Phase II Environmental Investigation Report

2424 Hamburg Turnpike Site
Lackawanna, New York

January 2014 0298-014-001

Prepared For:

Franklin Asset Management, LLC

Prepared By:

TurnKey Environmental Restoration, LLC

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PHASE II ENVIRONMENTAL INVESTIGATION REPORT

2424 Hamburg Turnpike Site
Lackawanna, New York

January 2014 0298-014-001

Prepared for

Franklin Asset Management, LLC

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1.0 BACKGROUND AND SITE DESCRIPTION

TurnKey Environmental Restoration, LLC (TurnKey) performed a Phase II Environmental Site Investigation on behalf of Franklin Asset Management, LLC at 2424 Hamburg Turnpike, Lackawanna, New York (Site; see Figure 1). This investigation was performed to assess potential contamination discovered during utility upgrade activities along Hamburg Turnpike and the associated New York State Department of Environmental Conservation (NYSDEC) Spill file 1204435.

The Site is located in a historically heavy industrial, commercial and residential area of the City of Lackawanna, New York. The approximate 1.0 acre property was formerly utilized as an automobile filling and service station (Stop-N-Gas) since at least 1957. The Site is improved with a municipally-condemned former automobile service building, including four-bay repair area with eight (8) in-ground hydraulic lifts, and one (1) shed building of unknown contents. Two (2) concrete pads were also noted on the northern and southern portions of the Site (see Figure 2). The northern concrete pad may be related to former car wash.

1.1 Historical Information and Previous Investigations

NYSDEC Petroleum Bulk Storage records for the Site (Site ID No. 9-386383) indicate that three (3) 10,000 gallon underground storage tanks (USTs) were installed on-Site in 1957. PBS records indicate the USTs were closed/removed in 1994.

NYSDEC Spill Incident database indicates five (5) recorded spills associated with the Site, including:

- 9102471 (dated 6/1/1991) – Tank Failure (Diesel) which impacted groundwater. Spill was closed on 8/14/1992
- 9102643 (dated 6/5/1991) – Tank Failure (Gasoline) which impacted groundwater. Spill file was closed on 6/11/1991.
- 9204849 (dated 7/24/1992) – Waste Oil/Used oil spill of approximately 5 gallons. Spill fiel was closed on 7/30/1992.
- 9407600 (dated 9/2/1994) – Contaminated soil discovered during tank removal and free product noted in excavation. Detailed review of spill records provided below. Spill file was made inactive on 9/29/1995.

- 1204435 (dated 7/10/2012) – petroleum contamination discovered during roadside utility upgrades. Spill file is currently open.

1.1.1 NYSDEC Spill File - 9407600

The 9407600 spill record indicates that three (3) 10,000 gallon USTs were removed in 1994. During USTs excavation, petroleum-impacted soil and groundwater was discovered. The approximate location of the former USTs and excavation area is presented on Figure 2. Approximately 500 cubic yards of contaminated soil was excavated and stockpiled on-Site on both the south and north side of the existing building. The spill record indicates that confirmatory soil samples from the excavation exceeded the soil cleanup guidelines and that the contamination extended under the building.

The soil was bio-remediated on Site by the excavation contractor and returned to the excavation. Groundwater from the excavation was pumped into a temporary holding tank, treated through activated carbon and discharged to ground on-Site.

1.1.2 NYSDEC Spill File – 1204435

The 1204435 spill record indicates that petroleum contamination was discovered during utility upgrades being completed along Hamburg Turnpike. Specifically, petroleum odors were apparent in the telecommunications manhole located along the property boundary of the Site. Location of the manhole is presented on Figure 2. The spill record indicates that a geophysical survey was completed.

1.1.3 2013 Geophysical Survey Results

AMEC Environment and Infrastructure, Inc. (AMEC) completed a geophysical survey of the site on July 23, 2013. The AMEC report identifies four underground anomalies that suggest of potential fueling operation equipment, including appurtenant piping to the dispenser islands and/or USTs.

Copies of the NYSDEC PBS and Spill database records, the 9407600 and 1204435 spill records, and geophysical survey are provided electronically in Attachment 1.

2.0 METHODS OF INVESTIGATION

2.1 Subsurface Soil and Groundwater Investigation

On January 14, 2014, TurnKey personnel conducted a subsurface soil and groundwater investigation at the Site. The subsurface investigation included advancing ten (10) soil borings and the installation of three (3) temporary monitoring wells. Sample locations are presented on Figure 2.

2.1.1 Soil Borings

Ten (10) soil borings, identified as SB-1 through SB-10, were advanced across the Site to further assess the findings of the spill records and geophysical survey. Soil borings were advanced with a track-mounted direct-push drill rig equipped with an approximate 1.5-inch diameter, 48-inch long macro-core sampler. Soil samples were generally collected within each borehole continuously from the ground surface until approximately 14-16 feet below the ground surface (fbgs) (i.e., the target depth), or until equipment refusal was encountered. Any down-hole equipment was decontaminated between boreholes. Seven soil borings, SB-1 through SB-7 were advanced across the exterior portion of the Site, and three (3) soil borings, SB-8, SB-9, and SB-10 were advanced within the building adjacent to the in-ground hydraulic lifts.

The physical characteristics of all soil boring samples were classified using the Unified Soil Classification System (USCS). TurnKey personnel noted any visual and/or olfactory observations, and scanned soils for total volatile organic vapors with a field photoionization detector (PID) equipped with a 10.6 eV lamp. Boring logs are presented in Attachment 2.

2.1.2 Soil Sample Collection and Analysis

Six (6) soil samples, SB-4 though SB-9, were collected from the boring macro-cores using dedicated stainless steel sampling tools. Representative soil samples were placed in pre-cleaned sample bottles and submitted under chain-of-custody to Alpha Analytical, Inc. for analysis for Target Compound List (TCL) plus NYSDEC CP-51 volatile organic compounds (VOCs) and NYSDEC CP-51 semi-volatile organic compounds (SVOCs), via

Method 8260 and 8270, respectively. Soil analytical results are summarized on Table 1. Laboratory analytical data packages are provided electronically in Attachment 3.

2.1.3 Temporary Monitoring Wells

Following borehole advancement as described above, one-inch diameter temporary monitoring wells were installed within SB-4/TMW-1, SB-5/TMW-2, and SB-7/TMW-3. Well details are provided on the associated boring logs presented in Attachment 2. It should be noted that TWM-1 was not sampled due to the presence of approximately one-inch of floating product in the well

Groundwater samples were collected from TWM-2 and TWM-3 using dedicated disposable polyethylene bailers. The samples were transferred into laboratory-provided pre-preserved sample vials, cooled to 4 °C in the field, and transported to Alpha Analytical, Inc. under chain-of-custody for analysis of TCL plus NYSDEC CP-51 VOCs via USEPA Method 8260.

3.0 INVESTIGATION FINDINGS

A summary of the soil sample results from the soil boring are presented in Table 1. For comparison purposes, Table 1 soil analytical results are compared against NYSDEC CP-51 Soil Cleanup Levels (SCLs) for gasoline and fuel oil contaminated soils. Table 2 groundwater analytical results are compared to NYSDEC Division of Water Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (GWQS), Technical and Operational Guidance Series (TOGS) 1.1.1. Laboratory analytical data packages are included in Attachment 3.

3.1 Qualitative Soil Screening

Soil samples were screened via headspace for VOCs using a handheld PID. Elevated PID readings above background (i.e., 0.0 ppm) and petroleum odors were observed in seven (7) of the ten (10) boring, including SB-4 though SB-10, with the highest PID reading of 1,098 ppm being detected in SB-6. Approximately one-inch of floating product was noted in TMW-1, which is located north of the former UST excavation area (see Figure 2).

3.2 Site Geology

The subsurface soil/fill was typically characterized as non-native fill material varying in depth from 0-8 fbgs, overlying clay, peat and sand at varying depths to 16 fbgs. Groundwater was typically encountered at approximately 6 fbgs. Boring logs are included in Attachment 2.

3.3 Soil Analytical Results

Six (6) soil samples, SB-4 through SB-9, were analyzed for VOCs and SVOCs. As indicated in Table 1, elevated VOCs above CP-51 SCLs were detected in SB-4, SB-5, SB-6, SB-8 and SB-9. Elevated SVOCs above SCLs were detected in SB-4, SB-5, SB-6, and SB-8.

3.4 Groundwater Analytical Results

As noted above, approximately one-inch of floating product was noted in TMW-1, and therefore was not analyzed. TMW-2 and TMW-3 were analyzed for TCL plus CP-51 list VOCs. Analytical results are presented on Table 2. Elevated VOCs above GWQS were

detected on both TMW-2 and TMW-3, with total VOCs highest in TMW-2 at a concentration of 16,333 ug/L.

4.0 SUMMARY AND RECOMMENDATIONS

Based on the results of this soil and groundwater investigation, TurnKey offers the following conclusions and recommendations:

Summary

- Municipal records and previous investigations indicate the presence of former fuel system equipment and residual contamination present on-Site.
- Apparent petroleum contamination, including elevated PID readings and petroleum odors, was observed in SB-4 though SB-10 during fieldwork.
- Elevated concentrations of VOCs were detected above NYSDEC CP-51 in six of the seven soil sample locations.
- Elevated concentrations of SVOCs were detected above NYSDEC CP-51 in five of the seven soil boring locations.
- Floating product was detected in TMW-1, adjacent to the former excavation area.
- Elevated concentration of VOCs were detected above GWQS (i.e., up to 16,333 ug/L total VOCs) in both groundwater samples.

Recommendations

- Based on the findings of this report, additional investigation to delineate the extent of soil and groundwater impacts and Site remediation appears warranted. The existing in-ground hydraulic lifts should be removed in accordance with NYSDEC protocols and impacted soil should be properly handled. The disposition of the former fueling dispenser islands and appurtenant piping should be properly handled.
- The findings of this report should be provided to the NYSDEC for review and comment.
- TurnKey understands that the Site may be redeveloped with a new commercial facility. Consideration should be given to applying to the New York Brownfield Cleanup Program (BCP) prior to Site redevelopment.

5.0 LIMITATIONS

This report has been prepared for the exclusive use of Franklin Asset Management, LLC. The contents of this report are limited to information available at the time of the site investigation activities and to data referenced herein, and assume all referenced information sources to be true and accurate. The findings herein may be relied upon only at the discretion of Franklin Asset Management, LLC. Use of or reliance upon this report or its findings by any other person or entity is prohibited without written permission of TurnKey Environmental Restoration, LLC.

TABLES

TURNKEY ENVIRONMENTAL RESTORATION, LLC

TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS

2424 HAMBURG TURNPIKE SITE

LACKAWANNA, NEW YORK

PARAMETER[1]	CP-51 Contaminated Soils SCLs [2]	Restricted Residential Use SCOs [3]	Commercial Use SCOs [3]	Sample Location (Depth)					
				SB-4 (6-8')	SB-5 (6-8')	SB-6 (2-4')	SB-7 (2-4')	SB-8 (6-8')	SB-9 (6-8')
				01/14/2014					
Volatile Organic Compounds (VOCs) - mg/Kg [4]									
1,2,4-Trimethylbenzene	**3.6**	**52**	**190**	**180**	**74**	**14**	3.1	**110**	**49**
1,3,5-Trimethylbenzene	**8.4**	**52**	**190**	**21**	**21**	3.3	0.96	**35**	**10**
Benzene	**0.06**	**4.8**	**44**	**1 J**	**0.8**	**1.5**	**0.083**	**11**	**1.6**
Ethylbenzene	**1**	**41**	**390**	**14**	**14**	**5.7**	0.25	**39**	**8**
Isopropylbenzene (Cumene)	**2.3**	**--**	**--**	**9.9**	2.1	0.46	0.046 J	**3.2**	1.6
Methylcyclohexane	**--**	**--**	**--**	43	16	1.8	0.39	49	12
n-Butylbenzene	**12**	**100**	**500**	**26**	4.4	0.6	0.23	5.2	3.2
n-Propylbenzene	**3.9**	**100**	**500**	**48**	**11**	2.5	0.23	**18**	**8.2**
p-Isopropyltoluene	**10**	**--**	**--**	4.6	0.9	0.14	0.056 J	0.81	0.62
sec-Butylbenzene	**11**	**100**	**500**	8.2	1.3	0.22	0.06	1.5	0.98
Toluene	**0.7**	**100**	**500**	**2.3 J**	**8.3**	**16**	0.26	**2.2**	**1**
Total Xylenes	**0.26**	**100**	**500**	**12.6 J**	**79**	**29.3**	**1.88**	**16.36**	**16.87**
Semi-Volatile Organic Compounds (SVOCs) - mg/Kg [4]									
Acenaphthene	**20**	**100**	**500**	0.49	3.3	ND	ND	ND	0.083 J
Acenaphthylene	**100**	**100**	**500**	0.34	21	ND	0.1 J	ND	0.2
Anthracene	**100**	**100**	**500**	0.86	39	0.76 J	0.075 J	0.074 J	0.36
Benzo(a)anthracene	**1**	**1**	**5.6**	**1.1**	**71**	**1.6 J**	0.19	0.11 J	0.47
Benzo(a)pyrene	**1**	**1**	**1**	0.76	**63**	**1.6 J**	0.19	0.071 J	0.39
Benzo(b)fluoranthene	**1**	**1**	**5.6**	**1.2**	**79**	**2.3 J**	0.26	0.12 J	0.48
Benzo(ghi)perylene	**100**	**100**	**500**	0.47	38	1.6 J	0.13 J	0.06 J	0.25
Benzo(k)fluoranthene	**0.8**	**3.9**	**56**	0.38	**33**	**1 J**	0.096 J	0.051 J	0.21
Chrysene	**1**	**3.9**	**56**	**1.2**	**71**	**1.6 J**	0.18	0.16	0.46
Dibenzo(a,h)anthracene	**0.33**	**0.33**	**0.56**	0.12 J	**10**	ND	ND	ND	0.051 J
Fluoranthene	**100**	**100**	**500**	3.2	**140**	3.4	0.27	0.3	1
Fluorene	**30**	**100**	**500**	1.3	24	1.4 J	0.056 J	0.13 J	0.35
Indeno(1,2,3-cd)pyrene	**0.5**	**0.5**	**5.6**	**0.54**	**41**	**1.8 J**	0.14 J	0.06 J	0.25
Naphthalene	**12**	**100**	**500**	8	**50**	**48**	0.6	10	3.3
Phenanthrene	**100**	**100**	**500**	3.8	**130**	3.2	0.18	0.42	1.3
Pyrene	**100**	**100**	**500**	2.3	**110**	2.7	0.22	0.23	0.76

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC CP-51 Soil Cleanup Levels (SCLs).
3. Values per NYSDEC Part 375 Soil Cleanup Objectives (SCOs) (December 2006).
4. Sample results were reported by the laboratory in ug/kg and converted to mg/kg for comparisons to SCOs.

Definitions:

ND = Parameter not detected above laboratory detection limit.

"--" = No value available for the parameter. Or parameter not analysed for.

J = Estimated value; result is less than the sample quantitation limit but greater than zero.

Bold	= Exceeds CP-51 Table 2 & 3 SCLs
Bold	= Exceeds Restricted Residential Use SCOs
Bold	= Exceeds Commercial Use SCOs

TURNKEY ENVIRONMENTAL RESTORATION, LLC

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

2424 HAMBURG TURNPIKE SITE

LACKAWANNA, NEW YORK

PARAMETER[1]	NYS GWQS [2]	SAMPLE LOCATION	
		TMW-2	TMW-3
		01/14/2014	
Volatile Organic Compounds (VOCs) - ug/L			
1,2,4-Trimethylbenzene	**5**	**2000**	**85**
1,2-Dichloroethane (EDC)	**0.6**	ND	0.34 J
1,3,5-Trimethylbenzene	**5**	**490**	**22**
Acetone	**50**	**140 J**	15
Benzene	**1**	**520**	**6.3**
Carbon disulfide	**--**	ND	1.1 J
Cyclohexane	**--**	180 J	5.4 J
Ethylbenzene	**5**	**1500**	**8.6**
Isopropylbenzene (Cumene)	**5**	**56 J**	1.8 J
Methylcyclohexane	**--**	97 J	8.8 J
Naphthalene	**10**	**340**	9.2
n-Butylbenzene	**5**	ND	2 J
n-Propylbenzene	**5**	**210**	**6.7**
sec-Butylbenzene	**5**	ND	0.79 J
Toluene	**5**	**3000**	**12**
Total Xylenes	**5**	**7800**	**70**
Total VOCs	**--**	16333	255

Notes:

1. Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
2. Values per NYSDEC TOGS 1.1.1 Class GA Groundwater Quality Standards.
3. SB-4/TMW-1 was not sampled due to visible floating product.

Definitions:

ND = Parameter not detected above laboratory detection limit.

"--" = No value available for the parameter. Or parameter not analysed for.

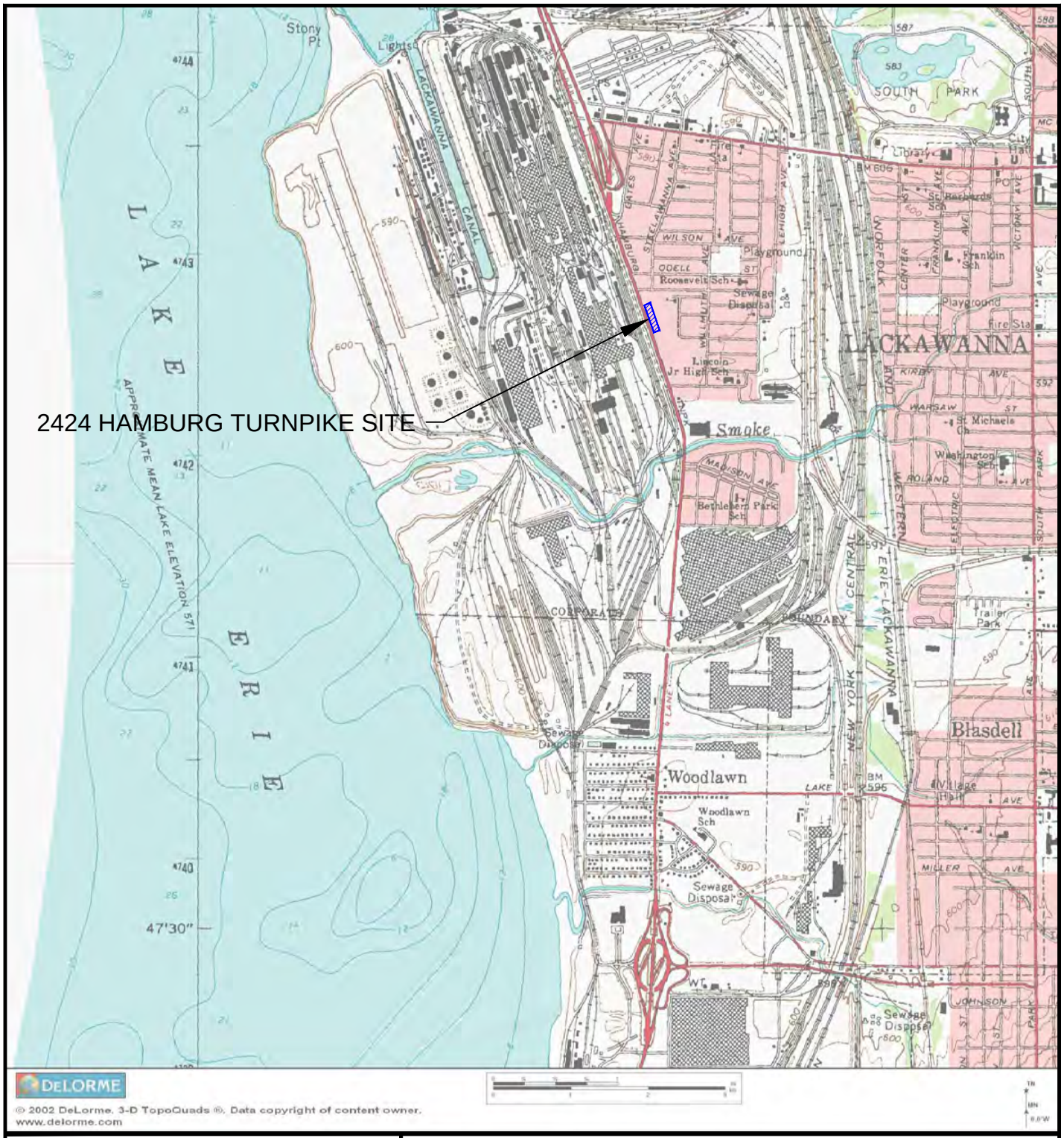
J = Estimated value; result is less than the sample quantitation limit but greater than zero.

Bold = Exceeds NYS GWQS

FIGURES

F:\CAD\TurnKey\Franklin Asset Management\2424 Hamburgh Turnpike\Phase II\Figure 1; Site Location and Vicinity Map.dwg

FIGURE 1



TurnKey Environmental Restoration, LLC

2558 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0635

SITE LOCATION & VICINITY MAP

PHASE II ENVIRONMENTAL INVESTIGATION REPORT

2424 HAMBURG TURNPIKE SITE

LACKAWANNA, NEW YORK

PREPARED FOR

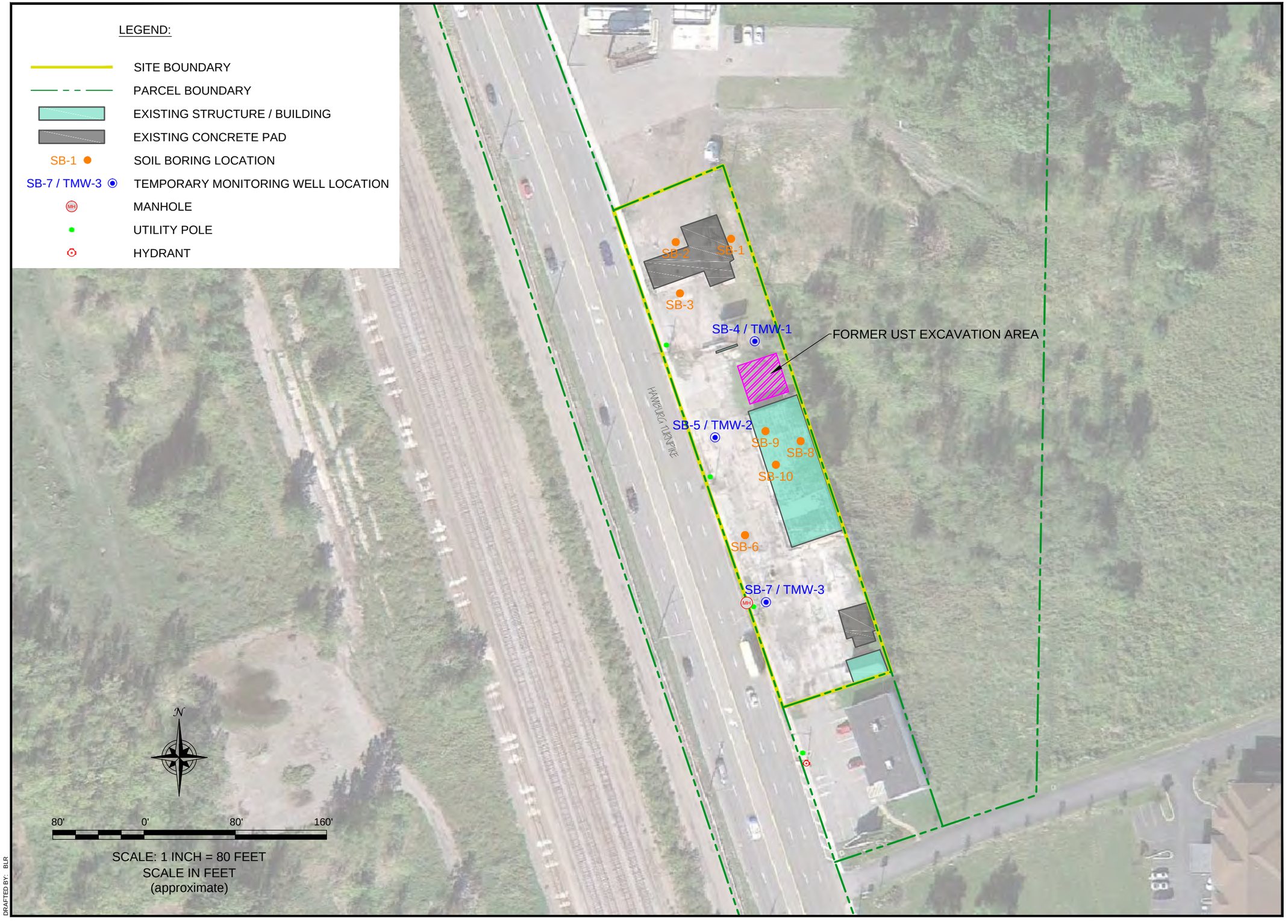
FRANKLIN ASSET MANAGEMENT, LLC

PROJECT NO.:	0298-014-001
DATE:	JANUARY 2014
DRAFTED BY:	BLR

F:\CAD\TurnKey\Franklin Asset Management\2424 Hamburgh Turnpike\Phase II\Figure 2; Site Plan.dwg

LEGEND:

- SITE BOUNDARY
- PARCEL BOUNDARY
- EXISTING STRUCTURE / BUILDING
- EXISTING CONCRETE PAD
- SB-1 SOIL BORING LOCATION
- SB-7 / TMW-3 TEMPORARY MONITORING WELL LOCATION
- MANHOLE
- UTILITY POLE
- HYDRANT



SCALE: 1 INCH = 80 FEET
SCALE IN FEET
(approximate)

DATE: JANUARY 2014
DRAFTED BY: BLR

2556 HAMBURG TURNPIKE
SUITE 300
BUFFALO, NY 14218
(716) 856-0635

TURNKEY ENVIRONMENTAL RESTORATION, LLC

JOB NO.: 0298-014-001

SITE PLAN

PHASE II ENVIRONMENTAL INVESTIGATION REPORT
2424 HAMBURG TURNPIKE SITE
LACKAWANNA, NEW YORK
PREPARED FOR
FRANKLIN ASSET MANAGEMENT, LLC

FIGURE 2

ATTACHMENT 1

NYSDEC RECORDS AND PREVIOUS INVESTIGATIONS

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Bulk Storage Database Search Details

First Site | Previous Site | Next Site | Last Site

Facility Information

Site No.: 9-386383
Status: Unregulated
Expiration Date: 08/17/1992
Site Type: PBS
Site Name: STOP N GAS
Address: 2424 HAMBURG TURNPIKE
Locality: LACKAWANNA
State: NY
Zipcode: 14218
County: ERIE

Owner(s) Information

Facility Owner: SAM SIEGEL-LEASED TO SADO GAS
47 FAIRWAYS BLVD . WILLIAMSVILLE , NY. 14221
Mail Contact: SAM SIEGEL-LEASED TO SADO GAS
47 FAIRWAYS BLVD . WILLIAMSVILLE , NY. 14221

Tank Information

3 Tanks Found

Tank No	Tank Location	Status	Capacity (Gal.)
1	Underground	Closed - Removed	10000
2	Underground	Closed - Removed	10000
3	Underground	Closed - Removed	10000

Back to Search Results

Refine Current Search

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Bulk Storage Database Search Details

Tank Information

Next Tank Last Tank

Site No: 9-386383
Site Name: STOP N GAS
Tank No: 1
Tank Location: Underground
Tank Status: Closed - Removed
Tank Install Date: 01/01/1957
Tank Closed Date: 09/01/1994
Tank Capacity: 10000 gal.
Product Stored: Gasoline
Percentage: 100%
Tank Type: 01 - Steel/Carbon Steel/Iron
Tank Internal Protection: None
Tank External Protection: Painted/Asphalt Coating
Tank Secondary Containment: None
Tank Leak Detection: Groundwater Well
Overfill: None
Spill Prevention: None
Dispenser: Pressurized Dispenser
Pipe Location: Underground/On-ground
Pipe Type: Fiberglass Reinforced Plastic (FRP)
Pipe External Protection: Fiberglass
Piping Secondary Containment: None
Piping Leak Detection: None
Tank Next Test Due:
Tank Last Test: 11/01/1987
Tank Test Method: Horner EZ Check I or II

Refine Current Search

Back to Facility Info

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Bulk Storage Database Search Details

Tank Information

First Tank | Previous Tank | Next Tank | Last Tank

Site No: 9-386383
Site Name: STOP N GAS
Tank No: 2
Tank Location: Underground
Tank Status: Closed - Removed
Tank Install Date: 01/01/1957
Tank Closed Date: 09/01/1994
Tank Capacity: 10000 gal.
Product Stored: Gasoline
Percentage: 100%
Tank Type: 01 - Steel/Carbon Steel/Iron
Tank Internal Protection: None
Tank External Protection: Painted/Asphalt Coating
Tank Secondary Containment: None
Tank Leak Detection: Groundwater Well
Overfill: None
Spill Prevention: None
Dispenser: Pressurized Dispenser
Pipe Location: Underground/On-ground
Pipe Type: Fiberglass Reinforced Plastic (FRP)
Pipe External Protection: Fiberglass
Pipe External Protection: Retrofitted Impressed Current
Piping Secondary Containment: None
Piping Leak Detection: None
Tank Next Test Due:
Tank Last Test: 11/01/1987
Tank Test Method: Horner EZ Check I or II

Refine Current Search

Back to Facility Info

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Bulk Storage Database Search Details

Tank Information

First Tank Previous Tank

Site No: 9-386383
Site Name: STOP N GAS
Tank No: 3
Tank Location: Underground
Tank Status: Closed - Removed
Tank Install Date: 01/01/1957
Tank Closed Date: 09/01/1994
Tank Capacity: 10000 gal.
Product Stored: Diesel
Percentage: 100%
Tank Type: 01 - Steel/Carbon Steel/Iron
Tank Internal Protection: None
Tank External Protection: Painted/Asphalt Coating
Tank Secondary Containment: None
Tank Leak Detection: None
Overfill: None
Spill Prevention: None
Dispenser: Suction Dispenser
Pipe Location: Underground/On-ground
Pipe Type: Fiberglass Reinforced Plastic (FRP)
Pipe External Protection: Fiberglass
Piping Secondary Containment: None
Piping Leak Detection: None
Tank Next Test Due:
Tank Last Test: 11/01/1987
Tank Test Method: Horner EZ Check I or II

Refine Current Search

Back to Facility Info

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Spill Incidents Database Search Results

Record Count: 5 Rows: 1 to 5

Export XLS | Export CSV

	Spill Number	Date Spill Reported	Spill Name	County	City/Town	Address
1.	9102471	06/01/1991	SAMUEL SIEGEL	ERIE	LACKAWANNA	2424 HAMBURG TURNPIKE
2.	9102643	06/05/1991	ODOR AT 2424 HAMBURG	ERIE	LACKAWANNA	2424 HAMBURG TURNPIKE
3.	9204849	07/24/1992	TURNPIKE AUTO REPAIR	ERIE	LACKAWANNA	2424 HAMBURG TURNPIKE - 5
4.	9407600	09/02/1994	STOP & GAS - SEIGEL	ERIE	LACKAWANNA	2424 HAMBURG TURNPIKE
5.	1204435	07/17/2012	NYSDOT ROAD WORK	ERIE	LACKAWANNA	2424 HAMBURG TURNPIKE

Refine Current Search

NYSDEC SPILL REPORT FORM

DEC REGION: 9 **SPILL NUMBER:** 1204435

SPILL NAME: NYSDOT ROAD WORK **DEC LEAD:** FXGALLEG

CALLER NAME: GREGORY KHARLIP **NOTIFIER'S NAME:**

CLR'S AGENCY: NYSDOT **NOTIFIER'S AGENCY:**

CALLER'S PHONE: (716) 796-8963 **NOTIFIER'S PHONE:**

SPILL DATE: 07/10/2012 **SPILL TIME:** 10:00 am **DISPATCHER:**

CALL RECEIVED DATE: 07/17/2012 **RECEIVED TIME:** 11:00 am

SPILL LOCATION

PLACE: NYSDOT ROAD WORK **COUNTY:** Erie

STREET: 2424 HAMBURG TURNPIKE **TOWN/CITY:** Lackawanna (c)

COMMUNITY: LACKAWANNA

CONTACT: **CONTACT PHONE:**

CONT. FACTOR: Other **SPILL REPORTED BY:** Other

FACILITY TYPE: Gasoline Station **WATERBODY:**

CALLER REMARKS:

While NYSDOT was installing the fiber optic line in front of 2424 Hamburg Turnpike, discovered petroleum contamination.

