perylene	102	40-140	ok

CAM criteria allows 15% of analytes to exceed criteria.

Surrogates:	**Recovery (%)**	**Acceptance Limits**	**Verdict**
2-FLUOROPHENOL	94.6	30-130	ok
PHENOL-D6	89.7	30-130	ok
NITROBENZENE-D5	96.4	30-130	ok
2-FLUOROBIPHENYL	86.6	30-130	ok
2,4,6-TRIBROMOPHENOL	100	30-130	ok
p-TERPHENYL-D14	108	30-130	ok

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WHITE COPY - Original YELLOW COPY - Lab Files PINK COPY - Project Manager

W.O. # 0504 - 00150
(for lab use only)

CHAIN-OF-CUSTODY RECORD

Sample I.D.	Date/Time Sampled (Very Important)	Matrix A=Air S=Soil GW=Ground W. SW=Surface W. WW=Waste W. DW=Drinking W. Other (specify)	☐pH ☐Cond.	GC Screen (VOA)	☐524.2 ☐502.2	624 (WW ONLY)	☐601 ☐602 (WW ONLY)	625 (WW ONLY)	Formaldehyde (WW ONLY)	8260 STARS	8021	8021 - "8010" List	8021 "8020" List	8270 STARS	8082-PCBs Only	8081 - Pest Only	TPH-GC (Mod. 8100)	TPH-GC w/FING	EPH (MA DEP)	VPH (MA DEP)	TCLP (Spec. Below)	Filtering (✓ if requested)	Metals ☐PPM-13 ☐ R-8	Metals (List Below)	Total # of Cont.	Note #
North Comp, 6'	4/20/05 1200	S								X				X											1	
South Comp, 6'	↓ 1210	↓								X				X											1	
East Comp, 6'	1220									X				X											1	
West Comp, 6'	1230									X				X											1	
Bottom Comp, 10'	1240									X				X											1	

PRESERVATIVE (Cl - HCl, M=MeOH, N - HNO3, S - H2SO4, Na - NaOH, O - Other)*

CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)*

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Chris Boron	4/20/05 1700	Drop at UPS
UPS	4/21/05 1000	[signature]

NOTES: Preservatives, special reporting limits, known contamination, additional testing parameters, etc.:

No Preservatives

TB 0412

PROJECT MANAGER: R. Rakoczynski EXT: 3308

DATA REPORT ☑ PDF (Adobe) ☐ ASCII ☐ EXCEL Specify State ______

LAB USE:
TEMP. OF COOLER 0.8 °C

TURNAROUND TIME: Standard Rush___ Days, Approved by:______

4/21/05 1000 TB

GZA FILE NO: 21.0056017 P.O. NO. ______

PROJECT Petter's Dry Cleaners UST Removal

LOCATION 316 Willow St, Lockport NY

COLLECTOR(S) C. Boron SHEET 1 OF 1

GZA GEOENVIRONMENTAL, INC.
ENGINEERS AND SCIENTISTS
106 South Street
Hopkinton, MA 01748
(508) 435-9244
FAX (508) 435-9912