MATERIAL	CLASS	SPILLED	RECOVERED	RESOURCES AFFECTED
Gasoline	Petroleum	0.00 G	0.00 G	Soil,

POTENTIAL SPILLERS

COMPANY	ADDRESS	CONTACT

Tank No.	Tank Size	Material	Cause	Source	Test Method	Leak Rate	Gross Failure

DEC REMARKS:

8/3/12 ACCORDING TO THE CITY OF LACKAWANNA REAL PROPERTY OFFICE, THE CURRENT OWNER OF THE PROPERTY IS SAMUEL SIEGEL, ATTN: DAVID SIEGEL, 300 MAIN ST, BUFFALO NY 14202.
FG SENT A ROE LETTER REQUESTING A RESPONSE BY 8/27/12.

8/6/12 DAVID SIEGEL CALLED IN RESPONSE TO THE LETTER. HE SAID WORK WAS DONE IN 1994 AND HE BELIEVED THE CLEANUP WAS COMPLETE. FG TOLD MR. SIEGEL THAT THERE MAY BE ANOTHER SOURCE ON THE PROPERTY AND IT NEEDS TO BE INVESTIGATED. MR. SIEGEL SAID THAT THE ESTATE HAS NO MONEY. FG TOLD HIM THAT THE STATE COULD DO THE WORK BUT THERE WOULD BE A CHARGE BACK TO THE RESPONSIBLE PARTY. HE WILL GET BACK TO THE DEPARTMENT WITH A DECISION ON HOW HE WISHES TO PROCEED.

2/14/13 FG SPOKE TO DAVID SIEGEL. HE WILL PROVIDE A RESPONSE TO THE DEPARTMENT WITHIN THE NEXT WEEK IF HE WILL COMPLETE THE WORK OR ALLOW NYSDEC TO COMPLETE T HE WORK ON SITE.

NYSDEC SPILL REPORT FORM

DEC REGION: 9 **SPILL NUMBER:** 1204435

SPILL NAME: NYSDOT ROAD WORK **DEC LEAD:** FXGALLEG

2/26/13 FG SPOKE TO DAVID SIEGEL. HE SAID HE SPOKE TO A CONTRACTOR WHO TOLD HIM TO CALL BACK WHEN THERE IS NO SNOW. MR. SIEGEL SAID HE WOULD CALL THE CONTRACTOR TODAY OR TOMORROW AND GET BACK TO ME.

4/17/13 DAVID SIEGEL SENT A LETTER STATING THAT HE SENT NATURES WAY ALL OF THE INFORMATION AND IS WAITING TO HEAR BACK FROM THEM.

5/14/13 FG LEFT A MESSAGE FOR DAVID SIEGEL FOR A STATUS UPDATE. 854-1300

8/23/13 FG LEFT A MESSAGE FOR DAVID SIEGEL FOR A STATUS UPDATE. 854-1300

FG SPOKE TO NICOLE SAVAGE WITH NATURES WAY WHO SAID THAT THE GEOPHYSICAL WAS COMPLETED AND THERE APPEARS TO BE SOME PIPING REMAINING AND POSSIBLE USTS. SHE WILL SPEAK TO DAVID SIEGEL AND GET ME THE RESULTS AND A WORKPLAN.

11/7/13 DAVID SIEGEL CALLED WITH AN UPDATE. HE SAID THAT THE BUIDLING IS TO BE DEMOLISHED. HE WILL BE IN COURT NEXT WEEK ON THE MATTER. HE SAID THAT HE WILL NOTIFY NATURES WAY THAT THEY CAN GIVE US A COPY OF THE GEOPHYSICAL SURVEY THAT WAS COMPLETED ON THE SITE.

PIN **T & A** **COST CENTER**

CLASS: C3 **CLOSE DATE:** **MEETS STANDARDS:** False

NYSDEC INITIAL SPILL RESPONSE FORM

REGION ____ INCOMING LINE: 518 / 800 SPILL NUMBER 9407600

SPILL NAME 2424 Hamburg Turnpike RESPONDER ____

CALLER'S NAME: ____ NOTIFIER'S NAME: John OTTO

CALLER'S AGENCY: ____ NOTIFIER'S AGENCY: DEC

CALLER'S PHONE: ( ) ____ NOTIFIER'S PHONE: ( ) ____

SPILL DATE: 9/2/94 TIME: 1130 hrs. ANS SVC DATE: __/__/__ TIME: ____ hrs.

CENT OFF DATE: 9/7/94 TIME: 1308 hrs. FIRST CALL: A, (B) C ANS SVC OPER ____

REG OFF DATE: 9/2/94 TIME: 1130 hrs. SARA Title III/CERCLA Notification Y / N

PETROLEUM SPILLED

1 - Gasoline 4 - #6 Fuel 7 - Waste Oil 10 - Kerosene
2 - #2 Fuel (5 - Diesel) 8 - Non-PCB Oil 11 - Unknown
3 - #4 Fuel 6 - Jet Fuel 9 - PCB Oil

MATERIAL CLASS

(1 - Petroleum) 3 - Hazardous Material 5 - Unknown
2 - Non-Petro/Non-Haz 4 - Raw Sewage

QUANTITY: ____ gals/lbs Amount Recovered ____

Other Material Spilled ____

SPILL LOCATION

PLACE: STOP-N-GAS

STREET: 2424 HAMBURG TURNPIKE

T/C/N LACKAWANNA CO: ERIE

CONTACT: ____

PHONE: ( ) ____

SPILLER (If Different)

NAME: HERB SIEGEL

STREET: 300 MAIN ST.

CITY/ST/ZIP: BFlo.

CONTACT: ____

PHONE: ( ) ____

OTHER INFO: ____

SPILL CAUSE

1 - Human Error 5 - Tank Test Failure (6 - Tank Failure)
2 - Traffic Accident 6 - Housekeeping 10 - Tank Overfill
3 - Equipment Failure 7 - Deliberate 11 - Other
4 - Vandalism 8 - Abandoned Drums 12 - Unknown

SPILL SOURCE

1 - Comm/Indust (5 - Gas Station) 9 - Private Dwelling
2 - Non-Comm/Inst 6 - Passenger Vehicle 10 - Vessel
3 - Major Facility 400,000 gal 7 - Comm Vehicle 11 - Railroad Car
4 - Non-Maj Facility 1,100 gal 8 - Tank Truck 12 - Unknown

RESOURCE AFFECTED

1 - On Land (3 - Groundwater) 5 - Air
2 - In Sewer 4 - Surface Water

Waterbody ____

Drainage Basin/Sub-Basin ____

DEC NOTIFIED BY:

1 - Responsible Party 5 - Tank Tester 9 - Local Agency b. Tank Contractor
2 - Affected Persons (6 - DEC) 10 - Federal Gov't c. Clean-up Contractor
3 - Police Department 7 - Citizen 11 - Other d. Envir. Consultant
4 - Fire Department 8 - Health Dept. a. Fuel Supplier e. ____

REMARKS: REMOVING TANKS, DISCOVERED CONTAMINATED SOIL & FREE PRODUCT IN EXCAVATION.

CONTRACTOR - NATURE'S WAY

PIN #	T&A	Cost Center	
Status: Active / Closed	Env. Complete / /	ISR to Central Office / /	
Non-PIN Closed / /	Last Inspection / /	Penalty Y / N	Inspector FQ

Tank Test Failure Y / N Tank Size ____ Gal. Test Method ____ System/Tank/Line

Leak Rate ____ GPH PBS # 9 ____ Tank I.D.#'s ____ Manifold Y / N

Cleaner: 1 - State 2 - Spiller 3 - Local 4 - No Action	History / / :
UST Trust Eligible Y / N	Site: A B C D E Resp. Party 1 2 3 4 5 6

Regional Contact ____ Central Duty Ofcr ____ EDO: Y/N ____ DATA INPUT [ ]

Revised 08/14/92

Logged 9-6-94 #353

COPY

NYSDEC INITIAL SPILL RESPONSE FORM

REGION ____ INCOMING LINE: 5[redacted]00 SPILL NUMBER [redacted]

SPILL NAME _____ RESPONDER _____

CALLER'S NAME: _____ NOTIFIER'S NAME: John OTTO

CALLER'S AGENCY: _____ NOTIFIER'S AGENCY: DEC

CALLER'S PHONE: ( ) _____ NOTIFIER'S PHONE: ( ) _____

SPILL DATE: 9/2/94 TIME: 1130 hrs. ANS SVC DATE: ___/___/___ TIME: _____ hrs.

CENT OFF DATE: ___/___/___ TIME: _____ hrs. FIRST CALL: A, (R) C ANS SVC OPER _____

REG OFF DATE: 9/2/94 TIME: 1130 hrs. SARA Title III/CERCLA Notification Y / N

PETROLEUM SPILLED

(1 - Gasoline) 2 - #2 Fuel 3 - #4 Fuel 4 - #6 Fuel (5 - Diesel) 6 - Jet Fuel 7 - Waste Oil 8 - Non-PCB Oil 9 - PCB Oil 10 - Kerosene 11 - Unknown

MATERIAL CLASS

(1 - Petroleum) 2 - Non-Petro/Non-Haz 3 - Hazardous Material 4 - Raw Sewage 5 - Unknown

QUANTITY: _____ gals/lbs Amount Recovered _____

Other Material Spilled _____

SPILL LOCATION

PLACE: STOP-N-GAS

STREET: 2424 HAMBURG TURNPIKE

T/C/V LACKAWANNA CO: ERIE

CONTACT: _____

PHONE: ( ) _____

SPILLER (If Different)

NAME: HERB SIEGEL

STREET: 300 MAIN ST. 426 Franklin

CITY/ST/ZIP: Bflo. NY Bflo, NY 14202

CONTACT: _____

PHONE: ( ) 881-5800

OTHER INFO: _____

SPILL CAUSE

1 - Human Error 2 - Traffic Accident 3 - Equipment Failure 4 - Vandalism 5 - Tank Test Failure 6 - Housekeeping 7 - Deliberate 8 - Abandoned Drums (9 - Tank Failure) 10 - Tank Overfill 11 - Other 12 - Unknown

SPILL SOURCE

1 - Comm/Indust (5 - Gas Station) 2 - Non-Comm/Inst 3 - Major Facility 400,000 gal 4 - Non-Maj Facility 1,100 gal 6 - Passenger Vehicle 7 - Comm Vehicle 8 - Tank Truck 9 - Private Dwelling 10 - Vessel 11 - Railroad Car 12 - Unknown

RESOURCE AFFECTED

1 - On Land 2 - In Sewer (3 - Groundwater) 4 - Surface Water 5 - Air

Waterbody _____

Drainage Basin/Sub-Basin _____

DEC NOTIFIED BY:

1 - Responsible Party 2 - Affected Persons 3 - Police Department 4 - Fire Department 5 - Tank Tester (6 - DEC) 7 - Citizen 8 - Health Dept. 9 - Local Agency 10 - Federal Gov't 11 - Other a. Fuel Supplier b. Tank Contractor c. Clean-up Contractor d. Envir. Consultant e. _____

REMARKS: REMOVING TANKS DISCOVERED CONTAMINATED SOIL + FREE PRODUCT IN EXCAVATION.

CONTRACTOR - NATURE'S WAY

PIN #	T&A	Cost Center	
Status: Active / Closed	Env. Complete / /	ISR to Central Office / /	
Non-PIN Closed / /	Last Inspection / /	Penalty Y / N	Inspector FA

Tank Test Failure Y / N Tank Size _____ Gal. Test Method _____ System/Tank/Line

Leak Rate _____ GPH PBS # 9 Tank I.D.#'s _____ Manifold Y / N

Cleaner: 1 - State 2 - Spiller 3 - Local 4 - No Action	History / / :
UST Trust Eligible Y / N	Site: A B C D E Resp. Party 1 2 3 4 5 6

Regional Contact _____ Central Duty Ofcr _____ EDO: Y/N _____ DATA INPUT [ ]

Revised 08/14/92

NYS DEC Region 9

History Records For Spill Number 9407600

09/21/95

DATE HISTORY

08/28/95 SOIL PILE RESULTS SHOW LEVELS BELOW STARS. UST EXCAV RESULTS SHOW LEVELS EXCEED STARS ONLY SLIGHTLY. SITE CAN BE MA DE INACTIVE.

07/26/95 FG SITE VISIT 7/26/95. MET NATURE'S WAY REP ON SITE. CHECKED SOIL FOR PETRO ODOR-NONE FOUND IN 4 LOCATIONS. NATURE' S WAY COLLECTED SAMPLE ON 7/25/95.

05/03/95 FG SITE VISIT 5/3/95. NATURE'S WAY SPRAYING NUTRIENTS ON SOIL.

04/11/95 SITE SCHEDULE SUBMITTED. NATURE'S WAY TO CALL THIS OFFICE WHENEVER THEY WORK ON SITE.

03/16/95 LTR SENT REQUESTING SCHEDULE OF ACTIVITIES FOR SITE. RESPONSE DUE BY 3/31/95.

12/22/94 FG SITE VISIT 12/15/94. MET R. SAVAGE ON SITE. BERMS HAD BEEN SET UP ADEQUATELY. 4 DRUMS OF SLUDGE FROM UST'S HAVE TO BE DISPOSED OF. TOLD MR. SAVAGE COVER ON SOILS NECESSARY. HEAGREED.

12/08/94 FG RESPONDED TO LTR FROM R. SAVAGE12/7/94. MUST COVER SOILS & COLLECT & TREAT RUNOFF WATERS. DEC WAS NOT NOTIFIED O F EXCAV BEHIND BLDGS.

12/07/94 J. BALCARCZYK W/LACKA COMPLAINED-CONTRACTOR NEVER APPLIED FOR PERMIT TO REMOVE TANKS. CITIZENS HAVE BEEN COMPLAININ G ABOUT SOIL AT SITE. WANTS TO HAVE SOIL REMOVED FROM SITE.

11/17/94 FG SITE VISIT 11/16/94. SOIL PILES REMAIN UNTOUCHED. COVER IS OFF.

09/08/94 FG SPOKE TO R. SAVAGE W/NATURE'S WAY 9/8/94. TOLD HIM TO SAMPLE & ANALYZE WATER IN TEST PIT. HE SAID OWNER DECIDING ON REMEDIATION OPTIONS.

09/08/94 FG MF SITE VISIT 9/7/94. 2ND TANK REMOVED 3RD TANK UNCOVERED. TEST PITS WERE DUG. WATER IN ONE HAD A PETROLEUM ODOR & A SHEEN.

09/07/94 9/6/94 TREATMENT LTR SENT TO RP H. SIEGEL. REQUIRE RESPONSE BY 9/21/94.

09/07/94 FG SITE VISIT 9/7/94. MET NATURE'S WAY & REP OF THE OWNER ON SITE. CONTAM EXTENDS UNDER BLDG, TOWARD ST & POSSIBLY BEHIND BLDG. REMED OPTIONS TO BE CONSIDERED AFTER UST'S REMOVED.

09/06/94 FG SPOKE TO R. SAVAGE-NATURE'S WAY 9/2/94. GROUNDWATER COLLECTED TO BE SAMPLED PRIOR TO DISCHARGE. WATERS HELD IN T ANK ON SITE. WATERS TO BE TREATED THROUGH CARBON.

09/06/94 FG SITE VISIT 9/2/94. CONTAMINATED SOIL REMOVED & STOCKPILED ON SITE. PRODUCT FOUND IN THE EXCAVATION. CONTACTED H. SIEGEL,OWNER, TOLD HIM NYSDEC REQUIREMENTS. ONE TANK REMOVED-NO HOLES.

NEW YORK STATE DEC

APPLICATION FOR ACCESS TO RECORDS

(See Instructions on Reverse Side)

APPLICANT

- TO THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION:
I hereby apply to inspect the following records under the provisions of the Freedom of Information Law:

Spill File #9407600

After inspection, should I desire copies of all or part of the records inspected, I will identify the records to be copied and hereby offer to promptly pay the established fees. (Cost of reproduction or 25¢ per page as applicable). Contact me if cost will exceed $ _____.

Name (Print or type) Don Allen Telephone No. 800-352-0050

Attention of: _____

Mailing Address 3530 Post Rd Southport, CT

Signature _____ Date 10-26-99

RECORDS CUSTODIAN

- TO THE APPLICANT:

—Records Provided

☐ The reproduction costs for the records provided are $ _____

☐ Records have been (partially, fully) provided. (If not fully provided, date when records are expected to be fully provided: _____)

—Records Not Available

☐ Records cannot be found after diligent search

☐ The Department is not the custodian for records indicated

—Records Denied

I hereby certify that access to the records—or part of the records—circled above has been denied to the applicant for the reason(s) checked below:

☐ Specifically exempt by other statute

☐ Unwarranted invasion of personal privacy

☐ Would impair present or imminent contract awards or collective bargaining negotations

☐ Are examination questions or answers

☐ Are inter-agency or intra-agency materials that are not:
- statistical or factual tabulations or data
- instructions to staff that affect the public
- final agency policy or determinations; or
- external audits, including but not limited to audits performed by the comptroller and the federal government

☐ Would endanger the life or safety of any person

☐ Are compiled for law enforcement purposes and which, if disclosed would:
- interfere with law enforcement investigations or judicial proceedings
- deprive a person of the right to a fair trial or impartial adjudication
- identify a confidential source or disclose confidential information relating to a criminal investigation, or
- reveal criminal investigative techniques or procedures, except routine techniques and procedures

☐ Are computer access codes

☐ Are trade secrets

Identification of records withheld (attach listing if additional space is required) and/or explanation if appropriate:

Records Custodian Signature Kathy Brennan Title Program Aide Date 11/12/99

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

(1)

October 08, 1995

Rm 1
FG -

Mr. Robert Leary, P.E.
NYSDEC, Region 9
270 Michigan Ave.
Buffalo, New York 14203-2999

Re: RELOCATION/REUSE AS CLEAN FILL OF REMEDIATED (BIOTREATED) SOILS FROM SIEGEL PROPERTY, 2424 HAMBURG TURNPIKE (RT 5), LACKAWANNA, N.Y. TO PETRO USA PROPERTY, 19TH & WALNUT ST., NIAGARA FALLS, N.Y.

9407600

Dear Bob,

As per our conversation, this letter is to document the above described reuse of remediated soils as clean fill, as agreed in our telecon. These soils, as you are aware, have been fully tested according to NYSDEC Stars Memo #1 guidelines, and have been demonstrated to meet all applicable cleanliness standards, and all data has been submitted to and reviewed and approved by your Department. We appreciate your cooperation in helping us to efficiently reuse the subject soils. Please call if you should have any questions or comments.

Sincerely,

Russel J. Savage, Oper. Mgr.
NWEC&C Inc.

New York State Department of Environmental Conservation
270 Michigan Avenue, Buffalo, New York 14203-2999
(716) 851-7220

file

Michael D. Zagata
Commissioner

September 29, 1995

Mr. Herbert Siegel, Esq.
Siegel, Kelleher and Kahn
426 Franklin
Buffalo, New York 14202

Dear Mr. Siegel:

Spill Number 9407600
2424 Hamburg Turnpike
Lackawanna, Erie County

We have reviewed the analytical results for the excavation. The results exceed our soil guidance values. However, since the results were low levels, we will not require any further work at this time. The site will have a status of "inactive".

Your cooperation is appreciated. If you have any questions, please contact me at (716)851-7220.

Sincerely,

Francine Gallego
Environmental Engineer I

FG:ma

cc: Mr. David Siegel, Esq.

9/7/94 2424 Hamburg Tpke

Contamination under bldg.

[redacted] Number _____

Date _____

SPILL CONTINUATION SHEET 2424 Hamburg Tpke

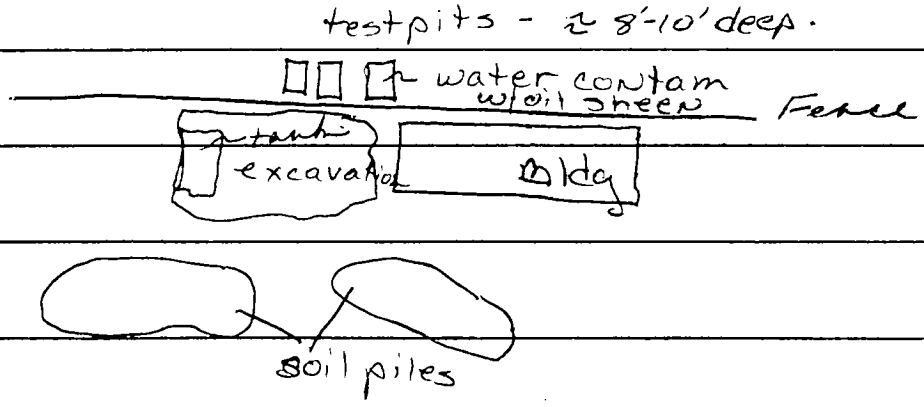
Date	Comments
9/7/94	FD met R. Savage (Nature's Way) and Hank (representative of Herb Siegel - Owner) on site. Contamin extends under bldg, onto back property and further towards street. All tanks to be removed today - 1 more gas and 1 diesel. Contaminated soil to be stockpiled. Test pits to be dug to determine extent of contam. Decisions on further remed. to be made after tanks removed.

Spill Number _____

Date _____

SPILL CONTINUATION SHEET 2424 Hamburg Tpke.

Date	Comments
9/7/94	EQ MF site visit. One additional tank was removed and the other one was uncovered. Waters from the excavation were being stored in one tank. The waters are to be treated using carbon and then sampled prior to discharging. Test pits on the other side of the fence were dug. One test pit had an oily water in it. The other two had no water.



9/8/94	EQ spoke to Russ Savage. Told him to sample waters. He said owners deciding on remediation options for the property.

nber 9407600

2424 Hamburg
Tphe

Date

9/7/94

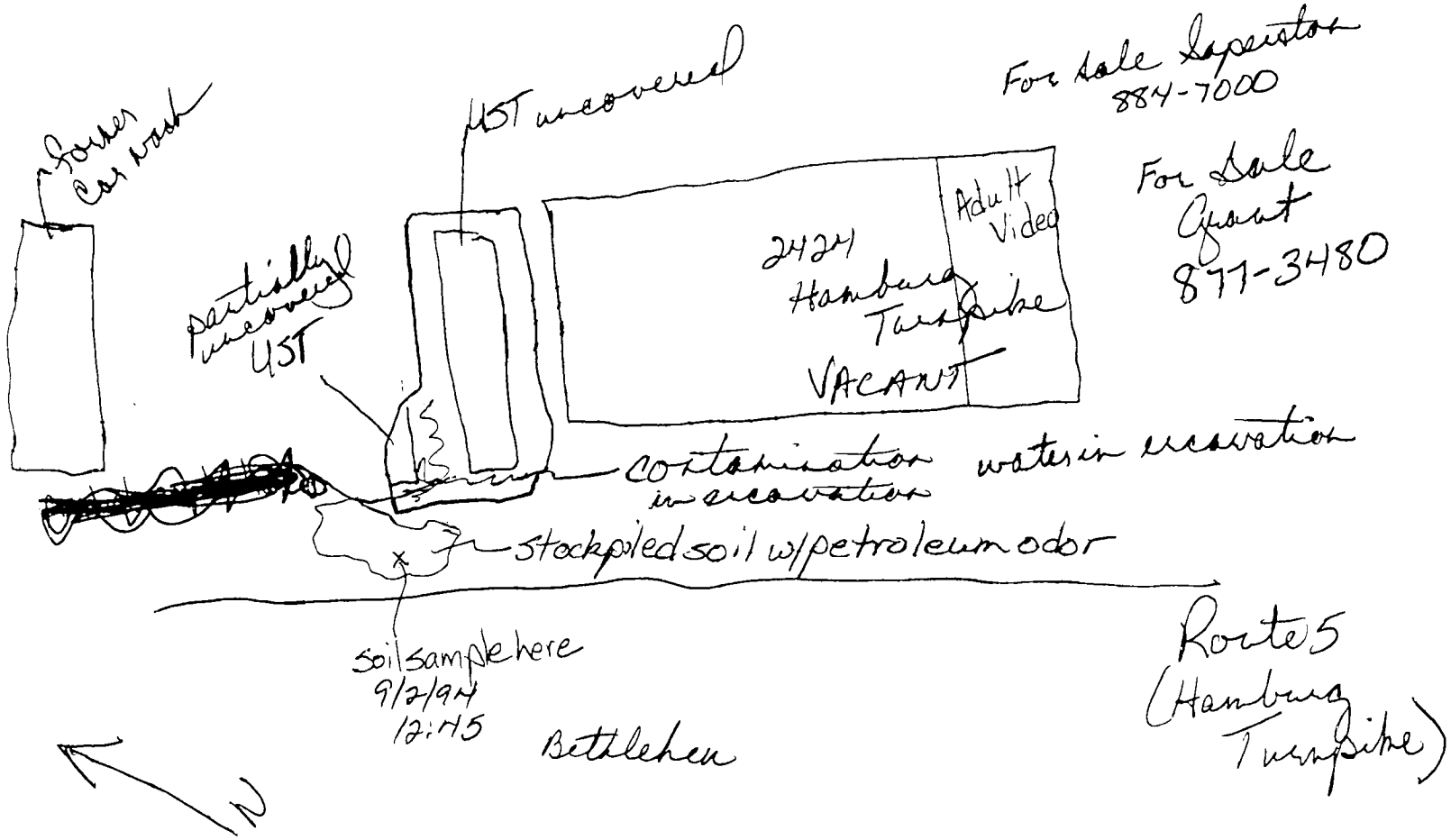

9 7'94

Spill Number _____

2424 Hamburg Tpke Date _____

SPILL CONTINUATION SHEET

Date	Comments
9/2/94	FG site visit. Contamination is soil which was removed from excavation. Product in excavation. Gas UST tank uncovered. Other gas UST partially uncovered. Diesel to be removed also.
9/2/94	FG called Herb Siegel 881-5800. Told him NYSDEC requirements. Told him NYSDEC to send ltr.
9/2/94	FG spoke to Russ Savage. He is to sample collected gw's prior to discharge. Excavation not to occur before 9/6. Told him he must contact NYSDEC before samples taken in ejcav.


Jones Car Wash
partially uncovered UST
UST uncovered
For Sale Separator 884-7000
Adult Video
2424 Hamburg Turnpike
VACANT
For Sale Grant 877-3480
contamination in excavation
water in excavation
stockpiled soil w/petroleum odor
soil sample here 9/2/94 12:15
Bethlehem
Route 5 (Hamburg Turnpike)
N

9/2/94

NYSDEC INITIAL SPILL RESPONSE FORM

REGION 9 INCOMING LINE: 518 / 800

SPILL NAME _____ SPILL NUMBER: _____

CALLER'S NAME: _____ NOTIFIER'S NAME: Francine Gallego

CALLER'S AGENCY: _____ NOTIFIER'S AGENCY: NYSDEC

CALLER'S PHONE: ( ) _____ NOTIFIER'S PHONE: (716) 851-7220

SPILL DATE: 9/2/94 TIME: 8:00 hrs. ANS SVC DATE: / / TIME: hrs.

CENT OFF DATE: / / TIME: hrs. FIRST CALL: A (R) C ANS SVC OPER _____

REG OFF DATE: 9/2/94 TIME: 12:15 hrs. SARA Title III/CERCLA Notification Y / N

PETROLEUM SPILLED

1 - Gasoline 4 - #6 Fuel 7 - Waste Oil 10 - Kerosene
2 - #2 Fuel 5 - Diesel 8 - Non-PCB Oil (11) Unknown
3 - #4 Fuel 6 - Jet Fuel 9 - PCB Oil

MATERIAL CLASS

(1) Petroleum 3 - Hazardous Material 5 - Unknown
2 - Non-Petro/Non-Haz 4 - Raw Sewage

QUANTITY: _____ gals/lbs Amount Recovered _____

Other Material Spilled _____

SPILL LOCATION

PLACE: 2424 Hamburg Turnpike

STREET: _____

T/C/V Lackawanna CO: Erie

CONTACT: _____

PHONE: ( ) _____

SPILLER (If Different)

NAME: _____

STREET: _____

CITY/ST/ZIP: _____

CONTACT: _____

PHONE: ( ) _____

OTHER INFO: _____

SPILL CAUSE

1 - Human Error 5 - Tank Test Failure (9) Tank Failure
2 - Traffic Accident 6 - Housekeeping 10 - Tank Overfill
3 - Equipment Failure 7 - Deliberate 11 - Other
4 - Vandalism 8 - Abandoned Drums 12 - Unknown

SPILL SOURCE

1 - Comm/Indust (5) Gas Station 9 - Private Dwelling
2 - Non-Comm/Inst 6 - Passenger Vehicle 10 - Vessel
3 - Major Facility 400,000 gal 7 - Comm Vehicle 11 - Railroad Car
4 - Non-Maj Facility 1,100 gal 8 - Tank Truck 12 - Unknown

RESOURCE AFFECTED

(1) On Land (3) Groundwater 5 - Air
2 - In Sewer 4 - Surface Water

Waterbody _____

Drainage Basin/Sub-Basin _____

DEC NOTIFIED BY:

1 - Responsible Party 5 - Tank Tester 9 - Local Agency b. Tank Contractor
2 - Affected Persons (6) DEC 10 - Federal Gov't c. Clean-up Contractor
3 - Police Department 7 - Citizen 11 - Other d. Envir. Consultant
4 - Fire Department 8 - Health Dept. a. Fuel Supplier e. _____

REMARKS: NYSDEC noted underground excavation while driving past site. Found contaminated soil stockpiled on site. Also 2 UST's (large) partially excavated with contaminated water in the excavation. For safe design on buildings - Operator - 884-7000. No people on site.

PIN #	T&A	Cost Center	
Status: Active / Closed	Env. Complete / /	ISR to Central Office / /	
Non-PIN Closed / /	Last Inspection / /	Penalty Y / N	Inspector

Tank Test Failure Y / N Tank Size _____ Gal. Test Method _____ System/Tank/Line

Leak Rate _____ GPH PBS # _____ Tank I.D.#'s _____ Manifold Y / N

Cleaner: 1 - State 2 - Spiller 3 - Local 4 - No Action	History / / :
UST Trust Eligible Y / N	Site: A B C D E Resp. Party 1 2 3 4 5 6

Regional Contact _____ Central Duty Ofcr _____ EDO: Y/N _____ DATA INPUT [ ]

Revised 08/14/92

Spill Number _____

Date _____

NTINUA

Comme

9/2/94 Lackawanna
2424 Hamburg Turnpike

9/2/94 Lackawanna
2424 Hamburg Turnpike

9/2/94 Lackawanna
2424 Hamburg Turnpike

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

(1)

August 08, 1995

pm -
F6 -
9407600

Ms. Francine Gallego
NYSDEC, Region 9
270 Michigan Ave.
Buffalo, New York 14203-2999

Re: ESTATE OF SIEGEL PROPERTY
2424 HAMBURG TURNPIKE (RT 5)
LACKAWANNA, N.Y.
Submission of Sampling/Testing Results for Excavated Soils Undergoing Biological Treatment;
Request for Site Closure;

This letter is to inform your department that Nature's Way Inc. has successfully completed bioremediation (decontamination) operations on the approx. 500 cubic yards of diesel contaminated soil at the above location. As you are aware, we have been biotreating the subject soil by Standard Biotreatment Operating Procedures over the past three months. We have submitted soil samples as required (STARS Memo #1 - grabs and/or composites derived from a total of 4 - 8 soil cores at random locations and depths each) as required for the following analyses:

METHOD 8021 DIRECT ON SAMPLES
METHOD 8270 PNA'S ONLY ON TCLP EXTRACT

The analyses were performed by Expresslabs, and results may be found in Attachment #1.

Since soil analyses show no evidence of contamination above allowable limits, we request a letter from the DEC (copy NWI) stating that the soil has been successfully decontaminated, that no further work will be required, and that the soil may be reused as clean fill On-Site. Also, based on this and previously submitted Site data and inspections, please state in the letter that the Site has been assigned a formal designation of "Inactive", and that no further work will be required with respect to this spill, at this time. As always, your attention to this matter is greatly appreciated. Please call if you should have any questions or comments.

Sincerely,

Russel J. Savage, Pres.
Nature's Way Inc.

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

ATTACHMENT #1
ANALYTICAL RESULTS AT JOB COMPLETION

EXPRESSLAB

PO Box 40 5611 Water Street Middlesex NY 14507

Tel: (716) 554-5347 Tel: (800) THE LABS Tel: (800) 843-5227 FAX: (716) 554-4114

SPECIALIZING IN ENVIRONMENTAL SOIL TESTS

NEW YORK STATE LABORATORY #11369

LABORATORY REPORT - METHOD 8021

Cust **NATURE'S WAY, INC.**
Address: **11796 GENESEE STREET**
ALDEN , N.Y. 14004
Attn: **RUSS SAVAGE**

Phone 716-937-6527
FAX

PO Number:
Project Number:
Project Cust:
Project Site: **Turnpike Auto / Rt.5**
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print
Detection Limits* = Soil=ug/kg ppb
*See Individual Limit Water=ug/L ppb

Results shown are: **Volatile Organics**
Extraction Method: **EPA 5030 Purge & Trap**
Analysis Method: **EPA 8021 GC PID**

Sample ID (LAB)	6789	
Sample ID#1(CUST)	**Soil Under Treatment**	
Sample ID#2(CUST)	**Grab #1**	
Matrix	**Soil**	
Sampled By	**Brian O'Donnell**	
Date Sampled	07/25/95	01:50
Date Received	07/27/95	09:00
Date Analyzed	07/27/95	
Date Reported	07/28/95	
	Results	**Det Limit***
MTBE	**< DL**	0.9
Benzene	**< DL**	0.9
Toluene	**< DL**	0.9
Ethylbenzene	**< DL**	0.9
m&p-Xylene	**< DL**	1.8
o-Xylene	**< DL**	0.9
Isopropylbenzene	**< DL**	0.9
n-Propylbenzene	**< DL**	0.9
1,3,5-Trimethylbenzene	**< DL**	0.9
1,2,4-Trimethylbenzene	**< DL**	0.9
sec-Butylbenzene&1,3-Dichlorobenzene	**< DL**	1.8
Isopropyltoluene	**< DL**	0.9
n-Butylbenzene	**< DL**	0.9
Naphthalene	**< DL**	0.9

* DL = Detection Limit

EXPRESSLAB

PO Box 40 5611 Water Street Middlesex NY 14507

Tel: (716) 554-5347 Tel: (800) THE LABS Tel: (800) 843-5227 FAX: (716) 554-4114

SPECIALIZING IN ENVIRONMENTAL SOIL TESTS

NEW YORK STATE LABORATORY #11369

LABORATORY REPORT - METHOD 8021

Cust NATURE'S WAY, INC.
Address: 11796 GENESEE STREET
ALDEN, N.Y. 14004
Attn: RUSS SAVAGE

Phone 716-937-6527
FAX 716-937-6527

PO Number:
Project Number:
Project Cust:
Project Site: Turnpike Auto / Rt. 5
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print
Detection Limits* = Soil=ug/kg ppb
*See Individual Limit Water=ug/L ppb

Results shown are: Volatile Organics
Extraction Method: EPA 5030 Purge & Trap
Analysis Method: EPA 8021 GC PID

Sample ID (LAB)	6849	
Sample ID#1(CUST)	Soil under treatment	
Sample ID#2(CUST)	Grab # 2	
Matrix	Soil	
Sampled By	Brian J. O'Donnell	
Date Sampled	07/25/95	01:48
Date Received	07/26/95	03:15
Date Analyzed	08/02/95	
Date Reported	08/03/95	

	Results	Det Limit*
MTBE	< DL	1.0
Benzene	1.0	1.0
Toluene	< DL	1.0
Ethylbenzene	< DL	1.0
m&p-Xylene	< DL	2.0
o-Xylene	< DL	1.0
Isopropylbenzene	< DL	1.0
n-Propylbenzene	< DL	1.0
1,3,5-Trimethylbenzene	< DL	1.0
1,2,4-Trimethylbenzene	< DL	1.0
sec-Butylbenzene&1,3-Dichlorobenzene	< DL	2.0
Isopropyltoluene	< DL	1.0
n-Butylbenzene	< DL	1.0
Naphthalene	< DL	1.0

* DL = Detection Limit

EXPRESSLAB

PO Box 40 5611 Water Street Middlesex NY 14507

Tel: (716) 554-5347 Tel: (800) THE LABS Tel: (800) 843-5227 FAX: (716) 554-4114

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Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print
Detection Limits* = Soil=ug/kg ppb
*See Individual Limit Water=ug/L ppb

Results shown are: Volatile Organics
Extraction Method: EPA 5030 Purge & Trap
Analysis Method: EPA 8021 GC PID

Sample ID (LAB)	6850	
Sample ID#1(CUST)	Soil under treatment	
Sample ID#2(CUST)	Grab # 3	
Matrix	Soil	
Sampled By	Brian J. O'Donnell	
Date Sampled	07/25/95	01:45
Date Received	07/26/95	03:15
Date Analyzed	08/02/95	
Date Reported	08/03/95	

	Results	Det Limit*
MTBE	< DL	1.0
Benzene	< DL	1.0
Toluene	< DL	1.0
Ethylbenzene	< DL	1.0
m&p-Xylene	< DL	2.0
o-Xylene	< DL	1.0
Isopropylbenzene	< DL	1.0
n-Propylbenzene	< DL	1.0
1,3,5-Trimethylbenzene	< DL	1.0
1,2,4-Trimethylbenzene	< DL	1.0
sec-Butylbenzene&1,3-Dichlorobenzene	< DL	2.0
Isopropyltoluene	< DL	1.0
n-Butylbenzene	< DL	1.0
Naphthalene	< DL	1.0

* DL = Detection Limit

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LABORATORY REPORT - METHOD 8021

Cust	NATURE'S WAY, INC.
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	ALDEN , N.Y. 14004
Attn:	RUSS SAVAGE
Phone	716-937-6527
FAX	716-937-6527

PO Number:	
Project Number:	
Project Cust:	
Project Site:	Turnpike Auto / Rt. 5
Date FAXED:	
Lab Director	

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* = Soil=ug/kg ppb

*See Individual Limit Water=ug/L ppb

Results shown are: Volatile Organics

Extraction Method: EPA 5030 Purge & Trap

Analysis Method: EPA 8021 GC PID

Sample ID (LAB)	6851	
Sample ID#1(CUST)	Soil under treatment	
Sample ID#2(CUST)	Grab # 4	
Matrix	Soil	
Sampled By	Brian J. O'Donnell	
Date Sampled	07/25/95	01:43
Date Received	07/26/95	03:15
Date Analyzed	08/03/95	
Date Reported	08/03/95	

	Results	Det Limit*
MTBE	< DL	1.0
Benzene	1.6	1.0
Toluene	1.0	1.0
Ethylbenzene	< DL	1.0
m&p-Xylene	2.2	2.0
o-Xylene	1.0	1.0
Isopropylbenzene	< DL	1.0
n-Propylbenzene	1.5	1.0
1,3,5-Trimethylbenzene	< DL	1.0
1,2,4-Trimethylbenzene	< DL	1.0
sec-Butylbenzene&1,3-Dichlorobenzene	2.0	2.0
Isopropyltoluene	< DL	1.0
n-Butylbenzene	1.1	1.0
Naphthalene	< DL	1.0

* DL = Detection Limit

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Project Cust:
Project Site: Turnpike Auto / Rt. 5
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print
Detection Limits* = Soil=ug/kg ppb
*See Individual Limit Water=ug/L ppb

Results shown are: Volatile Organics
Extraction Method: EPA 5030 Purge & Trap
Analysis Method: EPA 8021 GC PID

Sample ID (LAB)	6852	
Sample ID#1(CUST)	Soil under treatment	
Sample ID#2(CUST)	Grab # 5	
Matrix	Soil	
Sampled By	Brian J. O'Donnell	
Date Sampled	07/25/95	01:42
Date Received	07/26/95	03:15
Date Analyzed	08/02/95	
Date Reported	08/03/95	

	Results	Det Limit*
MTBE	< DL	1.0
Benzene	< DL	1.0
Toluene	< DL	1.0
Ethylbenzene	< DL	1.0
m&p-Xylene	< DL	2.0
o-Xylene	< DL	1.0
Isopropylbenzene	< DL	1.0
n-Propylbenzene	< DL	1.0
1,3,5-Trimethylbenzene	< DL	1.0
1,2,4-Trimethylbenzene	< DL	1.0
sec-Butylbenzene&1,3-Dichlorobenzene	< DL	2.0
Isopropyltoluene	< DL	1.0
n-Butylbenzene	< DL	1.0
Naphthalene	< DL	1.0

* DL = Detection Limit

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Project Number:
Project Cust:
Project Site: **Turnpike Auto / Rt.5**
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print
Detection Limits* = Soil=ug/kg ppb
*See Individual Limit Water=ug/L ppb

Results shown are: **Volatile Organics**
Extraction Method: **EPA 5030 Purge & Trap**
Analysis Method: **EPA 8021 GC PID**

Sample ID (LAB)	6790	
Sample ID#1(CUST)	**Soil Under Treatment**	
Sample ID#2(CUST)	**Composite #1**	
Matrix	**Soil**	
Sampled By	**Brian O'Donnell**	
Date Sampled	07/25/95	02:02
Date Received	07/27/95	09:00
Date Analyzed	07/27/95	
Date Reported	07/28/95	
	Results	**Det Limit***
MTBE	**< DL**	1.0
Benzene	**< DL**	1.0
Toluene	**< DL**	1.0
Ethylbenzene	**< DL**	1.0
m&p-Xylene	**< DL**	2.0
o-Xylene	**< DL**	1.0
Isopropylbenzene	**< DL**	1.0
n-Propylbenzene	**< DL**	1.0
1,3,5-Trimethylbenzene	**< DL**	1.0
1,2,4-Trimethylbenzene	**< DL**	1.0
sec-Butylbenzene&1,3-Dichlorobenzene	**< DL**	2.0
Isopropyltoluene	**< DL**	1.0
n-Butylbenzene	**< DL**	1.0
Naphthalene	**< DL**	1.0

* DL = Detection Limit

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Project Cust:
Project Site: Turnpike Auto / Rt. 5
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print
Detection Limits* = Soil=ug/kg ppb
*See Individual Limit Water=ug/L ppb

Results shown are: Volatile Organics
Extraction Method: EPA 5030 Purge & Trap
Analysis Method: EPA 8021 GC PID

Sample ID (LAB)	6853	
Sample ID#1(CUST)	Soil under treatment	
Sample ID#2(CUST)	Composite # 2	
Matrix	Soil	
Sampled By	Brian J. O'Donnell	
Date Sampled	07/25/95	01:55
Date Received	07/26/95	03:15
Date Analyzed	08/02/95	
Date Reported	08/03/95	

	Results	Det Limit*
MTBE	< DL	1.0
Benzene	< DL	1.0
Toluene	< DL	1.0
Ethylbenzene	< DL	1.0
m&p-Xylene	< DL	2.0
o-Xylene	< DL	1.0
Isopropylbenzene	< DL	1.0
n-Propylbenzene	< DL	1.0
1,3,5-Trimethylbenzene	< DL	1.0
1,2,4-Trimethylbenzene	< DL	1.0
sec-Butylbenzene&1,3-Dichlorobenzene	< DL	2.0
Isopropyltoluene	< DL	1.0
n-Butylbenzene	< DL	1.0
Naphthalene	< DL	1.0

* DL = Detection Limit

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SPECIALIZING IN ENVIRONMENTAL SOIL TESTS

NEW YORK STATE LABORATORY #11369

LABORATORY REPORT -TCLP- PAH

Cust NATURE'S WAY, INC.
Address: 11796 GENESEE STREET
ALDEN , N.Y. 14004
Attn: RUSS SAVAGE

Phone 716-937-6527
FAX

PO Number:
Project Number:
Project Cust:
Project Site: Turnpike Auto / Rt.5
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Detection Limits* = Soil=mg/kg= ppm*
*See Individual Limits

Results shown are: PAH Compounds
Extraction Method: EPA 3510 Solvent Extraction
Analysis Method: EPA 8270 GC MS

Sample ID (LAB)	6790	
Sample ID #1 (CUST)	Soil Under Treatment	
Sample ID #2 (CUST)	Composite #1	
Matrix	Soil/Extract	
Sampled By	Brian O'Donnell	
Date Sampled	07/25/95	02:02
Date Received	07/27/95	09:00
Date Analyzed	07/30/95	06:51
Date Reported	07/31/95	20:57

*<DL = Below Detection Limit	Results	Det Limit
Naphthalene	<DL	0.011
Acenaphthylene	<DL	0.011
Acenapthene	<DL	0.011
Fluorene	<DL	0.011
Phenanthrene	<DL	0.011
Anthracene	<DL	0.011
Fluoranthene	<DL	0.011
Pyrene	<DL	0.011
Benzo(a)anthracene	<DL	0.011
Benzo(k)fluoranthene	<DL	0.011
Benzo(a)pyrene	<DL	0.011
Indeno(123-cd)pyrene	<DL	0.011
Dibenzo(a,h)anthracene	<DL	0.011
Benzo(ghi)perylene	<DL	0.011
Chrysene	<DL	0.011
Benzo(b)fluoranthene	<DL	0.011

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Project Cust:
Project Site: Turnpike Auto / Rt. 5
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Detection Limits* = Extract: mg/l= ppm*
*See Individual Limits

Results shown are: PAH Compounds
Extraction Method: EPA 3510 Solvent Extraction
Analysis Method: EPA 8270 GC MS

Sample ID (LAB)	6853	
Sample ID #1 (CUST)	Soil under treatment	
Sample ID #2 (CUST)	Composite # 2	
Matrix	Soil	
Sampled By	Brian J. O'Donnell	
Date Sampled	07/25/95	01:55
Date Received	07/26/95	03:15
Date Analyzed	08/06/95	01:51
Date Reported	08/07/95	11:28

*<DL = Below Detection Limit	Results	Det Limit
Naphthalene	< DL	0.010
Acenaphthylene	< DL	0.010
Acenapthene	< DL	0.010
Fluorene	< DL	0.010
Phenanthrene	< DL	0.010
Anthracene	< DL	0.010
Fluoranthene	< DL	0.010
Pyrene	< DL	0.010
Benzo(a)anthracene	< DL	0.010
Benzo(k)fluoranthene	< DL	0.010
Benzo(a)pyrene	< DL	0.010
Indeno(123-cd)pyrene	< DL	0.010
Dibenzo(a,h)anthracene	< DL	0.010
Benzo(ghi)perylene	< DL	0.010
Chrysene	< DL	0.010
Benzo(b)fluoranthene	< DL	0.010

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Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Detection Limits* = Extract: mg/l= ppm*
*See Individual Limits

Results shown are: PAH Compounds
Extraction Method: EPA 3510 Solvent Extraction
Analysis Method: EPA 8270 GC MS

Sample ID (LAB)	6854	
Sample ID #1 (CUST)	Soil under treatment	
Sample ID #2 (CUST)	Composite # 3	
Matrix	Soil/Extract	
Sampled By	Brian J. O'Donnell	
Date Sampled	07/25/95	02:15
Date Received	07/26/95	03:15
Date Analyzed	08/13/95	00:46
Date Reported	08/14/95	15:22

*<DL = Below Detection Limit

	Results	Det Limit
Naphthalene	<DL	0.010
Acenaphthylene	<DL	0.010
Acenapthene	<DL	0.010
Fluorene	<DL	0.010
Phenanthrene	<DL	0.010
Anthracene	<DL	0.010
Fluoranthene	<DL	0.010
Pyrene	<DL	0.010
Benzo(a)anthracene	<DL	0.010
Benzo(k)fluoranthene	<DL	0.010
Benzo(a)pyrene	<DL	0.010
Indeno(123-cd)pyrene	<DL	0.010
Dibenzo(a,h)anthracene	<DL	0.010
Benzo(ghi)perylene	<DL	0.010
Chrysene	<DL	0.010
Benzo(b)fluoranthene	<DL	0.010

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Project Site: Turnpike Auto / Rt. 5
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Detection Limits* = Extract: mg/l = ppm*
*See Individual Limits

Results shown are: PAH Compounds
Extraction Method: EPA 3510 Solvent Extraction
Analysis Method: EPA 8270 GC MS

Sample ID (LAB)	6855	
Sample ID #1 (CUST)	Soil under treatment	
Sample ID #2 (CUST)	Composite # 4	
Matrix	Soil/Extract	
Sampled By	Brian J. O'Donnell	
Date Sampled	07/25/95	02:20
Date Received	07/26/95	03:15
Date Analyzed	08/12/95	22:50
Date Reported	08/14/95	15:28

*<DL = Below Detection Limit	Results	Det Limit
Naphthalene	<DL	0.010
Acenaphthylene	<DL	0.010
Acenapthene	<DL	0.010
Fluorene	<DL	0.010
Phenanthrene	<DL	0.010
Anthracene	<DL	0.010
Fluoranthene	<DL	0.010
Pyrene	<DL	0.010
Benzo(a)anthracene	<DL	0.010
Benzo(k)fluoranthene	<DL	0.010
Benzo(a)pyrene	<DL	0.010
Indeno(123-cd)pyrene	<DL	0.010
Dibenzo(a,h)anthracene	<DL	0.010
Benzo(ghi)perylene	<DL	0.010
Chrysene	<DL	0.010
Benzo(b)fluoranthene	<DL	0.010

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Project Cust:
Project Site: Turnpike Auto / Rt. 5
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Detection Limits* = Extract: mg/l = ppm*
*See Individual Limits

Results shown are: PAH Compounds
Extraction Method: EPA 3510 Solvent Extraction
Analysis Method: EPA 8270 GC MS

Sample ID (LAB)	6856	
Sample ID #1 (CUST)	Soil under treatment	
Sample ID #2 (CUST)	Composite # 5	
Matrix	Soil/Extract	
Sampled By	Brian J. O'Donnell	
Date Sampled	07/25/95	02:27
Date Received	07/26/95	03:15
Date Analyzed	08/12/95	23:48
Date Reported	08/14/95	15:34

*<DL = Below Detection Limit	Results	Det Limit
Naphthalene	<DL	0.010
Acenaphthylene	<DL	0.010
Acenapthene	<DL	0.010
Fluorene	<DL	0.010
Phenanthrene	<DL	0.010
Anthracene	<DL	0.010
Fluoranthene	<DL	0.010
Pyrene	<DL	0.010
Benzo(a)anthracene	<DL	0.010
Benzo(k)fluoranthene	<DL	0.010
Benzo(a)pyrene	<DL	0.010
Indeno(123-cd)pyrene	<DL	0.010
Dibenzo(a,h)anthracene	<DL	0.010
Benzo(ghi)perylene	<DL	0.010
Chrysene	<DL	0.010
Benzo(b)fluoranthene	<DL	0.010

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Phone	716-937-6527
FAX	

PO Number:	
Project Number:	
Project Cust:	
Project Site:	Turnpike Auto / Rt.5
Date FAXED:	
Lab Director	Bill Seven

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Detection Limits* = Soil=mg/kg= ppm*

*See Individual Limits

Results shown are: PAH Compounds

Extraction Method: EPA 3510 Solvent Extraction

Analysis Method: EPA 8270 GC MS

Sample ID (LAB)	6789	
Sample ID #1 (CUST)	Soil Under Treatment	
Sample ID #2 (CUST)	Grab #1	
Matrix	Soil/Extract	
Sampled By	Brian O'Donnell	
Date Sampled	07/25/95	01:50
Date Received	07/27/95	09:00
Date Analyzed	07/30/95	05:54
Date Reported	07/31/95	20:52

*<DL = Below Detection Limit	Results	Det Limit
Naphthalene	<DL	0.016
Acenaphthylene	<DL	0.016
Acenapthene	<DL	0.016
Fluorene	<DL	0.016
Phenanthrene	<DL	0.016
Anthracene	<DL	0.016
Fluoranthene	<DL	0.016
Pyrene	<DL	0.016
Benzo(a)anthracene	<DL	0.016
Benzo(k)fluoranthene	<DL	0.016
Benzo(a)pyrene	<DL	0.016
Indeno(123-cd)pyrene	<DL	0.016
Dibenzo(a,h)anthracene	<DL	0.016
Benzo(ghi)perylene	<DL	0.016
Chrysene	<DL	0.016
Benzo(b)fluoranthene	<DL	0.016

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PO Number:
Project Number:
Project Cust:
Project Site: Turnpike Auto / Rt. 5
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Detection Limits* = Soil=mg/kg= ppm*
*See Individual Limits

Results shown are: PAH Compounds
Extraction Method: EPA 3510 Solvent Extraction
Analysis Method: EPA 8270 GC MS

Sample ID (LAB)	6849	
Sample ID #1 (CUST)	Soil under treatment	
Sample ID #2 (CUST)	Grab # 2	
Matrix	Soil/Extract	
Sampled By	Brian J. O'Donnell	
Date Sampled	07/25/95	01:48
Date Received	07/26/95	03:15
Date Analyzed	08/03/95	02:51
Date Reported	08/03/95	12:21

*<DL = Below Detection Limit	Results	Det Limit
Naphthalene	<DL	0.010
Acenaphthylene	<DL	0.010
Acenapthene	<DL	0.010
Fluorene	<DL	0.010
Phenanthrene	<DL	0.010
Anthracene	<DL	0.010
Fluoranthene	<DL	0.010
Pyrene	<DL	0.010
Benzo(a)anthracene	<DL	0.010
Benzo(k)fluoranthene	<DL	0.010
Benzo(a)pyrene	<DL	0.010
Indeno(123-cd)pyrene	<DL	0.010
Dibenzo(a,h)anthracene	<DL	0.010
Benzo(ghi)perylene	<DL	0.010
Chrysene	<DL	0.010
Benzo(b)fluoranthene	<DL	0.010