GZAP003

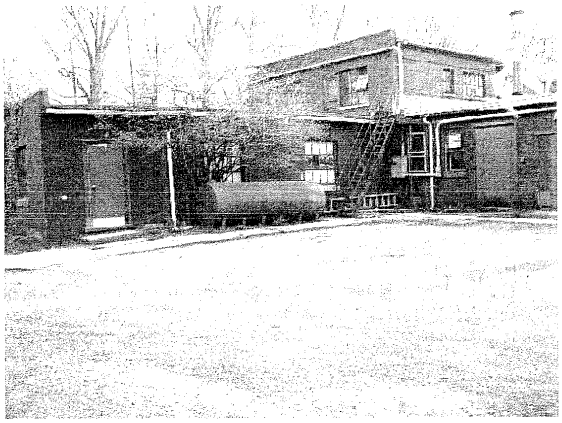
APPENDIX C

PHOTOGRAPHIC DOCUMENTATION

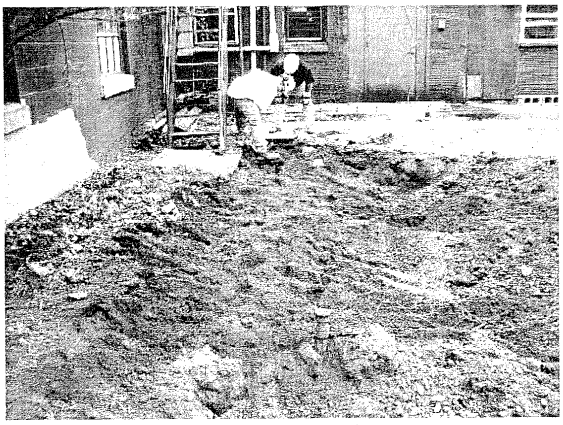
AST & UST Closure Report

Peter's Dry Cleaners
316 Willow Street
Lockport, New York

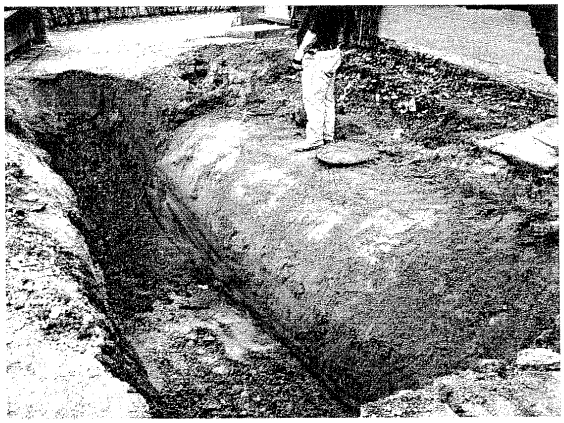
File No. 21.0056017.00



AST/UST area looking northeast

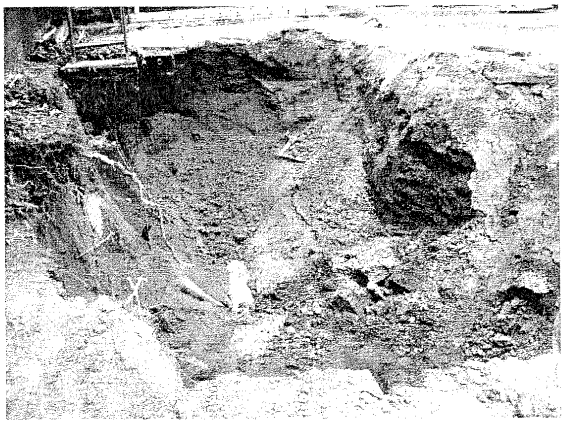


AST and ground surface above UST removed, looking east

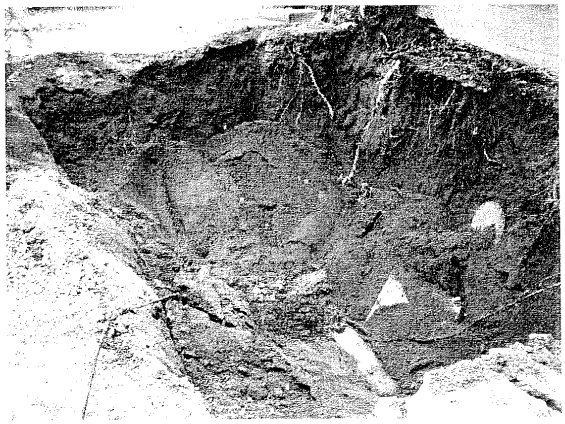


South side of UST exposed looking northwest

Removing UST from ground looking southeast



UST excavation looking southeast

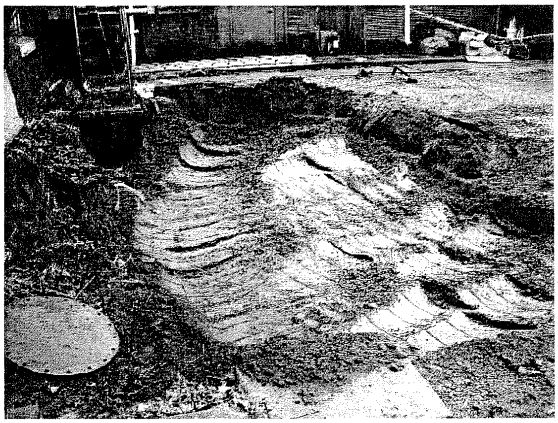


UST excavation looking northwest

AST & UST Closure Report

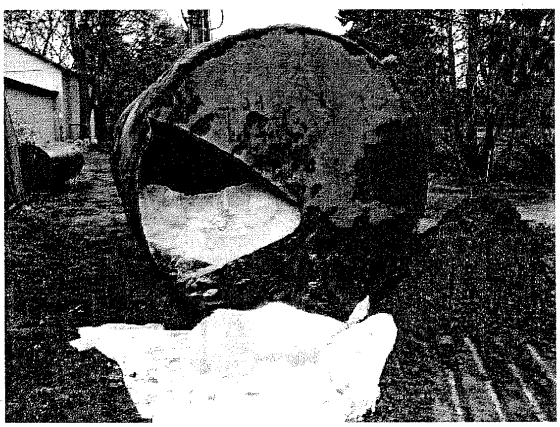
Peter's Dry Cleaners
316 Willow Street
Lockport, New York

File No. 21.0056017.00

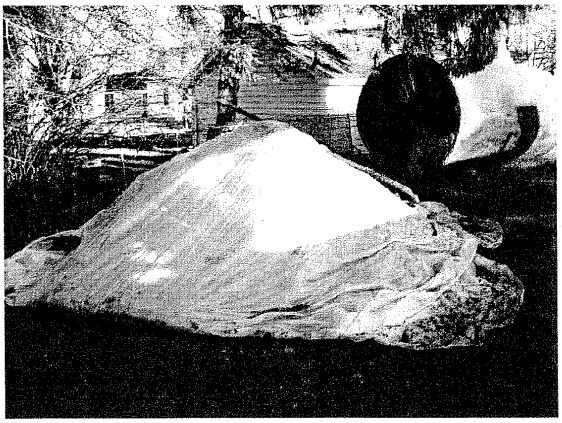


UST excavation backfilled looking east

#2 crushed stone used to finish grade of UST excavation looking east



Sand inside the UST to be disposed



Sand and soil stockpiled to be disposed