10

EXPRESSLAB

PO Box 40 5611 Water Street Middlesex NY 14507

Tel: 1-716-554-5347 Tel: 1-800-THE LABS Tel: 1-800-843-5227 FAX 1-716-554-4114

WORKORDER NYS

SPECIALIZING IN ENVIRONMENTAL SOILS TESTS
NY STATE CERTIFIED LAB #11369

6789

CUSTOMER: NATURE'S WAY
ADDRESS: 11796 GENESEE ST.
CITY: ALDEN
STATE/ZIP: NY 14004
PHONE: (716) 937-6527
FAX:
CONTACT: RUSS SAVAGE / GREG WEBER

PO.NUMBER:
PROJECT NO.:
PROJECT CUST.:
PROJECT SITE: TURNPIKE AUTO / RT. 5

SEND RESULTS: ☐ FAX ☐ EXPR MAIL
PHONE RESULTS: ☐ YES ☐ NO

SAMPLE DEMOGRAPHICS AND TESTS REQUIRED

8020 BTEX + MTDE	8270 (Stars)	FULL TCLP
8021 + MTBE	625	TCLP LESS HERBS & PESTS
503.1	PCB's	TCLP VOLATILES
TPH GASOLINE	602	TCLP SEMI-VOLATILES
TPH DIESEL	624	8 RCRA METALS (TCLP)
8240	TOX	HERBICIDES
8260 (Stars)	LEAD ONLY	PESTICIDES
8260		REACTIVITY
8 RCRA METALS (DIRECT)		COROSIVITY
		FLASH POINT

(DIESEL)
(GAS OR OIL)
SUSPECT: _____

SPECIAL INSTRUCTIONS: _____

LIST ANALYSIS REQUIRED

DATE	TIME	SAMPLE DESCRIPTION / LOCATION / MATRIX	TCLP 8270 PNA's	8021 + MTBE direct				
7-25-95	1:50	SOIL UNDER TREATMENT GRAB #1	X	X				
7-25-95	1:48	SOIL UNDER TREATMENT GRAB #2	X	X				
7-25-95	1:45	SOIL UNDER TREATMENT GRAB #3		X				
7-25-95	1:43	SOIL UNDER TREATMENT GRAB #4		X				
7-25-95	1:42	SOIL UNDER TREATMENT GRAB #5		X				

CHAIN OF CUSTODY RECORD

of SAMPLES 5 # of CONTAINERS 5
SAMPLED BY: BRIAN O'DONNELL
SIGNATURE: Brian J O'Donnell
NAME:
DATED: / / TIME: :
HOW SENT: ☐ EXP MAIL ☐ HAND CARRY
SIGNATURE 2:
NAME 2:
DATED 2: / / TIME: :
HOW SENT 2: ☐ EXP MAIL ☐ HAND CARRY

SAMPLES RECEIVED BY: Rob Smith
SIGNATURE:
NAME:
DATE: 7/26/95 TIME: 3:15pm
HOW REC'D.: ☐ EXP MAIL ☐ HAND CARRY
FREIGHT IN: $
LOGGED IN: 7/27/95 TIME: 9:00
SAMPLE COND.: SAMPLE TEMP.: 4°C
LAB NOTES:

White-Lab, Yellow-Customer, Hard-Lab

RESULTS WHEN YOU WANT THEM

EXPRESSLAB

PO Box 40 5611 Water Street Middlesex NY 14507

Tel: 1-716-554-5347 Tel: 1-800-THE LABS Tel: 1-800-843-5227 FAX 1-716-554-4114

WORKORDER NYS

SPECIALIZING IN ENVIRONMENTAL SOILS TESTS
NY STATE CERTIFIED LAB #11369

CUSTOMER: NATURE'S WAY
ADDRESS: 1170 GENESEE ST.
CITY: ALDEN
STATE/ZIP: NY 14004
PHONE: (716) 937-6527
FAX: (716) 937-6537
CONTACT: RUSS SAVAGE / GREG WEBER

PO NUMBER:
PROJECT NO.:
PROJECT CUST.:
PROJECT SITE: TURNPIKE AUTO INT.'S

SEND RESULTS: ☐ FAX ☐ EXPR MAIL
PHONE RESULTS: ☐ YES ☐ NO

SAMPLE DEMOGRAPHICS AND TESTS REQUIRED

8020 BTEX + MTDE	8270 (Stars)	FULL TCLP
8021 + MTBE	625	TCLP LESS HERBS & PESTS
503.1	PCB's	TCLP VOLATILES
TPH GASOLINE	602	TCLP SEMI-VOLATILES
TPH DIESEL	624	8 RCRA METALS (TCLP)
8240	TOX	HERBICIDES
8260 (Stars)	LEAD ONLY	PESTICIDES
8260		REACTIVITY
8 RCRA METALS (DIRECT)		COROSIVITY
		FLASH POINT

(DIESEL)
(GAS OR OIL)
SUSPECT:

SPECIAL INSTRUCTIONS: Please run Comp #1 + Grab #1 Cadysing Chain of Custody, and advise before proceeding

LIST ANALYSIS REQUIRED

DATE	TIME	SAMPLE DESCRIPTION / LOCATION / MATRIX	TCLP STD ANALYS	8021 + MTBE Direct				
7-25-95	2:07 PM	SOIL UNDER TREATMENT COMPOSITE #1	X	X				
7-25-95	1:55 PM	SOIL - UNDER TREATMENT COMPOSITE #2	X	X				
7-25-95	2:15 PM	SOIL UNDER TREATMENT COMPOSITE #3	X					
7-25-95	2:20 PM	SOIL UNDER TREATMENT COMPOSITE #4	X					
7-25-95	2:27 PM	SOIL UNDER TREATMENT COMPOSITE #5	X					

CHAIN OF CUSTODY RECORD

of SAMPLES 5 # of CONTAINERS 5
SAMPLED BY: BRIAN O'DONNELL
SIGNATURE:
NAME:
DATED: / / TIME: :
HOW SENT: ☐ EXP MAIL ☐ HAND CARRY
SIGNATURE 2:
NAME 2:
DATED 2: / / TIME: :
HOW SENT 2: ☐ EXP MAIL ☐ HAND CARRY

SAMPLES RECEIVED BY: Ed Smoke
SIGNATURE:
NAME:
DATE: 7/26/95 TIME: 8:40
HOW REC'D.: ☐ EXP MAIL ☒ HAND CARRY
FREIGHT IN: $
LOGGED IN: 7/27/95 TIME: 8:00
SAMPLE COND.: SAMPLE TEMP.: 40
LAB NOTES:

White-Lab, Yellow-Customer, Hard-Lab

RESULTS WHEN YOU WANT THEM

New York State Department of Environmental Conservation
270 Michigan Avenue, Buffalo, New York 14203-2999
(716) 851-7220

Michael D. Zagata
Commissioner

July 27, 1995

Herbert Siegel, Esq.
Siegel, Kelleher and Kahn
426 Franklin Street
Buffalo, New York 14202

Dear Mr. Siegel:

SPILL NUMBER 9407600
2424 HAMBURG TURNPIKE
LACKAWANNA
ERIE COUNTY

Please provide an update on the status of the remediation at this site. Please include the schedule that the soil has been treated, tilled and sampled. Also, include all measures taken to date and to be taken to control runoff from the soil piles to Route 5.

Please provide the requested information by August 11, 1995. If you have any questions, please contact me at 716/851-7220.

Sincerely,

Francine Gallego
Environmental Engineer I

FG:lej

cc: David Siegel, Esq.
Mr. Russel Savage, Nature's Way

Spill Number 9407600

Date

SPILL CONTINUATION SHEET

2424 Hamburg
Tphc.

Date	Comments
7/26/95	FG site visit. Met Nature's Way rep on site to check soils for petroleum odors. Checked 4 points to bottom of pile - found no contamin present. Nature's Way had collected samples on 7/25/95 for analysis.

Spill Number 9407600

Date

SPILL CONTINUATION SHEET

2424 Hmbg Tpke.

Date	Comments
5/3/95	FQ site visit. Soil being sprayed by Nature's Way with Nutrients.

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

(1)

April 02, 1995

Ms. Francine Gallego
NYSDEC, Region 9
270 Michigan Ave.
Buffalo, New York 14203-2999

Re: ESTATE OF SIEGEL PROPERTY
Spill No. 9407600
2424 HAMBURG TURNPIKE (RT 5)
LACKAWANNA, N.Y.
Submission of Schedule for Biotreatment of Soil (Work Activities)

Dear Francine,

In response to your March 16, 1995 letter, please find attached a revised copy of the biotreatment schedule, which was previously submitted within the Site Specific Biotreatment Work Plan, but which had to be modified slightly due to extended inclement (too cold) weather. As is shown by the attached schedule, we will be starting treatment work very soon. This should cover all work activities planned at the Subject Site:

1. Soil Treatment: 04/24/95 - 10/30/95
(or completion, whichever is first)
Bimonthly Treatment of Soil

2. Tilling: 05/15/95 - 10/30/95
(or completion, whichever is first)
Bimonthly as necessary

3. Interim Sampling for Contaminant Conc.:04/24/95 - 10/30/95
(or completion, whichever is first)
First Interim Soil Samples to be Taken approx. 06/24/94
Every two months if/as necessary thereafter.

Please note that we will try to notify you by telephone a day or two in advance of specific treatment applications, but that due to the nature of our work, the weather, and the need to schedule efficiently, we can't be more specific than the general intervals or timing shown above, at this time.

Sincerely,

Russel J. Savage, President
Nature's Way Inc.

cc:H. Siegel

file

New York State Department of Environmental Conservation
270 Michigan Avenue, Buffalo, New York 14203-2999
(716) 851-7220

March 16, 1995

Mr. Herbert Siegel
Siegel, Kelleher and Kahn
426 Franklin Street
Buffalo, New York 14202

Dear Mr. Siegel:

Spill Number 9407600
2424 Hamburg Turnpike
Hamburg
Erie County

Please provide your schedule of work activities at this site. As stated in your most recent correspondence, field work is to begin in April.

Please respond by March 31, 1995. If you have any questions, please call me at 851-7220.

Sincerely,

Francine Gallego

Francine Gallego
Environmental Engineer I

FG:vm

cc: David Siegel, Esquire - 300 Main Street, Buffalo
Mr. Russel J. Savage - Nature's Way, Inc.

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

(1)

December 30, 1994

RML
FG

Ms. Francine Gallego
NYSDEC, Region 9
270 Michigan Ave.
Buffalo, New York 14203-2999

Re: ESTATE OF ~~SIEGEL~~ PROPERTY
Spill No. 9407600
2424 HAMBURG ~~TURNPIKE~~ (RT 5)
LACKAWANNA, N.Y.
Submission of Initial Sample Analysis for Soil To be Biotreated

Dear Francine,

Please find attached, copies of analytical test results for initial sample analysis for soil to be biotreated. The soil to be remediated was sampled on Dec. 12, 1994, upon completion of setup work.

Sincerely,

Russel J. Savage, ~~President~~
Nature's Way Inc.

cc:H. Siegel

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CLIENT : NATURE'S WAY
11796 GENESEE STREET
ALDEN, N.Y. 14004

ATTN : RUSS SAVAGE

DATE REC'D. : 12/14/94
LABORATORY NO. : 94126589
REPORT DATE : 12/23/94

RE : 2424 HAMBURG TURNPIKE

SAMPLE INFORMATION

SAMPLE DATE : 12/12/94
SAMPLE TIME : 11:40 AM
NUMBER OF SAMPLES : 1

LOCATION :SOIL PILE
TYPE OF SAMPLE:SOIL COMPOSITE
SAMPLER :CLIENT

S.T.A.R.S. 8021

PARAMETER	SOIL UNDER TREATMENT COMP OF 16 GRABS	UNITS
METHYL t-BUTYL ETHER (MTBE)	15	ug/l
BENZENE	1.6	ug/l
ETHYLBENZENE	1.2	ug/l
TOLUENE	1.7	ug/l
m+p-XYLENES	4.9	ug/l
o-XYLENE	1.7	ug/l
ISOPROPYLBENZENE	<1.0	ug/l
n-PROPYLBENZENE	1.1	ug/l
p-ISOPROPYLTOLUENE	<1.0	ug/l
1,2,4-TRIMETHYLBENZENE	12	ug/l
1,3,5-TRIMETHYLBENZENE	3.4	ug/l
n-BUTYLBENZENE	3.8	ug/l
sec-BUTYLBENZENE	<1.0	ug/l
NAPHTHALENE	2.7	ug/l
a,a,a-TFT SURROGATE RECOVERIES:	122	%

Acceptable Range 60-132%

Performed by EPA Method 8021 Volatiles per NYSDEC S.T.A.R.S. Program Analyte List on a TCLP (Zero Headspace Extraction ZHE) 12/15/94.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

NATURE'S WAY / LAB #94126589

POLYNUCLEAR AROMATIC HYDROCARBONS

PARAMETER	SOIL UNDER TREATMENT	METHOD BLANK	UNITS
NAPHTHALENE	<1,700	<330	ug/kg
ACENAPHTHYLENE	<1,700	<330	ug/kg
ACENAPHTHENE	<1,700	<330	ug/kg
FLUORENE	<1,700	<330	ug/kg
PHENANTHRENE	<1,700	<330	ug/kg
ANTHRACENE	<1,700	<330	ug/kg
FLUORANTHENE	2,800	<330	ug/kg
PYRENE	2,100	<330	ug/kg
CHRYSENE	<1,700	<330	ug/kg
BENZO(b) FLUORANTHENE	<1,700	<330	ug/kg
BENZO(k) FLUORANTHENE	<1,700	<330	ug/kg
BENZO(a)PYRENE	<1,700	<330	ug/kg
DIBENZO(a,h) ANTHRACENE	<1,700	<330	ug/kg
INDENO(1,2,3-cd) PYRENE	<1,700	<330	ug/kg
BENZO(g,h,i) PERYLENE	<1,700	<330	ug/kg
BENZO(a) ANTHRACENE	<1,700	<330	ug/kg
SURROGATE RECOVERIES :			
NITROBENZENE-d5	52	48	%
2FLUOROBIPHENYL	102	49	%
TERPHENYL-d14	98	71	%

Analysis performed by EPA Method 8270 Base-Neutrals (PNA'S) per NYSDEC S.T.A.R.S. program memo #1 listing direct on sample on 12/16/94.

PARAMETER	SOIL UNDER TREATMENT	UNITS	METHOD NUMBER	DATE ANALYZED
IGNITABILITY	>140	^{0}F	EPA SW 846 1010	12/14

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES

CHAIN OF CUSTODY RECORD

Client Name: Natures Way Inc

Mailing Address: 11796 Genesee St
Alden, NY 14004

LABORATORY NO: 6589

Project Name: 2424 Hamburg Tpk

SAMPLE IDENTIFICATION	DATE	TIME	LOCATION	SAMPLE TYPE	ANALYSIS: Ignitability	TCLP	8021	8270 PNAs					NUMBER OF CONTAINERS	REMARK
Soil Under Treatment Composit of 16 Grabs	12/12/94	11:40 Am	Soil Pile	Soil Comp	X	X	X						3	

SAMPLED BY: William Kull
SIGN

RELINQUISHED BY:	1 William Kull SIGN 12/14/94 / DATE TIME	2 Brian Hendrick SIGN 12/14/94 / DATE 2:30pm / TIME	3 SIGN DATE / TIME	4 SIGN DATE / TIME
RECEIVED BY:	1 Brian Hendrick SIGN 12/14/94 / DATE 12:30pm / TIME	2 SIGN DATE / TIME	3 SIGN DATE / TIME	4 SIGN DATE / TIME

METHOD OF SHIPMENT: Hand Delivered

Brian Hendrick
SIGN

RECEIVED FOR LABORATORY BY:
SIGN

12/14/94
DATE

2:30
TIME

Spill Number 9407600

Date _____

SPILL CONTINUATION SHEET

Date	Comments
12/15/94	EA site visit. Met R. Savage on site. Berms had been set up adequately to control runoff. 4 drums sludge from UST's had to be disposed. Told Mr. Savage that a cover must be placed on the bio cells to prevent use & draw runoff to the street. He agreed that he would place the plastic.

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

FAX LEAD SHEET

DATE: 12/13/94

SENT TO: Ms. Francine Gallego NYS DEC

AT FAX NO.: 851-7252

NO. OF PAGES (INCLUDE LEAD SHEET) 25

FROM (SENT BY): _____

MESSAGE _____

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

(1)

December 13, 1994

Ms. Francine Gallego
NYSDEC, Region 9
270 Michigan Ave.
Buffalo, New York 14203-2999

Re: ESTATE OF SIEGEL PROPERTY
Spill No. 9407600
2424 HAMBURG TURNPIKE (RT 5)
LACKAWANNA, N.Y.
Response to Your December 05, 1994 Letter

Dear Francine,

This letter is in response to your December 05, 1994 letter to Mr Herbert Siegel regarding ongoing remediation work at the subject Site. We would like to respond to the issues/items you raised in your letter as follows:

Item #1 - Analytical Test Results

As you are aware from your telcon with the Laboratory Coordinator/Supervisor of the NYSDOH ELAP accredited Environmental Testing Laboratory (Lozier Laboratories Inc.) who performed the subject testing on this project, all samples were submitted by NWI to the lab in a timely manner and initial analysis was performed by the lab within the applicable holding time allowance (14 days). Because the lab found that surrogate (QA/QC) recoveries (for sample #2 - tank pit bottom sides composite ONLY) were outside the normally acceptable range in the initial analysis, they reran the samples on 10/03/94, with QA/QC being acceptable and results being nearly identical to the first analysis, in this reanalysis. Please note that results obtained for the other two samples reported (Stained area west side, and test pit) were technically valid and acceptable on the first analysis date with regard to both QA/QC and holding time. The Laboratory, upon obtaining confirmation of the accuracy of their initial results for the one sample analysis in question, issued the report provided to you.

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St. (716) 937-6527

December 13, 1994

Please note that there was a typographical error on the original report issued by the Lab, stating the reanalysis date as 10/23/94 instead of 10/03/94. This has been corrected in the attached reissued report by the Lab. The laboratory has also provided a written explanation of the sequence of events as outlined above, reissued the corrected (typo) lab report, and stated that it is their Professional opinion that the analysis in question is accurate, reliable, and useable for its' intended purpose. Please also note that the technical issue here (holding time on the one sample) is over an exceedance of only 2 - 3 days beyond the normal technical holding time allowance, and relates to a secondary confirmatory analysis on the sample because of an effort to demonstrate QA/QC data within limits, and that results from that second analysis did not differ significantly from the original analysis. In addition, we did not request "clean closure" of this Site, nor contend that all areas are completely within DEC guidance values, as is shown by the results for the stained west side sample.

Based on this information and explanation, we feel that the data is accurate and that re-excavation or borings to obtain another sample would represent an unnecessary expense and hardship for all involved, and are respectfully requesting that the Department accept the analytical data and explanation submitted for this sample at this Site, and that no resampling be required.

Item #2 - Soil Removal from Test Pit

Soil was excavated to a depth of five to seven feet deep in this location.

Item #3 - Additional Test Pit Excavation

As per our November 14, 1994 letter to you, we planned and did notify you that we would reexcavate and sample <u>two</u> test pits in the locations you originally had requested, and which had been excavated and sampled previously during initial Site work, but for which the samples were not turned in to the lab. We are assuming that this is what your item is referring to.

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

December 13, 1994

Item #3 - Additional Test Pit Excavation (continued)

As is shown in that letter, we originally planned to perform this task on the 22nd of November, but were delayed to the 30th of November. Apparently, this is just a case of miscommunication or our data/letters crossing in the mail, since you did not mention anything to our office or to the NWI employees performing work on-site regarding your desire to be present during the excavation of these test pits when you made a Site visit the week of the 21 - 25 of November. In any event, and as you are aware from our 12/08/94 submission, these test pits were re-excavated, as intended, on the 30th of Nov. and results showing no contamination present in these areas were submitted on 12/08/94.

Item #4 - Bioremediation Proposal

As your Department is aware, NWI has been performing bioremediation of petroleum contaminated soils for over six years at Sites throughout Western and Central NY State. We have been using the same methodology that was originally approved by the Department six years ago on each of these more than 70 soil remediation Sites, all of them successsful. Never before has a more specific proposal than the one submitted to you on November 14 with regard to this Site, been requested by any DEC representative, on any Site, in any Region in which we have worked. In response to your request, please find attachment #2 Site Specific Bioremediation Proposal for this Site. Please inform us whether it is a new Department position that a Site specific proposal be submitted for each Site, so that we can avoid the need for resubmissions in the future.

Item #5 - Bio Soil Pile Berming

Berming to prevent runoff apparently was not complete at the time of your visit and has since been completed.

Item #6 - Bio Pile Analysis

The soil to be remediated was sampled on Dec. 12, 1994, upon completion of setup work, for initial analysis as requested, and as planned (Nov. 14, 1994 letter), and results will be forwarded as soon as available.

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

December 13, 1994

Item #6 - Bio Pile Analysis (continued)

With regard to interim (every two months) analysis during treatment, this has always been performed since required only during periods of active treatment (i.e. not during the winter Dec. - Apr., when treatment is suspended), and we assume that the requirements for this Site are the same as all others, and have planned to perform this interim sampling when active treatment begins in April. Please indicate whether this is acceptable.

Item #7 - Bacterial Product Information/MSDS's

This information is considered by us to be Company Confidential/Proprietary (trade secret), and so we request that you treat the information supplied (attachment #3) as such as Confidential, as required by Law.

Item #8 - Final Samples

We will notify NYSDEC when we are ready for final sampling.

Item #9 - Soil Conditioning Agents/pH Adjustments

No adjustments have been made as yet, since active treatment wont begin until April. If any adjustments are deemed necessary based on field testing of the soil by NWI for pH and moisture content and retention, they will consist of agricultural lime and/or Basic-H (MSDS for Basic-H also enclosed in attachment #3). Please note that this information is also considered by us to be confidential.

Item #10 - Tank Scrap Disposal Reciept

We do many tank removals (> 100 per year). We have never before been asked to provide a scap disposal reciept for the cleaned former U.S.T.'s at any Site. Therefore, we do not routinely keep them on record. Please note that these tanks were cleaned so thoroughly before disposal that we were able to use them to hold water that had been carbon filtered prior to release and which water tested clean enough to meet groundwater standards prior to release. We have asked our normal scrap recycling facility to check their records for us, but that will take some time. We will submit any reciepts, if

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

(5)

December 13, 1994

Item #10 - Tank Scrap Disposal Reciept (continued)

We will submit any reciepts, if found, as soon as we find them. Please inform us as to whether the described accounting for of the tanks for the Site is acceptable if reciepts cant be found.

In closing, please review the above responses to your 12/05/94 letter, and provide written response to our submissions. Please copy NWI (as per Mr. Siegel's request) on all correspondence to expedite the handling of any issues that may arise in the future with regard to this Site. Also, please call if you should have any questions or comments.

Sincerely,

Russel J. Savage, President
Nature's Way Inc.

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

ATTACHMENT #1
LETTER FROM LOZIER LABORATORIES INC. RE ANALYTICAL TEST RESULTS

909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 864-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

December 13, 1994

Russell Savage
Nature's Way Inc.
11796 Genesee Street
Alden, NY 14004

Re: 2424 Hamburg Turnpike
Lozier Laboratory report: 94094867

Dear Mr. Savage:

Please find enclosed a revised laboratory report concerning three (3) soil samples submitted to Lozier Laboratories September 22, 1994 for NYSDEC S.T.A.R.S. program 8021 Volatiles-Direct, and TCLP-EPA 8270 Base Neutrals (PAH's) for the 2424 Hamburg Turnpike site.

Ms. Francine Gallego of the NYS Department of Environmental Conservation, Region 9, called to inform me that Lozier Laboratories was non-compliant with regard to the analysis performed on your sample identified "T. Pit Bottom/Sides" because EPA 8021 volatiles-direct analysis was performed outside of the proper 14-day holding time.

In my conversation with Ms. Gallego, I mentioned that this same sample was, in fact, analysed on September 23, 1994 (well within the proper 14-day holding time)but that the surrogate % recovery value for this sample was 24%.

An attempt was made to re-analyse this sample on September 27, 1994 but due to a GC-system contamination problem the data and chromatogram were un-usable. A third attempt was made to analyse the sample on October 3, 1994 (3 days outside of holding time). This time the surrogate % recovery was acceptable (45%). It was the data from this analysis run that was reported in your first laboratory report.

The only analyte of concern with this same sample was isopropylbenzene. The first analysis (9/23/94) had a positive hit of 3.8 ug/kg. The value reported outside of holding time was 2.9 ug/kg.

LOZIER LABORATORIES, INC.
609 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

Our QC Analyst has summarized the two (2) analysis runs concerning QA/QC ie. blanks, external QC check runs, etc. for each of the two analysis dates (9/23 & 10/03/94).

Even though the analysis for "T. Pit Bottom/Sides" could be considered non-compliant it is my opinion that the data should be regarded usuable.

Compensating for surrogate recoveries on this sample would account for the following theoretical conclusion:

3.8 ug/kg / 0.24 = 15.8 ug/kg
2.9 ug/kg / 0.45 = 6.4 ug/kg
Avg. 11.1 ug/kg

At the very most this sample would possibly have had a value of 11.1 ug/kg; well below the TCLP alternative guidance value of 100 ug/kg listed for isopropylbenzene in the NYSDEC STARS memo #1 document.

Please call if you have any questions or require additional information.

Sincerely,

Dennis Ciehomski
Laboratory Coordinator

DC/js
attachment

LOZIER LABORATORIES, INC.
609 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-8360
FAX (716) 654-8364

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

12/13/94

Re: Laboratory Report 94094867 Soils

9/23/94

1. Surrogate Recoveries for laboratory 94094867-1 = 56% (acceptance range for soils = 37-120%) 94094867-3 = 52%

2. D.I. H^2O Instrument Blk: 102%

3. 8021 Cal Check: Within +/- 20% of established curve for all 8021 cpds.

4. 8021 QC: Between 82 to 117% Recovery for all 8021 cpds.

5. Isopropylbenzene QC: 84% Rec. (reference check sample).

6. 8021 MS/MSD (Ext QC) within established parameters for all 8021 cpds.

10/03/94

1. Surrogate recovery for 4867-2 = 45% (acceptance range for soils = 37-120%)

2. D.I. H_2O Instrument Blk: 102.

3. 8021 Cal Check: Within +/- 20% of established curve for all 8021 cpds.

4. 8021 QC: Between 70-118% for all 8021 cpds except Napthalene (46%).

5. Isopropylbenzene QC: 95% Recovery.

6. MS/MSD (EXT QC) done on a soil (#4989) within established parameters for all 8021 cpds. (Isopropbenzene = 100%, 67%)

William T. Stork

William Stork
GC Analyst

WS/js

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ROCHESTER, NEW YORK 14609
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NEW YORK STATE
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ENVIRONMENTAL LABORATORY

CLIENT : NATURE'S WAY
11796 GENESEE STREET
ALDEN, N.Y. 14004

ATTN : RUSS SAVAGE

DATE REC'D. : 09/22/94
LABORATORY NO. : 94094867
REPORT DATE : 10/06/94

RE : 2424 HAMBURG TURNPIKE

SAMPLE INFORMATION

SAMPLE DATE	: 09/16-09/20	LOCATION	:SEE REFERENCE
SAMPLE TIME	: 3:15-4:00 PM	TYPE OF SAMPLE	:SOILS
NUMBER OF SAMPLES	: 3	SAMPLER	:CLIENT

S.T.A.R.S. 8021 VOLATILES - DIRECT

PARAMETER	STAINED AREA W. SIDE (1)	T. PIT BOTTOM /SIDES (2)	TEST PIT (1)	UNITS
BENZENE	17	<1.0	<1.0	ug/kg
ETHYLBENZENE	51	<1.0	<1.0	ug/kg
TOLUENE	21	<1.0	<1.0	ug/kg
m+p-XYLENES	180	<2.0	<2.0	ug/kg
o-XYLENE	8.0	<1.0	<1.0	ug/kg
ISOPROPYLBENZENE	6.2	3.8	<1.0	ug/kg
n-PROPYLBENZENE	10	<1.0	<1.0	ug/kg
p-ISOPROPYL TOLUENE	<1.0	<1.0	<1.0	ug/kg
1,2,4-TRIMETHYL BENZENE	160	<1.0	27	ug/kg
1,3,5-TRIMETHYL BENZENE	64	<1.0	<1.0	ug/kg
n-BUTYLBENZENE	55	<1.0	4.3	ug/kg
sec-BUTYLBENZENE	4.2	<1.0	<1.0	ug/kg
NAPHTHALENE	56	<1.0	20	ug/kg
METHYL t-BUTYL ETHER (MTBE)	<5.0	<5.0	<5.0	ug/kg
SURROGATE RECOVERIES:				
a,a,a-TFT	56	24	52	%

Soils Acceptance Criteria : 37-120%

(1) Analysis performed by EPA Method 8021 Volatiles per NYSDEC S.T.A.R.S. Program Analyte List Direct on samples on 09/23/94.
(2) Analysis performed on 09/23/94. Low surrogate recovery due to matrix interference.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
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NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

NATURE'S WAY / LAB #940948667

POLYNUCLEAR AROMATIC HYDROCARBONS

PARAMETER	STAINED AREA W. SIDE	T. PIT BOTTOM /SIDES	TEST PIT	METHOD BLANK
NAPHTHALENE	<10	<10	<10	<10
ACENAPHTHYLENE	<10	<10	<10	<10
ACENAPHTHENE	<10	<10	<10	<10
FLUORENE	<10	<10	<10	<10
PHENANTHRENE	<10	<10	<10	<10
ANTHRACENE	<10	<10	<10	<10
FLUORANTHENE	<10	<10	<10	<10
PYRENE	<10	<10	<10	<10
CHRYSENE	<10	<10	<10	<10
BENZO(b) FLUORANTHENE	<10	<10	<10	<10
BENZO(k) FLUORANTHENE	<10	<10	<10	<10
BENZO(a)PYRENE	<10	<10	<10	<10
DIBENZO(a,h) ANTHRACENE	<10	<10	<10	<10
INDENO(1,2,3-cd) PYRENE	<10	<10	<10	<10
BENZO(g,h,i) PERYLENE	<10	<10	<10	<10
BENZO(a) ANTHRACENE	<10	<10	<10	<10
SURROGATE RECOVERIES :				
NITROBENZENE-d5	61	51	61	74
2FLUOROBIPHENYL	56	46	51	53
TERPHENYL	75	54	69	68

Analysis performed by EPA Method 8270 Base-Neutrals (PNA'S) per NYSDEC S.T.A.R.S. program memo #1 listing on TCLP Extractions on 09/23/94.

Results expressed in ug/l.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
809 CULVER ROAD
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APPROVED
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NATURE'S WAY / LAB #940948667

PAGE 3 OF 3

S.T.A.R.S. 8021 VOLATILES - DIRECT

PARAMETER	T. PIT BOTTOM /SIDES	UNITS
BENZENE	<1.0	ug/kg
ETHYLBENZENE	<1.0	ug/kg
TOLUENE	<1.0	ug/kg
m+p-XYLENES	<2.0	ug/kg
o-XYLENE	<1.0	ug/kg
ISOPROPYLBENZENE	2.9	ug/kg
n-PROPYLBENZENE	<1.0	ug/kg
p-ISOPROPYL TOLUENE	<1.0	ug/kg
1,2,4-TRIMETHYL BENZENE	<1.0	ug/kg
1,3,5-TRIMETHYL BENZENE	<1.0	ug/kg
n-BUTYLBENZENE	<1.0	ug/kg
sec-BUTYLBENZENE	<1.0	ug/kg
NAPHTHALENE	<1.0	ug/kg
METHYL t-BUTYL ETHER (MTBE)	<5.0	ug/kg
SURROGATE RECOVERIES:		
a,a,a-TFT	45	%
Soils Acceptance Criteria : 37-120%		

Analysis performed on 10/03/94, outside of holding time.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

CHAIN OF CUSTODY RECORD

Name: Natures Way Inc
Mailing Address: 11796 Genesee St
Alden, NY 14004
Project Name: 2429 HAMBURG TPK

LABORATORY NO: 4867

SAMPLE IDENTIFICATION	DATE	TIME	LOCATION	SAMPLE TYPE	ANALYSIS: 8021 BTEX (X)	ANALYSIS: TCLP 8270 PNAS (X)	NUMBER OF CONTAINERS	REMARK
Stained Area Under Bldg	9/16/99	3:15 pm	West side	grab	X	X	1 - 5L	
T.Pit Bottom Side Comp.	9/16/99	3:15 pm	S Random	Comp	X	X	1 - 5L	
Test pit @ Forestdale	9/16/99	4:00 pm	5 grabs 5-7' BGS Composite	Comp	X	X	1 - 5L	

SAMPLED BY: SIGN

	1	2	3	4
RELINQUISHED BY:	SIGN 9/16/99 DATE 3:15 pm TIME	SIGN 9-22-99 DATE 3:10 TIME	SIGN DATE TIME	SIGN DATE TIME
RECEIVED BY:	1 SIGN 9-22-99 DATE 2:55 TIME	2 SIGN DATE TIME	3 SIGN DATE TIME	4 SIGN DATE TIME

METHOD OF SHIPMENT: SIGN

RECEIVED FOR LABORATORY BY: SIGN 9/22/99 DATE 3:10 TIME

NWI-FAX TEL NO. 716-937-6527 Dec 14,94 16:49 P.14

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

ATTACHMENT #2
BIOREMEDIATION - SITE SPECIFIC PROPOSAL W/SITE MAP

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

SITE SPECIFIC BIOREMEDIATION PLAN AND SCHEDULE FOR:

2424 HAMBURG TURNPIKE SITE
LACKAWANNA, N.Y.

General Overview Of Bioremediation Process Used By NWI

Bioremediation can be considered for practical purposes to be greatly enhanced natural biodegradation. Biodegradation is the metabolic breakdown of hydrocarbons by numerous types of organisms resulting in end products such as carbon dioxide, water, and organic matter (cell protoplasm,etc.). These metabolic processes are often referred to as mineralization. The bioremediation processes employed by NWI use commercial formulations of specially selected and adapted naturally occurring bacteria, and create an environment which is favorable for growth, reproduction, and hydrocarbon utilization. This is accomplished through supplementation and management of various factors including bacterial population, moisture content, oxygen availability, nutrient loading, and pH. A bacterial suspension is applied to supplement indigenous soil bacteria. Soil to be remediated must be aerated (oxygenated) by one of several means to support degradation. Essential nutrients, in the form of commercial agricultural type fertilizers, must be supplied in the correct ratios to support degradation. Soil conditioning agents such as biodegradable surfactants are also applied as needed to maintain contaminant substrate availability and to act as a cosubstrate and volatilization inhibitor.

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

Description Of Above Ground Bioremediation Methodology

The following is a summary and schedule of events and actions to take place during the decontamination procedure.

I. Soil Preparation For Treatment: 11/14 - 12/01/94

The contaminated soil will be placed on a plastic liner having it's perimeter supported by hay bales or clean soil to form a burm, to prevent runoff. The contaminated soil is generally spread over a large enough area to provide a maximum depth of 2 feet.

II. Soil Treatment: 03/15/95 - 09/30/95
(or completion, whichever is first)

Bimonthly Treatment of Soil:

Soil conditioning agents and nutrient supplements, in the form of dilute commercial agricultural type fertilizers (Peters 20-20-20 w/soluble trace elements), necessary pH adjustments (agricultural lime), and biodegradable surfactants (Basic-H), will be applied when active soil treatment is begun in March or April 1995, and as a part of bi-monthly bacterial suspension applications.

Large quantities (approx. 9000 gal/application) of an ubiquitous hydrocarbon utilizing bacteria, Bacillus subtilus, will be produced and applied in a liquid suspension on a Bimonthly basis to the soil on site, within the manufacturer's recommended guidelines. The bacteria used are a proven, safe, commercial formulation similar to that used in wastewater treatment for over 20 years. Product information and MSDS sheets on these bacterial formulations is attached and is considered confidential. The bacteria will be applied to the soil using a high volume, medium pressure pumping system.

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

Description Of Above Ground Bioremediation Methodology (cont.)

III. Tilling: 03/15/95 - 09/30/95
(or completion, whichever is first)

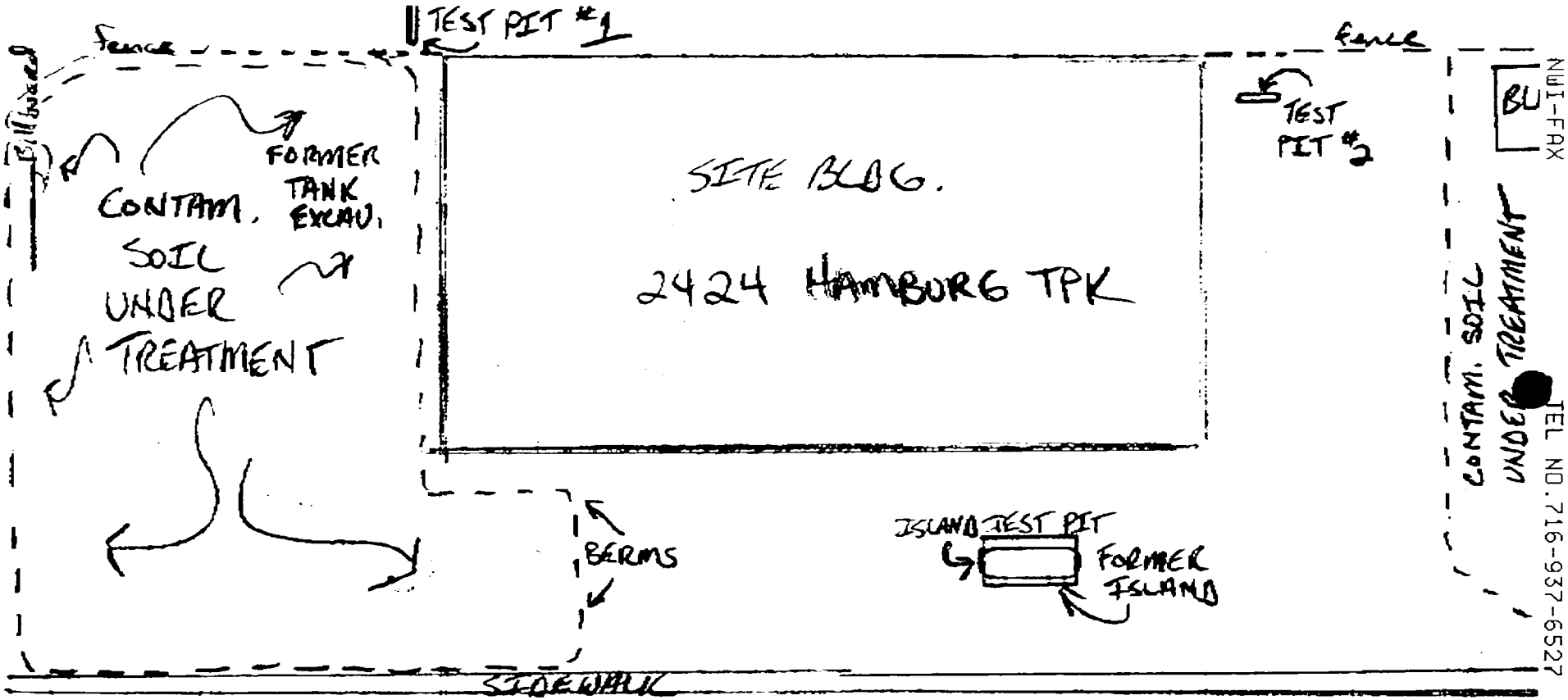
Oxygenation (tilling) of the soil under treatment to support degradation will be performed bimonthly with construction equipment (backhoe).

IV. Interim Sampling for Contaminant Concentration:
03/15/95 - 09/30/95
(or completion, whichever is first)

In addition, we will monitor contamination levels through soil sample analysis every two months during periods of active treatment throughout the treatment period to monitor performance. All data will be made available to the NYSDEC as it becomes available.

V. Final Sampling: Est. 06/01/95 - 09/30/95

When NWI has determined by field observations/instrumentation that cleanliness criteria probably have been achieved, we will notify NYSDEC that we are ready to perform final sampling/analysis, and will submit required analytical results to confirm completion of decontamination. Upon confirmation of attainment of cleanup criteria, we will consider site operations complete and provide a written report, analytical data, and request for closure of the project to the NYSDEC within 30 days of completion.



SITE MAP - 2424 HAMBURG TPK

NOT TO SCALE: INFORMATIONAL PURPOSES ONLY

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

ATTACHMENT #3
TREATMENT AGENT INFO & MSDS'S

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

(1)

December 7, 1994

Ms. Francine Gallego
NYSDEC, Region 9
270 Michigan Ave.
Buffalo, New York 14203-2999

Re: ESTATE OF SIEGEL PROPERTY
2424 HAMBURG TURNPIKE (RT 5)
LACKAWANNA, N.Y.
Submission of Test Pit Groundwater Analytical Testing Results;

9407600

Dear Francine,

As you know, we recently (November 30, 1994) excavated two test pits as follows:

> Test Pit #1 - just beyond the fence at the rear (south side) of the tank excavation area; and
>
> Test Pit #2 - at the far (southwest corner) end of the Site building;

to demonstrate that the residual contamination known to be present beneath the Site building did not extend in other directions beyond the building, and was not of significant impact to soils/groundwater outside the building footprint. We obtained a water sample (shallow groundwater-probable trapped surficial drainage water was encountered in both test pits at approx.7.0' - 8.0' BGS) from each test pit to confirm whether contamination above DEC guidelines existed in these areas.

Field observations (appearance, odor, sheen) gave no indication of the presence of contamination. Analytical results (Attachment #1) for the groundwater samples obtained from these two test pits confirm that no petroleum contamination is detectable in these test pit areas, and also confirming that any residual contamination at the Site appears isxolated to the inaccessible area beneath the building.

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

(2)

December 7, 1994

As stated in our previous letter/report (Nov. 14, 1994), while contaminant levels slightly above NYSDEC guidlines were found to remain in an area of soils beneath the Site Building, it is our opinion based on the available data that it is unlikely that the contaminated soils present in that area are impacting soils/groundwater areas outside the building footprint, and constitute no significant present or potential impact to the Environment.

Also as previously reported, it was determined that no utilities or likely sensitive receptors are present in/around the residually affected area (beneath building) of the Site, and that groundwater is not being used as a source of potable water in the area in general. This would make the presence of residual soils contamination in this area unlikely to pose a significant threat of impact to any sensitive receptors, or the Environment in general.

Based on these findings, and since analytical results from the two test pits confirm that these areas meet DEC guidelines, it is our opinion and conclusion that:

> The small area of isolated low level residual soils contamination present beneath the Site building poses no significant threat of adverse impact to the overall quality of the environment or potential receptors.

Based on the above data and conclusions, and upon submission of the above-referenced confirmatory test pit analyses, please respond with a letter (address above - copy NWI) assigning a formal designation of "Inactive" to this spill Site, and stating that no further work (other than completion of soil decontamination) will be required at this time. Please call if you should have any questions or comments.

Sincerely,

Russel J. Savage, President
Nature's Way Inc.

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

ATTACHMENT #1
TEST PIT ANALYTICAL RESULTS

EXPRESSLAB

PO Box 40 5611 Water Street Middlesex NY 14507

Tel: (716) 554-5347 Tel: (800) THE LABS Tel: (800) 843-5227 FAX: (716) 554-4114

SPECIALIZING IN ENVIRONMENTAL SOIL TESTS

NEW YORK STATE LABORATORY #11369

LABORATORY REPORT - METHOD 8021

Cust	Nature's Way Inc.
Address:	11796 Genesee Street
	Alden, NY 14004
Attn:	Russ Savage
Phone	716-937-6527
FAX	716-937-6527

PO Number:	2424 Hamburg Tpk.
Project Number:	
Project Cust:	
Project Site:	Turnpike Auto
Date FAXED:	
Lab Director	

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print

Detection Limits* = Soil=ug/kg ppb

*See Individual Limit Water=ug/L ppb

Results shown are: Volatile Organics

Extraction Method: EPA 5030 Purge & Trap

Analysis Method: EPA 8021 GC PID

Sample ID (LAB)	5476		
Sample ID#1(CUST)	Test pit #1		
Sample ID#2CUST)	rear of building		
Matrix	Water		
Sampled By	Charlie Say		
Date Sampled	11/30/94	11:30	
Date Received	12/03/94	10:00	
Date Analyzed	12/07/94		
Date Reported	12/07/94		
	Results		Det Limit*
MTBE	< DL		1.0
Benzene	< DL		1.0
Toluene	< DL		1.0
Ethylbenzene	< DL		1.0
m&p-Xylene	< DL		2.0
o-Xylene	< DL		1.0
Isopropylbenzene	< DL		1.0
n-Propylbenzene	< DL		1.0
1,3,5-Trimethylbenzene	< DL		1.0
1,2,4-Trimethylbenzene	< DL		1.0
sec-Butylbenzene	< DL		1.0
Isopropyltoluene	< DL		1.0
n-Butylbenzene	< DL		1.0
Naphthalene	< DL		1.0

* DL = Detection Limit

EXPRESSLAB

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SPECIALIZING IN ENVIRONMENTAL SOIL TESTS

NEW YORK STATE LABORATORY #11369

LABORATORY REPORT - 8270 Water

Cust	Nature's Way Inc.
Address:	11796 Genesee Street
	Alden, NY 14004
Attn:	Russ Savage
Phone	716-937-6527
FAX	716-937-6527

PO Number:	2424 Hamburg Tpk.
Project Number:	
Project Cust:	
Project Site:	Turnpike Auto
Date FAXED:	
Lab Director	

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Detection Limits* = Water=ug/L= ppb*

*See Individual Limits

Results shown are: EPA 8270 Water

Extraction Method: EPA 3550 Solvent Extraction

Analysis Method: EPA 8270 GC MS Ion Trap

Sample ID (LAB)	5476	
Sample ID #1 (CUST)	Test pit #1	
Sample ID #2 (CUST)	rear of building	
Matrix	Water	
Sampled By	Charlie Say	
Date Sampled	11/30/94	11:30
Date Received	12/03/94	10:00
Date Analyzed	12/06/94	09:42
Date Reported	12/06/94	17:53

* ND = Below Detection Limit	Results	Det Limit
Naphthalene	<DL	5.0
Acenaphthylene	<DL	5.0
Acenapthene	<DL	5.0
Fluorene	<DL	5.0
Phenanthrene	<DL	5.0
Anthracene	<DL	5.0
Fluoranthene	<DL	5.0
Pyrene	<DL	5.0
Benzo(a)anthracene	<DL	5.0
Benzo(k)fluoranthene	<DL	5.0
Benzo(a)pyrene	<DL	5.0
Indeno(123-cd)pyrene	<DL	5.0
Dibenzo(a,h)anthracene	<DL	5.0
Benzo(ghi)perylene	<DL	5.0
Benzo(b)fluoranthene	<DL	5.0
Chrysene	<DL	5.0

EXPRESSLAB

PO Box 40 5611 Water Street Middlesex NY 14507

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SPECIALIZING IN ENVIRONMENTAL SOIL TESTS

NEW YORK STATE LABORATORY #11369

LABORATORY REPORT - METHOD 8021

Cust **Nature's Way Inc.**
Address: **11796 Genesee Street**
Alden, NY 14004
Attn: **Russ Savage**

Phone 716-937-6527
FAX 716-937-6527

PO Number: **2424 Hamburg Tpk.**
Project Number:
Project Cust:
Project Site: **Turnpike Auto**
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print
Detection Limits* = Soil=ug/kg ppb
*See Individual Limit Water=ug/L ppb

Results shown are: **Volatile Organics**
Extraction Method: **EPA 5030 Purge & Trap**
Analysis Method: **EPA 8021 GC PID**

Sample ID (LAB)	5477	
Sample ID#1(CUST)	**Test pit #2**	
Sample ID#2CUST)	**West end of building**	
Matrix	Water	
Sampled By	**Charlie Say**	
Date Sampled	**11/30/94**	01:10
Date Received	**12/03/94**	10:00
Date Analyzed	**12/07/94**	
Date Reported	**12/07/94**	

	Results	Det Limit*
MTBE	**< DL**	1.0
Benzene	**< DL**	1.0
Toluene	**< DL**	1.0
Ethylbenzene	**< DL**	1.0
m&p-Xylene	**< DL**	2.0
o-Xylene	**< DL**	1.0
Isopropylbenzene	**< DL**	1.0
n-Propylbenzene	**< DL**	1.0
1,3,5-Trimethylbenzene	**< DL**	1.0
1,2,4-Trimethylbenzene	**< DL**	1.0
sec-Butylbenzene	**< DL**	1.0
Isopropyltoluene	**< DL**	1.0
n-Butylbenzene	**< DL**	1.0
Naphthalene	**< DL**	1.0

* DL = Detection Limit

EXPRESSLAB

PO Box 40 5611 Water Street Middlesex NY 14507

Tel: (716) 554-5347 Tel: (800) THE LABS Tel: (800) 843-5227 FAX: (716) 554-4114

SPECIALIZING IN ENVIRONMENTAL SOIL TESTS

NEW YORK STATE LABORATORY #11369

LABORATORY REPORT - 8270 Water

Cust	Nature's Way Inc.
Address:	11796 Genesee Street
	Alden, NY 14004
Attn:	Russ Savage
Phone	716-937-6527
FAX	716-937-6527

PO Number:	2424 Hamburg Tpk.
Project Number:	
Project Cust:	
Project Site:	Turnpike Auto
Date FAXED:	
Lab Director	

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Detection Limits* = Water=ug/L= ppb*

*See Individual Limits

Results shown are:	EPA 8270 Water
Extraction Method:	EPA 3550 Solvent Extraction
Analysis Method:	EPA 8270 GC MS Ion Trap

Sample ID (LAB)	5477	
Sample ID #1 (CUST)	Test pit #2	
Sample ID #2 (CUST)	West end of building	
Matrix	Water	
Sampled By	Charlie Say	
Date Sampled	11/30/94	01:10
Date Received	12/03/94	10:00
Date Analyzed	12/06/94	10:37
Date Reported	12/06/94	18:11

* ND = Below Detection Limit	Results	Det Limit
Naphthalene	<DL	5.0
Acenaphthylene	<DL	5.0
Acenapthene	<DL	5.0
Fluorene	<DL	5.0
Phenanthrene	<DL	5.0
Anthracene	<DL	5.0
Fluoranthene	<DL	5.0
Pyrene	<DL	5.0
Benzo(a)anthracene	<DL	5.0
Benzo(k)fluoranthene	<DL	5.0
Benzo(a)pyrene	<DL	5.0
Indeno(123-cd)pyrene	<DL	5.0
Dibenzo(a,h)anthracene	<DL	5.0
Benzo(ghi)perylene	<DL	5.0
Benzo(b)fluoranthene	<DL	5.0
Chrysene	<DL	5.0

5476 5477 MANILLA COPY

40 5611 Water Street Middlesex NY 14507
Tel: 1-800-843-5227 FAX 1-716-554-4114

WORKORDER NYS

SPECIALIZING IN ENVIRONMENTAL SOILS TESTS
NY STATE CERTIFIED LAB #11369

12-7-94

CUSTOMER: Nature's Way Inc
ADDRESS: 11796 Genesee St.
CITY: Alden, NY 14004
STATE/ZIP: NY, 14004
PHONE: (716) 937-6527
FAX: same
CONTACT: R. Savage

PO NUMBER: 2424 Hamburg Tpk
PROJECT NO.:
PROJECT CUST.:
PROJECT SITE: Turnpike Auto

SEND RESULTS: ☒ FAX ☐ EXPR MAIL
PHONE RESULTS: ☐ YES ☐ NO

SAMPLE DEMOGRAPHICS AND TESTS REQUIRED

8020 BTEX + MTDE	8270 (Stars)	FULL TCLP	
8021 + MTBE	625	TCLP LESS HERBS & PESTS	
503.1	PCB's	TCLP VOLATILES	
TPH GASOLINE	602	TCLP SEMI-VOLATILES	
TPH DIESEL	624	8 RCRA METALS (TCLP)	
8240	TOX	HERBICIDES	
8260 (Stars)	LEAD ONLY	PESTICIDES	
8260		REACTIVITY	
8 RCRA METALS (DIRECT)		COROSIVITY	(DIESEL)
		FLASH POINT	(GAS OR OIL)

SUSPECT:

SPECIAL INSTRUCTIONS: 7 Day TAT

LIST ANALYSIS REQUIRED

DATE	TIME	SAMPLE DESCRIPTION / LOCATION / MATRIX	8021 +MTBE	8270 PNA's only				
11/30/94	11:30	Test Pit #1, Rear of Bldg. (water)	X	X				
11/30/94	1:10	Test Pit #2, West End of Bldg. (water)	X	X				

CHAIN OF CUSTODY RECORD

of SAMPLES 2 # of CONTAINERS 6 (3 - 40 MLS / water)
SAMPLED BY: Charlie Say
SIGNATURE: Charlie Say Jr.
NAME: Charlie Say
DATED: 12/2/94 TIME: 12:15 PM
HOW SENT: ☒ EXP MAIL ☐ HAND CARRY
SIGNATURE 2: Charlie Say Jr.
NAME 2:
DATED 2: / / TIME: :
HOW SENT 2: ☐ EXP MAIL ☐ HAND CARRY

SAMPLES RECEIVED BY: E. Queen Sav
SIGNATURE: Queen a Kepper
NAME:
DATE: 12/3/94 TIME: 10:00
HOW REC'D.: ☒ EXP MAIL ☐ HAND CARRY
FREIGHT IN: $
LOGGED IN: 12/5/94 TIME: 9:55
SAMPLE COND.: SAMPLE TEMP.: 50.9
LAB NOTES:

White-Lab, Yellow-Customer, Hard-Lab

RESULTS WHEN YOU WANT THEM

file

New York State Department of Environmental Conservation
270 Michigan Avenue, Buffalo, New York 14203-2999
(716) 851-7220

Langdon Marsh
Commissioner

December 8, 1994

Mr. Herbert M. Siegel
Siegel, Kelleher and Kahn
426 Franklin Street
Buffalo, New York 14202

Dear Mr. Siegel:

Spill Number 9407600
2424 Hamburg Turnpike
Lackawanna
Erie County

I am in receipt of a letter dated December 7, 1994 submitted by Mr. Russel Savage of Nature's Way, Inc., regarding the above-noted site. Mr. Savage states that I was aware of the excavation of two test pits on November 30, 1994 on site. I was not notified that work was to occur on the site. I specifically requested that I be made aware of the date and time of this activity. Please provide a site map with locations of the test pits on it.

You must cover the soil to prevent rain and snow build up in the contaminated soil pile. This will limit contaminated water runoff from the soil pile. In addition, you must design a collection and treatment system for the runoff water.

As I stated in my recent letter, NYSDEC cannot change the status of a site until all remediation has been completed. Please respond to this letter by December 21, 1994. If you have any questions, please call me at 851-7220.

Sincerely,

Francine Gallego

Francine Gallego
Environmental Engineer I

FG:vm

cc: David A. Siegel, Esquire

Spill Number 9407600

Date

SPILL CONTINUATION SHEET

Date	Comments
12/7/94	John Balcarczyk with the City of Lackawanna called to complain about 2424 Hamburg The site. He said contractor never got required permits for UST Removal from City. He said citizens have been complaining about storage of soils at site. He wants NYSDEC to require removal of soils. 827-6425.

FAX

New York State
Department of Environmental Conservation
Spill Response Unit
Region 9

DATE: 12/6/94

NUMBER OF PAGES BEING SENT ~~X~~ 3 (INCLUDING THIS ONE)

SENT TO: JOHN BALCARCZYK

CITY OF LACKAWANNA

FAX NUMBER: 827-~~6425~~ 6665

FROM: MARK SORGI NYS-DEC

MESSAGE: LAST LETTER RE: 2424 HAMBURG TURNPIKE.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
270 MICHIGAN AVENUE, BUFFALO, NEW YORK 14203-2999
(716)851-7220, TELECOPY(716)851-7252

JOHN B.
827-6425


Ashland
Pest Control
COUNTER
ATTACK
GAS

New York State Department of Environmental Conservation
270 Michigan Avenue, Buffalo, New York 14203-2999
(716) 851-7220

Langdon Marsh
Commissioner

Post-It™ brand fax transmittal memo 7671 | # of pages ▸ 2

To JOHN BALCARCZYK	From MARK SORGI
Co. CITY OF LACK.	Co. NYS - DEC
Dept.	Phone # 851-7220
Fax # 827-6665	Fax #

Mr. Herbert M. Siegel
Siegel, Kelleher and Kahn
426 Franklin Street
Buffalo, New York 14202

Dear Mr. Siegel:

Spill Number 9407600
2424 Hamburg Turnpike
Lackawanna
Erie County

On November 25, 1994, I received your bioremediation proposal for the contaminated soils from the above-referenced site from Mr. Russel Savage of Nature's Way, Inc. The following lists items which must be addressed before NYSDEC can approve this system:

1. Analytical - The holding times for EPA Method 8021 analysis on the stained west side, tank pit bottom and sides and test pit have been exceeded. You must collect another sample in these areas and have them analyzed for EPA Method 8021. Please contact me prior to collection so that I can be present.

2. A test pit was dug five to seven feet deep at the former island on site. Was soil excavated to this depth? If not, further remediation may be necessary.

3. Another test pit will be dug behind the property. Please provide the date this will occur so that NYSDEC can be present. Please provide a site map to show buildings where excavations occurred and where soil is to be treated.

4. The bioremediation proposal submitted is not specific to this site. There is also no schedule for work completion, i.e. when will bioremediation begin for nutrient/bacteria addition, tilling and sampling schedule. Please provide a site-specific proposal along with a schedule.

5. The bioremediation soil pile on site has no berming to prevent runoff. An adequate berm must be placed as currently, there is runoff being generated from the contaminated soils discharging to the street and adjacent properties.

6. Per my September 6, 1994 letter, you must analyze the soil every two months for EPA Methods 8021 and 8270. You must also analyze the soil for TCLP benzene, ignitability, 8021 and 8270 before treatment begins. All analytical data must be submitted to this office.

7. Please submit product information and MSDS on these bacterial formulations.

8. Please notify NYSDEC when you plan on collecting final samples so that we can be present.

9. What soil conditioning agents and pH adjustments were added to this soil and how was this determined?

10. You must submit a scrap disposal receipt for the underground storage tanks removed from the site.

NYSDEC is unable to submit a letter changing the status of this site as the remediation has not been completed. Please submit the above-requested information by December 19, 1994. If you should have any questions, please call me at 851-7220.

Sincerely,

Francine Gallego

Francine Gallego
Environmental Engineer I

FG:vm

cc: David Siegel, Esquire
300 Main St.
Bflo, NY 14202

FAX

New York State
Department of Environmental Conservation
Spill Response Unit
Region 9

DATE: 12/2/94

NUMBER OF PAGES BEING SENT 4 (INCLUDING THIS ONE)

SENT TO: Margaret Prevost
ELAP Approval Program

FAX NUMBER: (518) 485-5565

FROM: Francine Gallego - NYSDEC

MESSAGE: Attached is a laboratory report which exceeds the holding time for EPA Method 8021. Please call me with any questions

CONFIDENTIALITY NOTICE

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
270 MICHIGAN AVENUE, BUFFALO, NEW YORK 14203-2999
(716)851-7220, TELECOPY(716)851-7252

Spill Number 9407600

Date

SPILL CONTINUATION SHEET

Date	Comments
11/22/94	FJ site visit. Part of the contaminated soil placed in bio beds. Majority of soil not set up. Soil blowing off site. No berming to prevent runoff.

9407600 11/22/94
Contamin soil

9407600 11/22/94
Biopile

9407600 11/22/94
Biopile

9407600 11/22/94
Biopile

Spill Number 9407600

Date

SPILL CONTINUATION SHEET

Date	Comments
11/21/94	FG reviewed submitted package for 2424 Hamburg Turnpike. The dates of analysis were not written on the data report. According to Dennis Cichowski, with Lozier, the holding times may have been exceeded. He is to check on this specifically and get back to me. A test pit was dug 5'-7' at the former pump island - it is not clear if the excavation was that deep. - Will be excavating another test pit for sampling behind property on 11/22/94. - Generic Brown proposal submitted, not specific, no schedule for site work

Siegel, Kelleher & Kahn

Attorneys and Counselors at Law

426 Franklin Street · Buffalo, New York 14202
(716) 881-5800 · FAX: (716) 885-3369
Toll Free: 1-(800)-888-5288

HERBERT M. SIEGEL
J. MICHAEL KELLEHER
MARK G. HIRSCHORN
DENNIS ALAN KAHN
BRIAN R. WELSH
STEVEN G. WISEMAN
TIMOTHY G. O'CONNELL
KENNETH I. FEINMAN
ROSS T. RUNFOLA
ROBERT D. STEINHAUS
STEPHEN R. SILVERSTEIN
ANGELO J. MORINELLO
JOAN WARREN
KENNETH A. OLENA
BOYD L. EARL
JEFFREY S. KRAJEWSKI
MICHELLE G. CHAAS
ELISSA M. HANAS

J. KEVIN LAUMER
THOMAS CALANDRA
JAMES D. BELL
DAVID PAUL LOSI
WILLIAM N. NAPLES
LEROI C. JOHNSON
EMIL J. CAPPELLI
R. THOMAS BERGASSER, P.C.
RICHARD E. DALY
" NEIL W. SIEGEL
ROBERT RIORDAN
STEPHEN GASSMAN
BARRY FISHER
"' FLORENCE M. FASS
OF COUNSEL
' ALSO ADMITTED IN PA
" ADMITTED IN OHIO
"' ALSO ADMITTED IN VT

November 17, 1994

RECEIVED
NOV 21 1994
N.Y.S. DEPT. OF ENVIRONMENTAL CONSERVATION REGION 9

RM 1
PS

Russel J. Savage
President
NATURE'S WAY INC.
11796 Genesee Street
Alden, NY 14004

Re: Spill Number 9407600
2424 Hamburg Turnpike

Dear Russ:

After speaking to you this morning in regard to your removal of the soil, I had a telephone call from Ms. Francine Gallego of the NYS Department of Environmental Conservation wherein she informed me she had not received the analytical data from the site, the bioremedial proposal or the workplan and schedule.

She informed me she had spoken to you two days ago and that the soil was going to be removed that day. That has not occurred.

I would appreciate your immediate cooperation with Ms. Gallego in this matter. We want an expedient resolution to this situation.

Very truly yours,

SIEGEL, KELLEHER & KAHN

Herbert M. Siegel

HMS/jag

cc: Francine Gallego, NYS DEC
David A. Siegel, Esq.

New York State Department of Environmental Conservation
270 Michigan Avenue, Buffalo, New York 14203-2999
(716) 851-7220

Langdon Marsh
Commissioner

November 17, 1994

Mr. Herbert Siegel
426 Franklin Street
Buffalo, New York 14202

Dear Mr. Siegel:

Spill Number 9407600
2424 Hamburg Turnpike
Lackawanna
Erie County

You have exceeded the 60-day limit for on-site storage of petroleum-contaminated soils at this site. Soils were generated on September 2, 1994. Therefore, you must dispose of the soils.

Please arrange for disposal as soon as possible. You must submit all analytical data generated to date as further remediation may be necessary. Please submit your disposal receipt for the soil by December 2, 1994.

If you have any questions, please contact me at 851-7220.

Sincerely,

Francine Gallego
Environmental Engineer I

FG:vm

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

(1) RML 1
FG 1

November 14, 1994

Ms. Francine Gallego
NYSDEC, Region 9
270 Michigan Ave.
Buffalo, New York 14203-2999

9407600

Re: ESTATE OF SIEGEL PROPERTY
2424 HAMBURG TURNPIKE (RT 5)
LACKAWANNA, N.Y.
Submission of Excavation and Contaminated Soil Analytical Testing Results;
Submission of Associated Site Risk Assessment;
Request for Inactive Site Designation;

Dear Francine,

As you know, we recently (September 6 - 22, 1994) removed three 10K U.S.T.'s and associated piping, island, and contaminated soils at the above Site. Enclosed please find analytical test results for the bottom/sides of the tank excavation at the above Site after the removal of all accessible contaminated soils. As is shown by the attached analytical data, and based on all presently available data and observations, the Site meets current NYSDEC cleanliness guidelines with some minor exceptions as detailed below. The following is a description of Work Performed, Site characteristics, Conclusions, and Risk Assessment, based on these conclusions for the subject Site:

As is shown by the attached analytical (Attachment #1), with the exception of a stained area of soil beneath the building located On-Site, contaminant levels in the tank excavation are below present NYSDEC guidelines, indicating that all accessible soils in the tank excavation area of concern were removed (approx. 475 cubic yards total).

Also, as you are aware, and as per your request, we removed the former dispensing island at the Site, and excavated a test pit directly beneath this area, and obtained a soil sample to confirm whether contamination above DEC guidelines existed in this potential area of concern. Although field observations (dark soil/slag appearance and very slight odor) indicated that this area might be contaminated, analytical results (Attachment #1) show that contaminant levels in these soils were below DEC guideline values.

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

November 14, 1994

In addition, as per your request since not all contaminated soils were accessible for removal (a stained area remained beneath the Site building), we excavated two other test pits:

one just beyond the fence at the rear (south side) of the tank excavation area; and

one at the far (southwest corner) end of the Site building;

to demonstrate that the residual contamination known to be present beneath the Site building did not extend in other directions beyond the building, and was not of significant impact to soils/groundwater outside the building footprint. We obtained a water sample (shallow groundwater-probable trapped surficial drainage water was encountered in both test pits at approx. 8.0' BGS) from each test pit to confirm whether contamination above DEC guidelines existed in these areas. Field observations (appearance, odor, sheen) gave no indication of the presence of contamination. Unfortunately, it was only recently discovered that analytical results for these two samples were not available, due to miscommunication regarding sample identification, resulting in the holding times (1 week) for these samples to be exceeded. In order to complete analytical confirmation of Site conditions at these two locations, we will re-excavate and resample these two test pits on Nov. 22, 1994, and we will forward results of analysis as soon as they become available (1 week - Expresslabs).

Nature's Way Inc. has been contracted to bioremediate the contaminated soil, and setup for treatment will begin the week of Nov. 14 - 18, 1994. The soil will undergo active above-ground biological treatment as per standard operating procedure for bioremedaition of petroleum contaminated soils (copy of SOP attached - Attachment #2), weather permitting, until such time that NYSDEC criteria for permanent retention/reuse of the soil as fill on-site are met, with interim sampling during treatment if/as required.

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

November 14, 1994

We will sample the soil under treatment as per standard operating procedures for TCLP Benzene, ignitability, 8021, and 8270, and results will be forwarded as soon as they are available.

Also enclosed for your records are analytical results for post-carbon filtration/aeration treated contaminated water previously contained in the tank excavation and placed in above ground holding tanks until treatment and analysis for discharge was completed (Attachment #3 - please note that these results were submitted previously prior to surface discharge of the subject treated water - copy of letter attached). These results show that NYSDEC groundwater limits were met prior to surface discharge of the treated water.

While contaminant levels slightly above NYSDEC guidlines were found to remain in an area of soils beneath the Site Building, it is our opinion that it is unlikely that the contaminated soils present in that area are impacting soils/groundwater areas outside the building footprint, and constitute no significant present or potential impact to the Environment.

It was determined that no utilities or likely sensitive receptors are present in/around the residually affected area (beneath building) of the Site, and that groundwater is not being used as a source of potable water in the area in general. This would make the presence of residual soils contamination in this area unlikely to pose a significant threat of impact to any sensitive receptors, or the Environment in general.

Based on these findings, and assuming that analytical results from the two test pits confirm that these areas meet DEC guidelines, it is our opinion and conclusion that:

> The small area of isolated low level residual soils contamination present beneath the Site building poses no significant threat of adverse impact to the overall quality of the environment or potential receptors.

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

November 14, 1994

Based on the above data and conclusions, and upon submission of the above-referenced confirmatory test pit analyses, please respond with a letter (address above - copy NWI) assigning a formal designation of "Inactive" to this spill Site, and stating that no further work (other than completion of soil decontamination) will be required at this time. Please call if you should have any questions or comments.

Sincerely,

Russel J. Savage, President
Nature's Way Inc.

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

ATTACHMENT #1
EXCAVATION AND DISPENSING ISLAND TEST PIT ANALYTICAL RESULTS

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CLIENT : NATURE'S WAY
11796 GENESEE STREET
ALDEN, N.Y. 14004

ATTN : RUSS SAVAGE

DATE REC'D. : 09/22/94
LABORATORY NO. : 94094867
REPORT DATE : 10/06/94

RE : 2424 HAMBURG TURNPIKE

SAMPLE INFORMATION

SAMPLE DATE : 09/16-09/20
SAMPLE TIME : 3:15-4:00 PM
NUMBER OF SAMPLES : 3

LOCATION :SEE REFERENCE
TYPE OF SAMPLE:SOILS
SAMPLER :CLIENT

S.T.A.R.S. 8021 - DIRECT

PARAMETER	STAINED AREA W. SIDE	T. PIT BOTTOM /SIDES	TEST PIT	UNITS
BENZENE	17	<1.0	<1.0	ug/kg
ETHYLBENZENE	51	<1.0	<1.0	ug/kg
TOLUENE	21	<1.0	<1.0	ug/kg
m+p-XYLENES	180	<2.0	<2.0	ug/kg
o-XYLENE	8.0	<1.0	<1.0	ug/kg
ISOPROPYLBENZENE	6.2	2.9	<1.0	ug/kg
n-PROPYLBENZENE	10	<1.0	<1.0	ug/kg
p-ISOPROPYL TOLUENE	<1.0	<1.0	<1.0	ug/kg
1,2,4-TRIMETHYL BENZENE	160	<1.0	27	ug/kg
1,3,5-TRIMETHYL BENZENE	64	<1.0	<1.0	ug/kg
n-BUTYLBENZENE	55	<1.0	4.3	ug/kg
sec-BUTYLBENZENE	4.2	<1.0	<1.0	ug/kg
NAPHTHALENE	56	<1.0	20	ug/kg
METHYL t-BUTYL ETHER (MTBE)	<5.0	<5.0	<5.0	ug/kg

Performed by EPA Method 8021 Volatiles per NYSDEC S.T.A.R.S. Program Analyte List Direct on samples on 09/23 and 10/23/94.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

NATURE'S WAY / LAB #940948667

POLYNUCLEAR AROMATIC HYDROCARBONS

PARAMETER	STAINED AREA W. SIDE	T. PIT BOTTOM /SIDES	TEST PIT	METHOD BLANK
NAPHTHALENE	<10	<10	<10	<10
ACENAPHTHYLENE	<10	<10	<10	<10
ACENAPHTHENE	<10	<10	<10	<10
FLUORENE	<10	<10	<10	<10
PHENANTHRENE	<10	<10	<10	<10
ANTHRACENE	<10	<10	<10	<10
FLUORANTHENE	<10	<10	<10	<10
PYRENE	<10	<10	<10	<10
CHRYSENE	<10	<10	<10	<10
BENZO(b) FLUORANTHENE	<10	<10	<10	<10
BENZO(k) FLUORANTHENE	<10	<10	<10	<10
BENZO(a)PYRENE	<10	<10	<10	<10
DIBENZO(a,h) ANTHRACENE	<10	<10	<10	<10
INDENO(1,2,3-cd) PYRENE	<10	<10	<10	<10
BENZO(g,h,i) PERYLENE	<10	<10	<10	<10
BENZO(a) ANTHRACENE	<10	<10	<10	<10
SURROGATE RECOVERIES :				
NITROBENZENE-d5	61	51	61	74
2FLUOROBIPHENYL	56	46	51	63
TERPHENYL	75	54	69	68

Analysis performed by EPA Method 8270 Base-Neutrals (PNA'S) per NYSDEC S.T.A.R.S. program memo #1 listing on TCLP Extractions on 09/28/94.

Results expressed in ug/l.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

CHAIN OF CUSTODY RECORD

Name: Natures Way Inc.

Mailing Address: 11796 Genesee St.
Alden, NY 14004

LABORATORY NO: 4867

Project Name: 2424 HAMBURG TPK

SAMPLE IDENTIFICATION	DATE	TIME	LOCATION	SAMPLE TYPE	ANALYSIS: 8021+MTBE	ANALYSIS: TCLP 8270 PNAS	NUMBER OF CONTAINERS	REMARK
Stained Area Under Bldg	9/16/94	3:15 pm	West side	grab	X	X	1 - 5l	
T. Pit Bottom/Side Comp.	9/16/94	3:15 pm	S. Sanborn	Comp	X	X	1 - 5l	
			grabs					
Test pit @ Formers.	9/20/94	4:00 pm	5 of 7' BGS	comp	X	X	1 - 5l	
			Composite					

SAMPLED BY: SIGN

RELINQUISHED BY:
1 SIGN — DATE 9/22/94 TIME 2:55 pm
2 SIGN — DATE 9-22-94 TIME 5:10
3 SIGN — DATE — TIME
4 SIGN — DATE — TIME

RECEIVED BY:
1 SIGN — DATE 9-22-94 TIME 255
2 SIGN — DATE — TIME
3 SIGN — DATE — TIME
4 SIGN — DATE — TIME

METHOD OF SHIPMENT:

SIGN

RECEIVED FOR LABORATORY BY:
SIGN — DATE 9/22/94 TIME 310

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

ATTACHMENT #2
BIOREMEDIATION - DESCRIPTION
STANDARD OPERATING PROCEDURE

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St. (716) 937-6527
Alden, N.Y. 14004 (716) 937-6140

General Overview Of Bioremediation Process Used By NWI

Bioremediation can be considered for practical purposes to be greatly enhanced natural biodegradation. Biodegradation is the metabolic breakdown of hydrocarbons by numerous types of organisms resulting in end products such as carbon dioxide, water, and organic matter (cell protoplasm,etc.). These metabolic processes are often referred to as mineralization. The bioremediation processes employed by NWI use commercial formulations of specially selected and adapted naturally occurring bacteria, and create an environment which is favorable for growth, reproduction, and hydrocarbon utilization. This is accomplished through supplementation and management of various factors including bacterial population, moisture content, oxygen availability, nutrient loading, and pH. A bacterial suspension is applied to supplement indigenous soil bacteria. Soil to be remediated must be aerated (oxygenated) by one of several means to support degradation. Essential nutrients, in the form of commercial agricultural type fertilizers, must be supplied in the correct ratios to support degradation. Soil conditioning agents such as biodegradable surfactants are also applied as needed to maintain contaminant substrate availability and to act as a cosubstrate and volatilization inhibitor.

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

General Description Of Above Ground Bioremediation Methodology

The following is a brief summary of events and actions to take place during the decontamination procedure.

Soil Preparation For Treatment

The contaminated soil is placed on a plastic liner having it's perimeter supported by hay bales or clean soil to form a burm, to prevent runoff. The contaminated soil is generally spread over a large enough area to provide a maximum depth of 2 feet. Soil conditioning agents and nutrient supplements, in the form of commercial agricultural type fertilizers, necessary pH adjustments, and biodegradable surfactants, will be applied as the soil is placed in the treatment area, or shortly thereafter.

Soil Treatment

Large quantities of an ubiquitous hydrocarbon utilizing bacteria, Bacillus subtilus, will be produced and applied in a liquid suspension to the conditioned soil on site, within the manufacturer's recommended guidelines. The bacteria used are a proven, safe, commercial formulation similar to that used in wastewater treatment for over 20 years. Product information and MSDS sheets on these bacterial formulations is available upon request and confidentiality agreement completion. The bacteria will be applied to the soil using a high volume, high pressure pumping system. Bacterial/nutrient application frequency will initially be at least weekly and then as dictated by the results of soil analysis by NWI. Proper and necessary oxygenation of the contaminated soil to support degradation will be performed as required, usually one to two times per month with standard agricultural type tilling equipment or construction equipment. In addition, we will monitor soil conditions, bacterial populations and contamination levels through soil sample analysis throughout the treatment period to monitor performance. All data will be made available to the NYSDEC for a particular site upon request.

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION
11796 Genesee St. (716) 937-6527
Alden, N.Y. 14004 (716) 937-6140

When NWI has determined by field observsations/instrumentation that cleanliness criteria probably have been achieved, we will perform final sampling/analysis, and notify the appropriate NYSDEC representative of results, and will submit required analytical results to confirm completion of decontamination. Upon confirmation of attainment of cleanup criteria, we will consider site operations complete and provide a written report, analytical data, and request for closure of the project to the NYSDEC within 30 days of completion. If necessary, provisions can be made for a written interim report(s) to be issued.

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION
11796 Genesee St.
Alden, N.Y. 14004
(716) 937-6527
(716) 937-6140

ATTACHMENT #3
TREATED WATER PRE-DISCHARGE ANALYTICAL

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

September 21, 1994

Ms. Francine Gallego/Mr. Sal Calandra
NYSDEC Region 9
270 Michigan Ave.
Buffalo, New York 14203-2999

Re: Herb Siegel Property
2424 Hamburg Tpk.
Lackawanna, N.Y.
Carbon Filtered H2O in 6000 gal Holding Tank - Request for Permission to Release/Discharge

Dear Francine/Sal,

I am forwarding analyses of carbon filtered water contained in the 6000 gal. cap. Holding Tank at the above site, which show the water to be clean/free of petroleum components. We would like to discharge this filtered water to surface immediately, so that we can continue with Site work, so I am faxing this information, and will call to confirm your agreement with the proposed discharge.

Sincerely,

Russel J. Savage, President
Nature's Way Inc.

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CLIENT : NATURE'S WAY, INC
11796 GENESEE STREET
ALDEN, N.Y. 14004

ATTN : RUSS SAVAGE

DATE REC'D. : 09/16/94
LABORATORY NO. : 94094705
REPORT DATE : 09/20/94

RE : 2424 HAMBURG TPK

SAMPLE INFORMATION

SAMPLE DATE	: 09/14/94	LOCATION	:HOLDING TANK
SAMPLE TIME	: 4:15 PM	TYPE OF SAMPLE	:WASTEWATER
NUMBER OF SAMPLES	: 1	SAMPLER	:CLIENT

PURGEABLE AROMATICS

PARAMETER	FILTERED WATER IN TANK	UNITS
BENZENE	<1.0	ug/l
TOLUENE	<1.0	ug/l
CHLOROBENZENE	<1.0	ug/l
ETHYLBENZENE	<1.0	ug/l
m+p-XYLENES	<2.0	ug/l
o-XYLENE	<1.0	ug/l
o-DICHLOROBENZENE	<1.0	ug/l
m-DICHLOROBENZENE	<1.0	ug/l
p-DICHLOROBENZENE	<1.0	ug/l
METHYL t-BUTYL ETHER (MTBE)	<5.0	ug/l
a,a,a-TRIFLUOROTOLUENE: INTERNAL STANDARD % RECOVERY	100	%

Performed by EPA Method 602 Purgeable Aromatics on 09/16/94.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

NATURE'S WAY / LAB #94094705

POLYNUCLEAR AROMATIC HYDROCARBONS

PARAMETER	FILTERED WATER IN TANK	UNITS
NAPHTHALENE	<10	ug/l
ACENAPHTHYLENE	<10	ug/l
ACENAPHTHENE	<10	ug/l
FLUORENE	<10	ug/l
PHENANTHRENE	<10	ug/l
ANTHRACENE	<10	ug/l
FLUORANTHENE	<10	ug/l
PYRENE	<10	ug/l
CHRYSENE	<10	ug/l
BENZO(b) FLUORANTHENE	<10	ug/l
BENZO(k) FLUORANTHENE	<10	ug/l
BENZO(a)PYRENE	<10	ug/l
DIBENZO(a,h) ANTHRACENE	<10	ug/l
INDENO(1,2,3-cd) PYRENE	<10	ug/l
BENZO(g,h,i) PERYLENE	<10	ug/l
BENZO(a) ANTHRACENE	<10	ug/l
SURROGATE RECOVERIES :		
NITROBENZENE-d5	72	%
2FLUOROBIPHENYL	62	%
TERPHENYL	58	%

Analysis performed by EPA Method 8270 Base-Neutrals (PNA'S) on 09/16/94.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES

CHAIN OF CUSTODY RECORD

Client Name: Nature's Way Inc.

Mailing Address: 11796 Genesee St
Alden, NY 14004

LABORATORY NO: 4705

Project Name: 2424 Hamburg Tpk

SAMPLE IDENTIFICATION	DATE	TIME	LOCATION	SAMPLE TYPE	ANALYSIS 602+MTBE	ANALYSIS 8270	NUMBER OF CONTAINERS	REMARK
Filtered H_2O in Holding Tank	9/14/94	4:15 PM	Holding Tank	Grab			2-VOA 1-1.0 litre	@24 Hr RUSH T/A
		RUSH						

SAMPLED BY: Charlie Sang
SIGN

	1	2	3	4
RELINQUISHED BY:	SIGN: Lee Lobz DATE: 9/16/94 TIME: 9:14 am	SIGN DATE TIME	SIGN DATE TIME	SIGN DATE TIME
RECEIVED BY:	SIGN DATE TIME	SIGN DATE TIME	SIGN DATE TIME	SIGN DATE TIME

METHOD OF SHIPMENT:

Lee Lobz
SIGN

RECEIVED FOR LABORATORY BY:

SIGN

DATE: 9/16/94 TIME: 9:14 a.m.

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CLIENT : NATURE'S WAY, INC
11796 GENESEE STREET
ALDEN, N.Y. 14004

ATTN : RUSS SAVAGE

DATE REC'D. : 09/12/94
LABORATORY NO. : 94094607
REPORT DATE : 09/15/94

RE : 2424 HAMBURG TPK

SAMPLE INFORMATION

SAMPLE DATE : 09/09/94
SAMPLE TIME : 3:00 PM
NUMBER OF SAMPLES : 1

LOCATION :10K HOLDING TANK
TYPE OF SAMPLE:WASTEWATER
SAMPLER :CLIENT

PURGEABLE AROMATICS

PARAMETER	FILTERED WATER IN TANK	UNITS
BENZENE	<1.0	ug/l
TOLUENE	<1.0	ug/l
CHLOROBENZENE	<1.0	ug/l
ETHYLBENZENE	<1.0	ug/l
m+p-XYLENES	<2.0	ug/l
o-XYLENE	<1.0	ug/l
o-DICHLOROBENZENE	<1.0	ug/l
m-DICHLOROBENZENE	<1.0	ug/l
p-DICHLOROBENZENE	<1.0	ug/l
METHYL t-BUTYL ETHER (MTBE)	<5.0	ug/l
a,a,a-TRIFLUOROTOLUENE: INTERNAL STANDARD % RECOVERY	90	%

Performed by EPA Method 602 Purgeable Aromatics on 09/13/94.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES, INC.
909 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

NATURE'S WAY / LAB #94094607

POLYNUCLEAR AROMATIC HYDROCARBONS

PARAMETER	FILTERED WATER IN TANK	METHOD BLANK
NAPHTHALENE	<10	<10
ACENAPHTHYLENE	<10	<10
ACENAPHTHENE	<10	<10
FLUORENE	<10	<10
PHENANTHRENE	<10	<10
ANTHRACENE	<10	<10
FLUORANTHENE	<10	<10
PYRENE	<10	<10
CHRYSENE	<10	<10
BENZO(b) FLUORANTHENE	<10	<10
BENZO(k) FLUORANTHENE	<10	<10
BENZO(a)PYRENE	<10	<10
DIBENZO(a,h) ANTHRACENE	<10	<10
INDENO(1,2,3-cd) PYRENE	<10	<10
BENZO(g,h,i) PERYLENE	<10	<10
BENZO(a) ANTHRACENE	<10	<10
SURROGATE RECOVERIES :		
NITROBENZENE-d5	46 %	57 %
2FLUOROBIPHENYL	46 %	57 %
TERPHENYL	47 %	70 %

Analysis performed by EPA Method 8270 Base-Neutrals (PNA'S) on 09/13/94.

Results expressed in ug/l unless otherwise indicated.

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

LOZIER LABORATORIES

CHAIN OF CUSTODY RECORD

Client Name: NATURE'S WAY

Mailing Address:

LABORATORY NO: 4607

Project Name: 2421 HAMBURG TPK

SAMPLE IDENTIFICATION	DATE	TIME	LOCATION	SAMPLE TYPE	ANALYSIS: 602 + MTBE; 8270 - PNAs	NUMBER OF CONTAINERS	REMARK
Filtered H2O in 10K Holding TANK	9/9/94	3:00 pm	10K Holding TANK	grab	X X	2 VOA 1 1.0 L	RUSH 24 HR T/A

SAMPLED BY: SIGN

RELINQUISHED BY:

1 SIGN — DATE 9/12/94 — TIME 2:20 pm

2 SIGN — DATE — TIME

3 SIGN — DATE — TIME

4 SIGN — DATE — TIME

RECEIVED BY:

1 SIGN — DATE — TIME

2 SIGN — DATE — TIME

3 SIGN — DATE — TIME

4 SIGN — DATE — TIME

METHOD OF SHIPMENT:

SIGN

RECEIVED FOR LABORATORY BY:

SIGN — DATE 9/12/94 — TIME 3:00 pm

New York State Department of Environmental Conservation
270 Michigan Avenue, Buffalo, New York 14203-2999
(716) 851-7220

Langdon Marsh
Commissioner

October 3, 1994

Mr. Herbert M. Siegel
Siegel, Kelleher & Kahn
426 Franklin Street
Buffalo, New York 14202

Dear Mr. Siegel:

Spill #9407600
2424 Hamburg Turnpike
Lackawanna
Erie County

Per our recent telephone conversation, you have been considering bioremediating the contaminated soils from the 2424 Hamburg Turnpike Lackawanna site. Please review my September 6, 1994 letter to you requesting sampling, a contract and a workplan if bioremediation is chosen. In addition, you must provide a copy of your lease agreement with the adjacent property owner regarding treatment of contaminated soils to this Office.

Per 6NYCRR Part 360-1.7(b)(4), on-site storage of excavated petroleum contaminated soils is limited to 60 days. The work plan submitted must include the items noted on the attached corrective action plan checklist. If the workplan is not submitted and treatment does not begin within 60 days, then you must dispose of the soil.

Please respond to this letter by October 14, 1994 with your workplan and schedule. If you have any questions, please contact me at 716/851-7220.

Sincerely,

Francine Gallego

Francine Gallego
Environmental Engineer I

FG:vam

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

FAX LEAD SHEET

DATE: 9/21/94

SENT TO: Francine Gallego / Sal Calandra

AT FAX NO.: 851-7252

NO. OF PAGES (INCLUDE LEAD SHEET) 6

FROM (SENT BY): Greg Weber

MESSAGE

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

September 21, 1994

Ms. Francine Gallego/Mr. Sal Calandra
NYSDEC Region 9
270 Michigan Ave.
Buffalo, New York 14203-2999

Re: Herb Siegel Property
2424 Hamburg Tpk.
Lackawanna, N.Y.
Carbon Filtered H2O in 6000 gal Holding Tank - Request for Permission to Release/Discharge

Dear Francine/Sal,

I am forwarding analyses of carbon filtered water contained in the 6000 gal. cap. Holding Tank at the above site, which show the water to be clean/free of petroleum components. We would like to discharge this filtered water to surface immediately, so that we can continue with Site work, so I am faxing this information, and will call to confirm your agreement with the proposed discharge.

Sincerely,

Russel J. Savage, President
Nature's Way Inc.

SEP 21 '94 08:19 LOZIER LABS P.1

LOZIER LABORATORIES, INC.
309 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL. (716) 654-8360
FAX (716) 654-8364

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CLIENT : NATURE'S WAY
11796 GENESEE STREET
ALDEN, N.Y. 14004

ATTN : RUSS SAVAGE

DATE REC'D. : 9/16/94
LABORATORY NO. : PHOP 4705
REPORT DATE : 9/21/94

RE : 2924 Hamburg TPK

SAMPLE INFORMATION

SAMPLE DATE : 9/14/94
SAMPLE TIME : 4:15 pm
NUMBER OF SAMPLES : 1

LOCATION : Holding Tank
TYPE OF SAMPLE : W W
SAMPLER : Client

LABORATORY REPORT

602 w/TMA

8270 INA

Sent 9/19/94

STRICTLY ORGANICS

OHA

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

602

CLIENT:

Nature's Way, Inc.
11796 Genesee St.
Alden, New York 14004

Laboratory No.: 9409 4705
Date Received: 9/16/94
Report Date: 9-22-94

Sample Information

Sample Date: 9/14/94
Sample Time: 415 pm
No. of Samples: 1
Location: Holding Tank 2929 Harbour Pk

Type of Sample: WW
Sampler: Client
Date Analyzed: 9/16/9/94
Analyst: [illegible]

Parameter	Units	Filtered water in Holding Tank
Benzene	ug/L	<1.0
Toluene		
Chlorobenzene		
Ethylbenzene		
Total Xylenes (m=, p=)	m+p	<2.0
	o	<1.0
o-Dichlorobenzene		
m-Dichlorobenzene		
p-Dichlorobenzene		
MT BE		<5.0
a,a,a-Trifluorotoluene Internal Standard % Recovery	%	100

ANALYSIS PERFORMED BY EPA METHOD 602 PURGEABLE AROMATICS

CLIENT:			STARS TCL-8270-PNA						Date Extracted	Date Analyzed
	Nature's Way		Re: 2424 Hanbury TPK			Sample Identification		matrix	9/16	9/16
						Filtered water in N.T.		w.w.		
Laboratory No.	9409470 5								1	
Date Received:	9/14/94									
Report Date	9-23-94									
Date Sampled:	9/14/94									
Time Sampled:	9 Dpm									
Sampler:	Client									
					Concentration ug/L					
CAS NO.	COMPOUND		DL	A	B	C	D	E		
91-20-3	Naphthalene		*10*	< 10						
208-96-8	Acenaphthylene		*10*	< 10						
83-32-9	Acenaphthene		*10*	< 10						
86-73-7	Fluorene		*10*	< 10						
85-01-8	Phenanthrene		*10*	< 10						
120-12-7	Anthracene		*10*	< 10						
206-44-0	Fluoranthene		*10*	< 10						
129-00-0	Pyrene		*10*	< 10						
218-01-09	Chrysene		*10*	< 10						
205-99-2	Benzo(b)fluoranthene		*10*	< 10						
207-08-09	Benzo(k)fluoranthene		*10*	< 10						
50-32-8	Benzo(a)pyrene		*10*	< 10						
53-70-3	Dibenzo(a,h)anthracene		*10*	< 10						
193-39-5	Indeno(1,2,3-cd)pyrene		*10*	< 10						
191-24-2	Benzo(g,h,i)perylene		*10*	< 10						
56-55-3	Benzo(a) anthracene		*10*	< 10						
	Volume Extracted (L):			1 L						
	Final Volume (mL)			1 mL						
	Dilution Factor:									
SURR. RECOV.			QC							
	Nitrobenzene-d5		(39-114)	72						
	2Fluorobiphenyl		(43-116)	62						
	Terphenyl		(33-141)	58						

Analysis Performed By EPA 8270 Base Neutrals (PNA's)

LOZIER LABORATORIES

CHAIN OF CUSTODY RECORD

Client Name: Nature's Way Fa
Mailing Address: 11796 Genesee S
Alden, NY 14004
Project Name: 2424 Hamburg Tpk

LABORATORY NO: 9705

SAMPLE IDENTIFICATION	DATE	TIME	LOCATION	SAMPLE TYPE	ANALYSIS 102+ATAE 8270	NUMBER OF CONTAINERS	REMARK
Filtered H_2O in Holding Tank	9/19/94	4:15 PM	Holding Tank	Grab		2-VOA 1-1.0 liter	24 H RUSH T/
		RUSH					

SAMPLED BY: Charlie Long
SIGN

	1	2	3	4
RELINQUISHED BY:	SIGN 9/16/94 DATE 9:14a TIME	SIGN DATE TIME	SIGN DATE TIME	SIGN DATE TIME
RECEIVED BY:	SIGN DATE TIME	SIGN DATE TIME	SIGN DATE TIME	SIGN DATE TIME

METHOD OF SHIPMENT:
SIGN

RECEIVED FOR LABORATORY BY:
SIGN 9/16/94 DATE 9:14 a m TIME

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

FAX LEAD SHEET # 9407600

DATE: 9/15/94 F 6

SENT TO: SAL CALANDRA / Anyone left in Spills!

AT FAX NO.: 851-7252

NO. OF PAGES (INCLUDE LEAD SHEET) 4 6

FROM (SENT BY): Russ Savage

MESSAGE Please call to confirm OK
AS SOON AS POSSIBLE Thanks
Russ

NATURE'S WAY INC.
ENVIRONMENTAL REMEDIATION

11796 Genesee St.
Alden, N.Y. 14004

(716) 937-6527
(716) 937-6140

September 15, 1994

Ms. Francine Gallego/Mr. Sal Calandra
NYSDEC Region 9
270 Michigan Ave.
Buffalo, New York 14203-2999

Re: Herb Siegel Property
2424 Hamburg Tpk.
Lackawanna, N.Y.
Carbon Filtered H2O in 10000 gal UST - Request for Permission to Release/Discharge

Dear Francine/Sal,

I am forwarding analyses of carbon filtered water contained in the 10000 gal. cap. UST at the above site, which show the water to be clean/free of petroleum components. We would like to discharge this filtered water to surface immediately, so that we can continue with Site work, so I am faxing this information, and will call to confirm your agreement with the proposed discharge.

Sincerely,

Russel J. Savage, President
Nature's Way Inc.

LOZIER LABORATORIES, INC.
100 CULVER ROAD
ROCHESTER, NEW YORK 14609
TEL (716) 654-6350
FAX (716) 654-6354

NEW YORK STATE
APPROVED
ENVIRONMENTAL LABORATORY

CLIENT : NATURE'S WAY
11796 GENESEE STREET
ALDEN, N.Y. 14004

ATTN : RUSS SAVAGE

DATE RECD : 9/12/94
LABORATORY NO. : 9409400#
REPORT DATE :

RE : 2424 Hamburg TPK

SAMPLE INFORMATION

SAMPLE DATE : 9/9/94
SAMPLE TIME : 3 PM
NUMBER OF SAMPLES : 1

LOCATION : 10 K Holding Tank ~~2424 Hamburg TPK~~
TYPE OF SAMPLE : W.W.
SAMPLER : Client

LABORATORY REPORT

#1 - 602 MTBE +
8270 - PNA's

9/13/94 WJ

RUSH - 24 HR
Due 9/13/94

to La

STRICTLY ORGANICS

NYSDOH LAB ID # 10390
acq

ALAN J. LAFFIN
LABORATORY DIRECTOR

Nature's Way, Inc.
11796 Genesee St.
Alden, New York 14004

Laboratory: [illegible]
Date Received: 9/12/94
Report Date: 9/13/94

Sample Information

Sample Date: 9/8/94
Sample Time: 3 00 pm
No. of Samples: 1
Location: 10K Holding Tank 2429 Hamburg

Type of Sample: Water
Sampler: Client
Date Analyzed: 9/13/94
Analyst: [illegible]

Parameter	Units	Filtered water in Tank					
Benzene	mg/l	<1.0					
Toluene							
Chlorobenzene							
Ethylbenzene							
s- o- p- } Total Xylenes	m&p o	<2.0 <1.0					
o-Dichlorobenzene							
m-Dichlorobenzene							
p-Dichlorobenzene							
MTBE		<5.0					
		RUSH-	24 HR	TAT			
		Due	9/13/94				
α,α,α-Trifluorotoluene Internal Standard % Recovery		90					
Acceptance Range: 60 → 132							

NWGEC

CLIENT:	Natures Way Inc.	STARS							Date	Date
					Sample Identification		matrix		Extracted	Analyzed
Laboratory No.	9407467				Filtered water to		water		9/13/94	9/13/94
Date Received:	9-12-94				toxs				↓	↓
Report Date	9-15-94									
Date Sampled:	9-7-94									
Time Sampled:	3pm									
Sampler:	Client									
				Concentration ug/L						
CAS NO.	COMPOUND	DL	A	B	C	D	E	F		
91-20-3	Naphthalene	*10*	<10.	<10						
208-96-8	Acenaphthylene	*10*								
83-32-9	Acenaphthene	*10*								
86-73-7	Fluorene	*10*								
85-01-8	Phenanthrene	*10*								
120-12-7	Anthracene	*10*								
206-44-0	Fluoranthene	*10*								
129-00-0	Pyrene	*10*								
218-01-09	Chrysene	*10*								
205-99-2	Benzo(b)fluoranthene	*10*								
207-08-09	Benzo(k)fluoranthene	*10*								
50-32-8	Benzo(a)pyrene	*10*								
53-70-3	Dibenzo(a,h)anthracene	*10*								
193-39-5	Indeno(1,2,3-cd)pyrene	*10*								
91-24-2	Benzo(g,h,i)perylene	*10*								
56-55-3	Benzo(a) anthracene	*10*	↓	↓						
	Volume Extracted (L):		1000	1000						
	Final Volume (mls)		1	1						
	Dilution Factor:		1	1						
SURR. RECOV.		QC								
	Nitrobenzene-d5	(38-114)	46	57						
	2fluorobiphenyl	(43-116)	46	57						
	Terphenyl	(33-141)	47	70						

Analysis Performed By EPA Method 8270 Base Neutrals - Purge

LOZIER LABORATORIES

CHAIN OF CUSTODY RECORD

Client Name: NATURE'S WAY

Mailing Address:

LABORATORY NO: 4607

Project Name: 2424 HAMBURG TPK

SAMPLE IDENTIFICATION	DATE	TIME	LOCATION	SAMPLE TYPE	ANALYSIS (VOA + NPDES + 624 + PP13)	NUMBER OF CONTAINERS	REMARK
Filtered H2O in 10K Holding TANK	9/12/94 AM	3:00 pm	10K Holding TANK	Grab	X X	2 VOA 1 1.0L	RUSH 24 HR T/A

SAMPLED BY: SIGN

RELINQUISHED BY:	1 SIGN 9/12/94 DATE 5:30 pm TIME	2 SIGN DATE TIME	3 SIGN DATE TIME	4 SIGN DATE TIME
RECEIVED BY:	1 SIGN DATE TIME	2 SIGN DATE TIME	3 SIGN DATE TIME	4 SIGN DATE TIME

METHOD OF SHIPMENT:

SIGN

RECEIVED FOR LABORATORY BY:

SIGN 9/12/94 DATE 2:00 pm TIME

CO·STEEL RECYCLING

We Recycle

Advance Division

28382
INBOUND

Office & Yard: 776 Ohio St., Buffalo, NY 14203
Mailing Address: P.O. Box 1131, Buffalo, NY 14240-1131
Office (716) 847-6200 • Scale (716) 847-6204 • Fax (716) 847-6210

NAME CASH PURCHASE

ADDRESS

DATE SHIPPED	YOUR ORDER NO.	REFERENCE NO.	CARRIER
09/28/94			NATURES WAY
MATERIAL OVERSIZE			CODE 180800006

GROSS 35840 LB

TARE 31500 LB

NET 4340 LB

PAID

TIME IN 11:16

OUT 11:29 09/28/94

MAN ON OFF

PRICE		GT / NT	AMOUNT	ACCOUNT
45		NT	97.65	

SCALE OPERATOR

DRIVER

Recycling Today for a Better Tomorrow

◆ A Division of Co-Steel Inc.

CO·STEEL RECYCLING

We Recycle

Advance Divison

27301
INBOUND

Office & Yard: 776 Ohio St., Buffalo, NY 14203
Mailing Address: P.O. Box 1131, Buffalo, NY 14240-1131
Office (716) 847-6200 • Scale (716) 847-6204 • Fax (716) 847-6210

NAME Natures Way
CASH PURCHASE

ADDRESS

DATE SHIPPED	YOUR ORDER NO.	REFERENCE NO.	CARRIER
09/08/94			
MATERIAL OVERSIZE			1800800006

GROSS 40720 LB

TARE 31420 LB

NET 9300 LB

TIME IN 14:51

OUT 14:58 09/08/94

MAN ON OFF

PAID
SEP 09 1994

PRICE	QT NT	AMOUNT	ACCOUNT
45		209.25	

SCALE OPERATOR

DRIVER

Recycling Today for a Better Tomorrow

◆ A Division of Co-Steel Inc.

CO·STEEL RECYCLING

We Recycle

Advance Division

27681
INBOUND

Office & Yard: 776 Ohio St., Buffalo, NY 14203
Mailing Address: P.O. Box 1131, Buffalo, NY 14240-1131
Office (716) 847-6200 • Scale (716) 847-6204 • Fax (716) 847-6210

NAME CASH PURCHASE

ADDRESS

DATE SHIPPED	YOUR ORDER NO.	REFERENCE NO.	CARRIER
09/15/94			NAT WAY

MATERIAL OVERSIZE — CODE 180800006

GROSS 39740 LB

TARE 31500 LB

NET 8240 LB

TIME IN 14:14

OUT 14:28 09/15/94

PAID

MAN ON OFF

PRICE		AMOUNT	ACCOUNT
45.00	NT	185.40	

SCALE OPERATOR DRIVER

Recycling Today for a Better Tomorrow

◆ A Division of Co-Steel Inc.

Siegel, Kelleher & Kahn

Attorneys and Counselors at Law

426 Franklin Street • Buffalo, New York 14202
(716) 881-5800 • FAX: (716) 885-3369

September 8, 1994

Mr. James Stack
Environmental Chemist I
New York State Department of
Environmental Conservation
270 Michigan Avenue
Buffalo, NY 14203-2999

9407600 RM 1
JES
PG ✓

Re: 2424 Hamburg Turnpike
Petroleum Bulk Storage Number 9-386383

Dear Mr. Stack:

Please be advised that we have begun the removal of the tanks at the above mentioned site, and the work commenced on September 1, 1994.

The job is being done by:

Russ Savage
Nature's Way, Inc.
Environmental Remediation
11796 Genesee Street
Alden, New York 14004

If there is any additional information which you desire, please do not hesitate to contact me.

Thank you for your kind courtesies and cooperation.

Very truly yours,

HERBERT M. SIEGEL

HMS/dvs

cc: David A. Siegel, Esq.

New York State Department of Environmental Conservation
270 Michigan Avenue, Buffalo, New York 14203-2999
(716) 851-7220

file

Langdon Marsh
Commissioner

September 6, 1994

Mr. Herbert Siegel
426 Franklin
Buffalo, New York 14202

Dear Mr. Siegel:

9407600
Spill Number - Not Assigned Yet
2424 Hamburg Turnpike
Lackawanna
Erie County

On September 2, 1994, I discussed remediation requirements and options with you for the above-mentioned spill site. This site involves removal of three underground storage tanks (UST's) and associated soil and water contamination. We require the following for all remediation options:

1. All contaminated material must be removed and stored on site on plastic and covered with plastic.

2. The contaminated material must be sampled for ignitability, TCLP Benzene, and TCLP Lead. The sample results will determine if the material is a non-hazardous waste or a hazardous waste. If the material is non-hazardous, you may proceed with your selected option. If the material is hazardous, please contact us for further information.

3. You must notify us to arrange an inspection of the spill area before backfilling any excavation.

4. You must properly clean the UST's before removing them from the site.

5. You must properly characterize and dispose of all product and bottoms from the tanks.

6. You must properly store and characterize waters from the excavations prior to disposal.

7. You must sample and analyze the excavations. One sample must be collected beneath and on the sides of each UST for EPA Methods 8021 and 8270. If the results are above NYSDEC STARS guidance, further remediation may be necessary.

The following remediation option(s) require additional work as noted:

OPTION 1 - Disposal of Contaminated Material at a Landfill.

1. Your selected sanitary landfill may require additional testing before disposal. You must contact them before moving the waste material.

2. You must use a licensed hauler to transport the contaminated material to your selected landfill.

3. Copies of the landfill disposal receipt and the sample results are to be sent to this Department.

OPTION 2 - Bioremediation of Contaminated Material.

1. Before treatment starts and every two months until treatment is completed, the material must be sampled for EPA Methods 8021 and 8270. The results of this sampling will determine if further treatment is necessary.

2. The treated material must remain on site.

3. A copy of your signed contract with your bioremediation contractor and the workplan must be submitted to this office by September 27, 1994.

4. Bioremediation must start when weather permits. This Department must be notified when you plan to start work.

Your treatment option selection and a work schedule are requested by September 21, 1994. If you have any questions, please contact me at 851-7220.

Sincerely,

Francine Gallego

Francine Gallego
Environmental Engineer I

FG:sz

90 B John Muir Drive
Amherst, New York 14228
(716) 565-0624 • Fax (716) 565-0625

August 10, 2013

Nicole Savage
President
Nature's Way Environmental
3553 Crittenden Road
Alden, NY 14004

Transmitted via email to: Nicole Savage [NSavage@natureswayenv.com]

Subject: Geophysical Survey Results, 2424 Hamburg Turnpike, Lackawanna, NY

Dear Ms. Savage:

1.0 INTRODUCTION

This letter report presents the results of the geophysical investigation performed for Nature's Way Environmental, Inc. in support of their environmental investigation a property located at 2424 Hamburg Turnpike in Lackawanna, NY (the Site).

The geophysical investigation was designed to geophysically characterize the subsurface and focus a follow-up intrusive investigation, if warranted. The information provided herein is intended to assist Nature's Way Environmental with their assessment of potential environmental concerns at the Site. The objective for the geophysical survey was to explore for subsurface anomalies that may relate to a source or pathway of petroleum constituents that were reportedly observed during the installation of a Fiber Optic line adjacent to the Site. AMEC Environment and Infrastructure, Inc. (Amec) performed data acquisition on July 23, 2013 using time domain electromagnetic techniques.

The Site is currently vacant however we understand it previously operated as a retail automotive fuel facility. The survey was limited to the paved portion of the site in the area between Hamburg Turnpike and the Site building.

2.0 METHODOLOGY

A reference grid was installed at the site to facilitate data acquisition along lines spaced three feet apart. The grid was marked with orange and white spray paint with select coordinates labeled to allow subsequent work if necessary. Grid coordinate 100N,100E was established at the south west corner of the Site building. Grid north was taken as the direction parallel the west wall of the building.

The Site was geophysically surveyed using the Geonics EM61. The EM61 unit is a high sensitivity, high resolution time domain electromagnetic (TDEM) metal detector that can detect both ferrous and nonferrous metallic objects. It has an approximate investigation depth of 10 feet. The processing console is contained in a backpack worn by the operator which is interfaced to a digital data logger. The transmitter and two receiver coils are located on a two-wheeled cart that is pulled by the operator.

The device's transmitter coil generates a pulsed primary EM field at a rate of 150 pulses per second, inducing eddy currents into the subsurface. The decay rates of these eddy currents are measured by two, 3.28 foot by 1.64 foot (1 meter by ½ meter) rectangular receiver coils. By taking the measurements at a relatively long time frame after termination of the primary pulse, the response is practically independent of the survey area's terrain conductivity. Specifically, the decay rates of the eddy currents are much longer for metals than for normal soils allowing the discrimination of the two.

EM61 in use (photo not from this site)

Data are collected from the EM61's two receiver coils. One of the receiver coils is located coincident to the transmitter coil. The other receiver coil is located 1.31 feet (0.4 meters) above the transmitter coil. Data from the top receiver coil are stored on Channel 1 of a digital data logger. Data from the bottom receiver coil are stored on Channel 2 of the data logger. Channel 1 and Channel 2 data are simultaneously recorded at each station location. The instrument responses are recorded in units of milliVolts

(mV). Data were recorded digitally by a data logger at a rate of approximately 2 measurements per foot along the survey lines which were spaced 3 feet apart.

3.0 RESULTS

The EM61 data for the site is shown in Figure 1. The color bar to the right of the map indicates the colors associated with the respective measured values. Areas suspected to be free of buried metals are shown as color shades of light blue. All areas exhibiting a response greater than background (0 to 35 mVolts) likely contain buried metals. These areas are depicted in shades of dark blue through yellow on the figure.

Four anomalies are identified that may be related to the reported observation of petroleum impact in the fiber optic manhole (designated as "Verizon manhole on Figure 1). These anomalies are labeled **A** through **D** on the figure. Visual observations during the survey suggested the locations of three former pump islands. Anomalies A through D may be related to remnants of the pump islands (subsurface reinforced concrete pads) or they may be related to UST's, associated appurtenances and/or miscellaneous buried metals. It is possible that any of the additional unlabelled anomalies may be of environmental significance.

Numerous linear anomalies are observed in the geophysical data and are denoted with dashed red lines on Figure 1. These linear anomalies likely are related to buried utility lines. The geophysical survey was conducted over the entire length of the property (approx 460 ft). Additional metal anomalies are observed in the data, many related to observed surface features (ie., fence posts cut at grade, entrance drives, foundations, etc.).

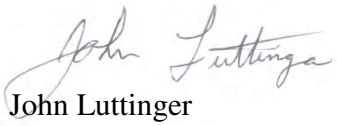
4.0 LIMITATIONS

The geophysical methods used during this survey are established, indirect techniques for non-destructive subsurface reconnaissance exploration. As these instruments utilize indirect methods, they are subject to inherent limitations and ambiguities. Metallic surface features (electrical wires, scrap metal, etc.) preclude reliable non-invasive data/results beneath, and in the immediate vicinity of, the surface features. Targets such as buried drums, buried tanks, conduits, etc. are detectable only if they produce recognizable anomalies or patterns against the background geophysical data collected. As with any remote sensing technique, the anomalies identified during a geophysical survey should be further investigated by other techniques such as historical aerial photography, test pit excavation and/or test boring, if warranted.

Please do not hesitate to contact us if you have any questions or require additional information.

Sincerely yours,

AMEC Environment and Infrastructure, Inc.



John Luttinger
Senior Geophysicist

Hamburg Turnpike

50E 100E

400N 350N 300N 250N 200N 150N 100N 50N 0

TRUCK
CNR
SM
CNR-SM
Concrete Pad
PIPE
SGN
PI
A
TP
C
D
B
Apparent former pump islands
Verizon manhole
Note: 100N, 100E established at SW corner of site building.

291 286 281 277 272 267 263 258 253 248 244 239 234 230 225 220 216 211 206 202 197 192 188 183 178 173 169 164 159 155 150 145 141 136 131 127 122 117 113 108 103 98 94 89 84 80 75 70 66 61 56 52 47 42 38 33 28 23 19 14 9 5 0

Surface or buried metal

Background

EM61 Response
(mVolts)

A Geophysical anomaly discussed in report

Interpreted linear anomaly

Grid North

Scale 1:400
25 0 25
(feet)

Figure 1

Geophysical Survey Results
Color Contours of EM61 Data
(mVolts)

2424 Hamburg Turnpike
Lackawanna, NY
Natures Way Environmental

Amec (716) 998 6973

ATTACHMENT 2

BORING LOGS AND WELL COMPLETION DETAILS

Project No: 0298-014-001

Borehole Number: SB-01

Project: Phase II Environmental Investigation

A.K.A.:

Client: Franklin Asset Management

Logged By: PWW

Site Location: 2424 Hamburg Turnpike

Checked By: BCH

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs (ppm, 0 / 12.5 / 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Gravel Road Base***					0.0		
							0.0		
	-2.0								
	2.0	***Slag*** Brown, moist, mostly fine to coarse slag, brick pieces, trace fine sand, loose when disturbed, massive	S-1	NA	1.3		0.0		
	-4.0								
	4.0	As above, moist to wet (6')					0.0		
5.0			S-2	NA	1.2				
							0.0		
	-8.0								
	8.0	***Lean Clay*** Brown, moist, mostly medium plasticity fines, few fine sand, firm					0.0		
	-9.0								
	9.0	***Organic Soil (Peat)*** Brown, moist, mostly organic soil with wood debris, little medium plasticity fines, firm							
10.0	-10.0		S-3	NA	3.1				
	10.0	***Poorly Graded Sand*** Grey, wet, mostly fine sand, medium dense					0.0		
	-12.0								
	12.0	***Organic Soil (Peat)*** Same as (9-10') interval					0.0		
			S-4	NA	1.1				
15.0							0.0		
	-16.0								
	16.0	End of Borehole							

Drilled By: DDS Companies
Drill Rig Type: Geoprobe 66DT Track Mounted Rig
Drill Method: Direct Push w/ 4' macro-core
Comments:
Drill Date(s): 1-14-14

Hole Size: 2"
Stick-up: NA
Datum: Mean Sea Level

Sheet: 1 of 1

Project No: 0298-014-001

Borehole Number: SB-02

Project: Phase II Environmental Investigation

A.K.A.:

Client: Franklin Asset Management

Logged By: PWW

Site Location: 2424 Hamburg Turnpike

Checked By: BCH

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs (ppm, 0 / 12.5 / 25)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Slag*** Brown, moist, mostly fine to coarse slag, brick pieces, trace fine sand, loose when disturbed, massive	S-1	NA	1.6		0.0, 0.0, 0.0		
	-4.0								
	4.0	As above, moist to wet (7')	S-2	NA	2.9		0.0, 0.0		
5.0									
	-8.0								
	8.0	***Lean Clay*** Brown, moist, mostly medium plasticity fines, few fine sand, firm	S-3	NA	2.2		0.0		
	-10.0								
10.0	10.0	***Organic Soil (Peat)*** Brown, moist, mostly organic soil with wood debris, little medium plasticity fines, firm					0.0		
	-12.0								
	12.0	***Poorly Graded Sand*** Grey, wet, mostly fine sand, medium dense	S-4	NA	3.0		0.0, 0.0		
15.0									
	-16.0								
	16.0	End of Borehole							

Drilled By: DDS Companies
Drill Rig Type: Geoprobe 66DT Track Mounted Rig
Drill Method: Direct Push w/ 4' macro-core
Comments:
Drill Date(s): 1-14-14

Hole Size: 2"
Stick-up: NA
Datum: Mean Sea Level

Sheet: 1 of 1

Project No: 0298-014-001

Borehole Number: SB-03

Project: Phase II Environmental Investigation

A.K.A.:

Client: Franklin Asset Management

Logged By: PWW

Site Location: 2424 Hamburg Turnpike

Checked By: BCH

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs (ppm)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Slag*** Brown, moist, mostly fine to coarse slag, brick pieces, trace fine sand, loose when disturbed, massive	S-1	NA	2.4		0.0, 0.0, 0.0		
	-4.0 / 4.0	As above, moist to wet (6')	S-2	NA	2.1		0.0, 0.0		
5.0	-8.0 / 8.0	***Organic Soil (Peat)*** Brown, moist, mostly organic soil with wood debris, little medium plasticity fines, firm							
	-9.0 / 9.0	***Lean Clay*** Brown, moist, mostly medium plasticity fines, few fine sand, firm	S-3	NA	4.0		0.0, 0.0		
10.0	-11.0 / 11.0	***Poorly Graded Sand*** Grey, wet, mostly fine sand, medium dense	S-4	NA	4.0		0.0, 0.0		
15.0	-16.0 / 16.0	End of Borehole							

Drilled By: DDS Companies
Drill Rig Type: Geoprobe 66DT Track Mounted Rig
Drill Method: Direct Push w/ 4' macro-core
Comments:
Drill Date(s): 1-14-14

Hole Size: 2"
Stick-up: NA
Datum: Mean Sea Level

Sheet: 1 of 1

Project No: 0298-014-001

Borehole Number: SB-04/TMW-01

Project: Phase II Environmental Investigation

A.K.A.:

Client: Franklin Asset Management

Logged By: PWW

Site Location: 2424 Hamburg Turnpike

Checked By: BCH

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE

Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)
0.0	0.0	Ground Surface
	0.0	***Slag*** Brown, moist, mostly fine to coarse slag, brick pieces, trace fine sand, loose when disturbed, massive, slight petro odor @ 1 fbgs
	-4.0	
	4.0	As above, moist to wet (6'), strong petroleum-like odor
5.0		
	-8.0	
	8.0	***Organic Soil (Peat)*** Brown, moist, mostly organic soil with wood debris, little medium plasticity fines, firm, slight petroleum-like odor
	-9.0	
	9.0	***Lean Clay*** Brown, moist, mostly medium plasticity fines, few fine sand, firm
10.0		
	-11.0	
	11.0	***Poorly Graded Sand*** Grey, wet, mostly fine sand, medium dense
15.0		
	-16.0	
	16.0	End of Borehole
20.0		

SAMPLE

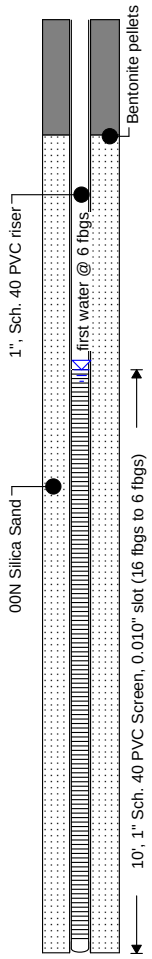
Sample No.	SPT N-Value	Recovery (ft)	Symbol
S-1	NA	2.6	
S-2	NA	2.5	
S-3	NA	3.2	
S-4	NA	3.1	

PID VOCs (ppm: 0 – 500 – 1000)

0.0, 14.7, 22.0, 262.0, 697.0, 44.0, 3.0, 0.0, 0.0, 0.0, 0.0

Lab Sample: Sampled (6-8')

Well Completion Details or Remarks



Drilled By: DDS Companies
Drill Rig Type: Geoprobe 66DT Track Mounted Rig
Drill Method: Direct Push w/ 4' macro-core
Comments:
Drill Date(s): 1-14-14

Hole Size: 2"
Stick-up: NA
Datum: Mean Sea Level

Sheet: 1 of 1

Project No: 0298-014-001

Borehole Number: SB-05/TMW-02

Project: Phase II Environmental Investigation

A.K.A.:

Client: Franklin Asset Management

Logged By: PWW

Site Location: 2424 Hamburg Turnpike

Checked By: BCH

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Slag*** Brown, moist, mostly fine to coarse slag, brick pieces, trace fine sand, loose when disturbed, massive, petroleum-like odor @ 1 fbgs	S-1	NA	2.7		0.0, 147.0, 349.0		
	-4.0 / 4.0	As above, moist to wet (6'), strong petroleum-like odor	S-2	NA	3.0		693.0, 850.0	Sampled (6-8')	
5.0	-8.0 / 8.0	***Organic Soil (Peat)*** Brown, moist, mostly organic soil with wood debris, little medium plasticity fines, firm, slight petroleum-like odor							
	-9.0 / 9.0	***Lean Clay*** Brown, moist, mostly medium plasticity fines, few fine sand, firm, slight petroleum-like odor	S-3	NA	4.0		354.0, 46.0		
10.0	-11.0 / 11.0	***Poorly Graded Sand*** Grey, wet, mostly fine sand, medium dense	S-4	NA	4.0		0.0, 0.0, 0.0		
15.0	-16.0 / 16.0	End of Borehole							

PID VOCs scale: 0 – 500 – 1000 ppm

Well Completion Details: Bentonite pellets; 1", Sch. 40 PVC riser; first water @ 6 fbgs; 00N Silica Sand; 10', 1" Sch. 40 PVC Screen, 0.010" slot (16 fbgs to 6 fbgs)

Drilled By: DDS Companies
Drill Rig Type: Geoprobe 66DT Track Mounted Rig
Drill Method: Direct Push w/ 4' macro-core
Comments:
Drill Date(s): 1-14-14

Hole Size: 2"
Stick-up: NA
Datum: Mean Sea Level

Sheet: 1 of 1

Project No: 0298-014-001

Borehole Number: SB-06

Project: Phase II Environmental Investigation

A.K.A.:

Client: Franklin Asset Management

Logged By: PWW

Site Location: 2424 Hamburg Turnpike

Checked By: BCH

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 / 1000 / 2000)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Gravel Road-Base***					0.0		
	-1.0						212.0		
	1.0	***Slag*** Brown, moist, mostly fine to coarse slag, brick pieces, trace fine sand, loose when disturbed, massive, petroleum-like odors starting @ 2 fbgs	S-1	NA	2.1		1098.0	Sampled (2-4')	
	-4.0								
	4.0	As above, moist to wet (6')					348.0		
5.0			S-2	NA	2.4		369.0		
	-8.0								
	8.0	***Organic Soil (Peat)*** Brown, moist, mostly organic soil with wood debris, little medium plasticity fines, firm					5.3		
	-9.0								
	9.0	***Lean Clay*** Brown, moist, mostly medium plasticity fines, few fine sand, firm	S-3	NA	4.0		0.0		
10.0									
	-11.0								
	11.0	***Poorly Graded Sand*** Grey, wet, mostly fine sand, medium dense					0.0		
			S-4	NA	3.6				
15.0							0.0		
	-16.0								
	16.0	End of Borehole							

Drilled By: DDS Companies
Drill Rig Type: Geoprobe 66DT Track Mounted Rig
Drill Method: Direct Push w/ 4' macro-core
Comments:
Drill Date(s): 1-14-14

Hole Size: 2"
Stick-up: NA
Datum: Mean Sea Level

Sheet: 1 of 1

Project No: 0298-014-001

Borehole Number: SB-07/TMW-03

Project: Phase II Environmental Investigation

A.K.A.:

Client: Franklin Asset Management

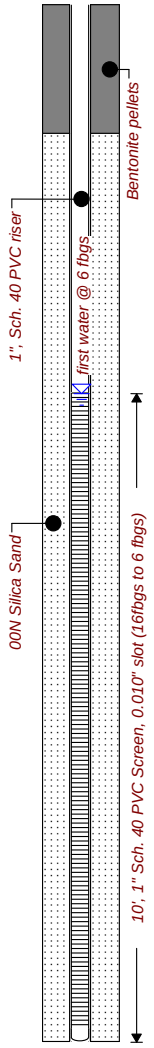
Logged By: PWW

Site Location: 2424 Hamburg Turnpike

Checked By: BCH

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (ftbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Gravel Road-Base***					0.0		
	-1.0						14.0		
	1.0	***Slag*** Brown, moist, mostly fine to coarse slag, brick pieces, trace fine sand, loose when disturbed, massive, slight petroleum-like odors starting @ 2 fbgs	S-1	NA	2.1		67.0	Sampled (2-4')	
	-4.0								
	4.0	As above, moist to wet (6')					12.0		
5.0			S-2	NA	2.4		4.0		
	-8.0								
	8.0	***Organic Soil (Peat)*** Brown, moist, mostly organic soil with wood debris, little medium plasticity fines, firm					0.0		
	-9.0								
	9.0	***Lean Clay*** Brown, moist, mostly medium plasticity fines, few fine sand, firm	S-3	NA	4.0		0.0		
10.0	-11.0								
	11.0	***Poorly Graded Sand*** Grey, wet, mostly fine sand, medium dense					0.0		
			S-4	NA	3.6		0.0		
15.0	-16.0								
	16.0	End of Borehole							



Drilled By: DDS Companies
Drill Rig Type: Geoprobe 66DT Track Mounted Rig
Drill Method: Direct Push w/ 4' macro-core
Comments:
Drill Date(s): 1-14-14

Hole Size: 2"
Stick-up: NA
Datum: Mean Sea Level

Sheet: 1 of 1

Project No: 0298-014-001

Borehole Number: SB-08

Project: Phase II Environmental Investigation

A.K.A.:

Client: Franklin Asset Management

Logged By: PWW

Site Location: 2424 Hamburg Turnpike

Checked By: BCH

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 / 250 / 500)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Concrete***					0.0		
	-0.8								
	0.8	***Slag*** Brown, moist, mostly fine to coarse slag, brick pieces, trace fine sand, loose when disturbed, massive, slight petroleum-like odors starting @ 2 fbgs	S-1	NA	1.7		10.9		
							4.2		
	-4.0								
	4.0	As above, moist to wet (6'), petroleum-like odors							
5.0			S-2	NA	2.4		21.0		
							362.0	Sampled (6-8')	
	-8.0								
	8.0	***Organic Soil (Peat)*** Brown, moist, mostly organic soil with wood debris, little medium plasticity fines, firm, petroleum-like odors							
	-9.0						14.0		
	9.0	***Lean Clay*** Brown, moist, mostly medium plasticity fines, few fine sand, firm	S-3	NA	3.4				
10.0									
	-11.0						4.1		
	11.0	***Poorly Graded Sand*** Grey, wet, mostly fine sand, medium dense							
			S-4	NA	3.0		0.0		
15.0							0.0		
	-16.0								
	16.0	End of Borehole							

Drilled By: DDS Companies
Drill Rig Type: Geoprobe 66DT Track Mounted Rig
Drill Method: Direct Push w/ 4' macro-core
Comments:
Drill Date(s): 1-14-14

Hole Size: 2"
Stick-up: NA
Datum: Mean Sea Level

Sheet: 1 of 1

Project No: 0298-014-001

Borehole Number: SB-09

Project: Phase II Environmental Investigation

A.K.A.:

Client: Franklin Asset Management

Logged By: PWW

Site Location: 2424 Hamburg Turnpike

Checked By: BCH

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs (ppm)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Concrete***					0.0		
	-0.8						246.0		
	0.8	***Slag*** Brown, moist, mostly fine to coarse slag, brick pieces, trace fine sand, loose when disturbed, massive, slight petroleum-like odors starting @ 2 fbgs	S-1	NA	2.0		149.0		
	-4.0								
	4.0	As above, moist to wet (6'), petroleum-like odors					461.0		
5.0			S-2	NA	2.6				
							900.0	Sampled (6-8')	
	-8.0								
	8.0	***Organic Soil (Peat)*** Brown, moist, mostly organic soil with wood debris, little medium plasticity fines, firm, petroleum-like odors							
	-9.0						239.0		
	9.0	***Lean Clay*** Brown, moist, mostly medium plasticity fines, few fine sand, firm, petroleum-like odors	S-3	NA	3.0				
10.0									
	-11.0						211.0		
	11.0	***Poorly Graded Sand*** Grey, wet, mostly fine sand, medium dense, slight petroleum-like odors							
							14.9		
			S-4	NA	3.6				
15.0							4.3		
	-16.0								
	16.0	End of Borehole							

Drilled By: DDS Companies
Drill Rig Type: Geoprobe 66DT Track Mounted Rig
Drill Method: Direct Push w/ 4' macro-core
Comments:
Drill Date(s): 1-14-14

Hole Size: 2"
Stick-up: NA
Datum: Mean Sea Level

Sheet: 1 of 1

Project No: 0298-014-001

Borehole Number: SB-10

Project: Phase II Environmental Investigation

A.K.A.:

Client: Franklin Asset Management

Logged By: PWW

Site Location: 2424 Hamburg Turnpike

Checked By: BCH

TurnKey Environmental Restoration, LLC
2558 Hamburg Turnpike, Suite 300
Buffalo, NY 14218
(716) 856-0635

SUBSURFACE PROFILE			SAMPLE						
Depth (fbgs)	Elev. /Depth	Description (ASTM D2488: Visual-Manual Procedure)	Sample No.	SPT N-Value	Recovery (ft)	Symbol	PID VOCs ppm (0 / 250 / 500)	Lab Sample	Well Completion Details or Remarks
0.0	0.0	Ground Surface							
	0.0	***Concrete***					0.0		
	-0.8								
	0.8	***Slag*** Brown, moist, mostly fine to coarse slag, brick pieces, trace fine sand, loose when disturbed, massive, slight petroleum-like odors starting @ 2 fbgs	S-1	NA	1.2		9.3 21.2		
	-4.0								
	4.0	As above, moist to wet (6'), petroleum-like odors							
5.0			S-2	NA	2.6		106.0 299.0		
	-8.0								
	8.0	***Organic Soil (Peat)*** Brown, moist, mostly organic soil with wood debris, little medium plasticity fines, firm, petroleum-like odors							
	-9.0								
	9.0	***Lean Clay*** Brown, moist, mostly medium plasticity fines, few fine sand, firm	S-3	NA	3.1		96.0 1.3		
10.0	-11.0								
	11.0	***Poorly Graded Sand*** Grey, wet, mostly fine sand, medium dense							
			S-4	NA	4.0		0.0		
15.0							0.0		
	-16.0								
	16.0	End of Borehole							

Drilled By: DDS Companies
Drill Rig Type: Geoprobe 66DT Track Mounted Rig
Drill Method: Direct Push w/ 4' macro-core
Comments:
Drill Date(s): 1-14-14

Hole Size: 2"
Stick-up: NA
Datum: Mean Sea Level

Sheet: 1 of 1

ATTACHMENT 3

LABORATORY ANALYTICAL DATA SUMMARY PACKAGE

ANALYTICAL REPORT

Lab Number:	L1401509
Client:	Benchmark & Turnkey Companies 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Mike Lesakowski
Phone:	(716) 856-0599
Project Name:	2424 HAMBURG TURNPIKE
Project Number:	0298-014-001
Report Date:	01/22/14

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 2424 HAMBURG TURNPIKE
Project Number: 0298-014-001

Lab Number: L1401509
Report Date: 01/22/14

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1401509-01	SB-4 (6-8)	2424 HAMBURG TURNPIKE	01/14/14 11:45
L1401509-02	SB-5 (6-8)	2424 HAMBURG TURNPIKE	01/14/14 12:30
L1401509-03	SB-6 (2-4)	2424 HAMBURG TURNPIKE	01/14/14 14:15
L1401509-04	SB-7 (2-4)	2424 HAMBURG TURNPIKE	01/14/14 13:45
L1401509-05	SB-8 (6-8)	2424 HAMBURG TURNPIKE	01/14/14 16:00
L1401509-06	SB-9 (6-8)	2424 HAMBURG TURNPIKE	01/14/14 16:30

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401509
Project Number: 0298-014-001 **Report Date:** 01/22/14

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	2424 HAMBURG TURNPIKE	**Lab Number:**	L1401509
Project Number:	0298-014-001	**Report Date:**	01/22/14

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

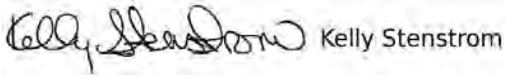
L1401509-04 has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

Semivolatile Organics

The surrogate recoveries for L1401509-02 and -03 are below the acceptance criteria for nitrobenzene-d5, 2-fluorobiphenyl and 4-terphenyl-d14 (all 0%) due to the dilutions required to quantitate the samples. Re-extraction was not required; therefore, the results of the original analyses are reported.

L1401509-03 has elevated detection limits due to the dilution required by the sample matrix.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Kelly Stenstrom

Title: Technical Director/Representative Date: 01/22/14

ORGANICS

VOLATILES

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401509

Project Number: 0298-014-001 **Report Date:** 01/22/14

SAMPLE RESULTS

Lab ID: L1401509-01 D
Client ID: SB-4 (6-8)
Sample Location: 2424 HAMBURG TURNPIKE
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/19/14 16:15
Analyst: BN
Percent Solids: 76%

Date Collected: 01/14/14 11:45
Date Received: 01/15/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	16000	3300	1250
1,1-Dichloroethane	ND		ug/kg	2500	290	1250
Chloroform	ND		ug/kg	2500	610	1250
Carbon tetrachloride	ND		ug/kg	1600	340	1250
1,2-Dichloropropane	ND		ug/kg	5700	370	1250
Dibromochloromethane	ND		ug/kg	1600	500	1250
1,1,2-Trichloroethane	ND		ug/kg	2500	500	1250
Tetrachloroethene	ND		ug/kg	1600	230	1250
Chlorobenzene	ND		ug/kg	1600	570	1250
Trichlorofluoromethane	ND		ug/kg	8200	200	1250
1,2-Dichloroethane	ND		ug/kg	1600	240	1250
1,1,1-Trichloroethane	ND		ug/kg	1600	180	1250
Bromodichloromethane	ND		ug/kg	1600	380	1250
trans-1,3-Dichloropropene	ND		ug/kg	1600	200	1250
cis-1,3-Dichloropropene	ND		ug/kg	1600	210	1250
Bromoform	ND		ug/kg	6600	680	1250
1,1,2,2-Tetrachloroethane	ND		ug/kg	1600	280	1250
Benzene	1000	J	ug/kg	1600	190	1250
Toluene	2300	J	ug/kg	2500	180	1250
Ethylbenzene	14000		ug/kg	1600	240	1250
Chloromethane	ND		ug/kg	8200	1300	1250
Bromomethane	ND		ug/kg	3300	550	1250
Vinyl chloride	ND		ug/kg	3300	230	1250
Chloroethane	ND		ug/kg	3300	520	1250
1,1-Dichloroethene	ND		ug/kg	1600	340	1250
trans-1,2-Dichloroethene	ND		ug/kg	2500	350	1250
Trichloroethene	ND		ug/kg	1600	250	1250
1,2-Dichlorobenzene	ND		ug/kg	8200	300	1250
1,3-Dichlorobenzene	ND		ug/kg	8200	300	1250
1,4-Dichlorobenzene	ND		ug/kg	8200	400	1250
Methyl tert butyl ether	ND		ug/kg	3300	170	1250

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401509

Project Number: 0298-014-001 **Report Date:** 01/22/14

SAMPLE RESULTS

Lab ID: L1401509-01 D Date Collected: 01/14/14 11:45

Client ID: SB-4 (6-8) Date Received: 01/15/14

Sample Location: 2424 HAMBURG TURNPIKE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	12000		ug/kg	3300	530	1250
o-Xylene	600	J	ug/kg	3300	440	1250
cis-1,2-Dichloroethene	ND		ug/kg	1600	240	1250
Styrene	ND		ug/kg	3300	510	1250
Dichlorodifluoromethane	ND		ug/kg	16000	360	1250
Acetone	ND		ug/kg	16000	5100	1250
Carbon disulfide	ND		ug/kg	16000	3300	1250
2-Butanone	ND		ug/kg	16000	580	1250
4-Methyl-2-pentanone	ND		ug/kg	16000	400	1250
2-Hexanone	ND		ug/kg	16000	310	1250
Bromochloromethane	ND		ug/kg	8200	320	1250
1,2-Dibromoethane	ND		ug/kg	6600	290	1250
n-Butylbenzene	26000		ug/kg	1600	320	1250
sec-Butylbenzene	8200		ug/kg	1600	340	1250
1,2-Dibromo-3-chloropropane	ND		ug/kg	8200	1300	1250
Isopropylbenzene	9900		ug/kg	1600	270	1250
p-Isopropyltoluene	4600		ug/kg	1600	310	1250
n-Propylbenzene	48000		ug/kg	1600	210	1250
1,2,3-Trichlorobenzene	ND		ug/kg	8200	280	1250
1,2,4-Trichlorobenzene	ND		ug/kg	8200	1300	1250
1,3,5-Trimethylbenzene	21000		ug/kg	8200	240	1250
1,2,4-Trimethylbenzene	180000		ug/kg	8200	940	1250
Methyl Acetate	ND		ug/kg	33000	1200	1250
Cyclohexane	ND		ug/kg	33000	1800	1250
1,4-Dioxane	ND		ug/kg	160000	28000	1250
Freon-113	ND		ug/kg	33000	450	1250
Methyl cyclohexane	43000		ug/kg	6600	2100	1250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	93		70-130

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401509

Project Number: 0298-014-001 **Report Date:** 01/22/14

SAMPLE RESULTS

Lab ID: L1401509-02 D
Client ID: SB-5 (6-8)
Sample Location: 2424 HAMBURG TURNPIKE
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/19/14 16:43
Analyst: BN
Percent Solids: 82%

Date Collected: 01/14/14 12:30
Date Received: 01/15/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	6100	1200	500
1,1-Dichloroethane	ND		ug/kg	920	110	500
Chloroform	ND		ug/kg	920	230	500
Carbon tetrachloride	ND		ug/kg	610	130	500
1,2-Dichloropropane	ND		ug/kg	2100	140	500
Dibromochloromethane	ND		ug/kg	610	190	500
1,1,2-Trichloroethane	ND		ug/kg	920	190	500
Tetrachloroethene	ND		ug/kg	610	86.	500
Chlorobenzene	ND		ug/kg	610	210	500
Trichlorofluoromethane	ND		ug/kg	3000	74.	500
1,2-Dichloroethane	ND		ug/kg	610	89.	500
1,1,1-Trichloroethane	ND		ug/kg	610	68.	500
Bromodichloromethane	ND		ug/kg	610	140	500
trans-1,3-Dichloropropene	ND		ug/kg	610	74.	500
cis-1,3-Dichloropropene	ND		ug/kg	610	78.	500
Bromoform	ND		ug/kg	2400	250	500
1,1,2,2-Tetrachloroethane	ND		ug/kg	610	100	500
Benzene	800		ug/kg	610	72.	500
Toluene	8300		ug/kg	920	68.	500
Ethylbenzene	14000		ug/kg	610	90.	500
Chloromethane	ND		ug/kg	3000	480	500
Bromomethane	ND		ug/kg	1200	210	500
Vinyl chloride	ND		ug/kg	1200	86.	500
Chloroethane	ND		ug/kg	1200	190	500
1,1-Dichloroethene	ND		ug/kg	610	120	500
trans-1,2-Dichloroethene	ND		ug/kg	920	130	500
Trichloroethene	ND		ug/kg	610	93.	500
1,2-Dichlorobenzene	ND		ug/kg	3000	110	500
1,3-Dichlorobenzene	ND		ug/kg	3000	110	500
1,4-Dichlorobenzene	ND		ug/kg	3000	150	500
Methyl tert butyl ether	ND		ug/kg	1200	64.	500

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401509

Project Number: 0298-014-001 **Report Date:** 01/22/14

SAMPLE RESULTS

Lab ID: L1401509-02 D Date Collected: 01/14/14 12:30

Client ID: SB-5 (6-8) Date Received: 01/15/14

Sample Location: 2424 HAMBURG TURNPIKE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	60000		ug/kg	1200	200	500
o-Xylene	19000		ug/kg	1200	160	500
cis-1,2-Dichloroethene	ND		ug/kg	610	91.	500
Styrene	ND		ug/kg	1200	190	500
Dichlorodifluoromethane	ND		ug/kg	6100	130	500
Acetone	ND		ug/kg	6100	1900	500
Carbon disulfide	ND		ug/kg	6100	1200	500
2-Butanone	ND		ug/kg	6100	220	500
4-Methyl-2-pentanone	ND		ug/kg	6100	150	500
2-Hexanone	ND		ug/kg	6100	120	500
Bromochloromethane	ND		ug/kg	3000	120	500
1,2-Dibromoethane	ND		ug/kg	2400	110	500
n-Butylbenzene	4400		ug/kg	610	120	500
sec-Butylbenzene	1300		ug/kg	610	120	500
1,2-Dibromo-3-chloropropane	ND		ug/kg	3000	480	500
Isopropylbenzene	2100		ug/kg	610	100	500
p-Isopropyltoluene	900		ug/kg	610	120	500
n-Propylbenzene	11000		ug/kg	610	77.	500
1,2,3-Trichlorobenzene	ND		ug/kg	3000	100	500
1,2,4-Trichlorobenzene	ND		ug/kg	3000	480	500
1,3,5-Trimethylbenzene	21000		ug/kg	3000	88.	500
1,2,4-Trimethylbenzene	74000		ug/kg	3000	350	500
Methyl Acetate	ND		ug/kg	12000	470	500
Cyclohexane	ND		ug/kg	12000	660	500
1,4-Dioxane	ND		ug/kg	61000	11000	500
Freon-113	ND		ug/kg	12000	170	500
Methyl cyclohexane	16000		ug/kg	2400	770	500

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	94		70-130

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401509

Project Number: 0298-014-001 **Report Date:** 01/22/14

SAMPLE RESULTS

Lab ID: L1401509-03 D
Client ID: SB-6 (2-4)
Sample Location: 2424 HAMBURG TURNPIKE
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/19/14 17:11
Analyst: BN
Percent Solids: 83%

Date Collected: 01/14/14 14:15
Date Received: 01/15/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	1200	240	1000
1,1-Dichloroethane	ND		ug/kg	180	21.	1000
Chloroform	ND		ug/kg	180	45.	1000
Carbon tetrachloride	ND		ug/kg	120	25.	1000
1,2-Dichloropropane	ND		ug/kg	420	28.	1000
Dibromochloromethane	ND		ug/kg	120	37.	1000
1,1,2-Trichloroethane	ND		ug/kg	180	37.	1000
Tetrachloroethene	ND		ug/kg	120	17.	1000
Chlorobenzene	ND		ug/kg	120	42.	1000
Trichlorofluoromethane	ND		ug/kg	600	15.	1000
1,2-Dichloroethane	ND		ug/kg	120	18.	1000
1,1,1-Trichloroethane	ND		ug/kg	120	13.	1000
Bromodichloromethane	ND		ug/kg	120	28.	1000
trans-1,3-Dichloropropene	ND		ug/kg	120	14.	1000
cis-1,3-Dichloropropene	ND		ug/kg	120	15.	1000
Bromoform	ND		ug/kg	480	50.	1000
1,1,2,2-Tetrachloroethane	ND		ug/kg	120	21.	1000
Benzene	1500		ug/kg	120	14.	1000
Toluene	16000		ug/kg	180	14.	1000
Ethylbenzene	5700		ug/kg	120	18.	1000
Chloromethane	ND		ug/kg	600	94.	1000
Bromomethane	ND		ug/kg	240	41.	1000
Vinyl chloride	ND		ug/kg	240	17.	1000
Chloroethane	ND		ug/kg	240	38.	1000
1,1-Dichloroethene	ND		ug/kg	120	25.	1000
trans-1,2-Dichloroethene	ND		ug/kg	180	26.	1000
Trichloroethene	ND		ug/kg	120	18.	1000
1,2-Dichlorobenzene	ND		ug/kg	600	22.	1000
1,3-Dichlorobenzene	ND		ug/kg	600	22.	1000
1,4-Dichlorobenzene	ND		ug/kg	600	29.	1000
Methyl tert butyl ether	ND		ug/kg	240	12.	1000

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401509

Project Number: 0298-014-001 **Report Date:** 01/22/14

SAMPLE RESULTS

Lab ID: L1401509-03 D Date Collected: 01/14/14 14:15

Client ID: SB-6 (2-4) Date Received: 01/15/14

Sample Location: 2424 HAMBURG TURNPIKE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	21000		ug/kg	240	39.	1000
o-Xylene	8300		ug/kg	240	33.	1000
cis-1,2-Dichloroethene	ND		ug/kg	120	18.	1000
Styrene	ND		ug/kg	240	37.	1000
Dichlorodifluoromethane	ND		ug/kg	1200	26.	1000
Acetone	ND		ug/kg	1200	370	1000
Carbon disulfide	ND		ug/kg	1200	240	1000
2-Butanone	ND		ug/kg	1200	43.	1000
4-Methyl-2-pentanone	ND		ug/kg	1200	30.	1000
2-Hexanone	ND		ug/kg	1200	23.	1000
Bromochloromethane	ND		ug/kg	600	24.	1000
1,2-Dibromoethane	ND		ug/kg	480	21.	1000
n-Butylbenzene	600		ug/kg	120	24.	1000
sec-Butylbenzene	220		ug/kg	120	25.	1000
1,2-Dibromo-3-chloropropane	ND		ug/kg	600	95.	1000
Isopropylbenzene	460		ug/kg	120	20.	1000
p-Isopropyltoluene	140		ug/kg	120	23.	1000
n-Propylbenzene	2500		ug/kg	120	15.	1000
1,2,3-Trichlorobenzene	ND		ug/kg	600	20.	1000
1,2,4-Trichlorobenzene	ND		ug/kg	600	95.	1000
1,3,5-Trimethylbenzene	3300		ug/kg	600	17.	1000
1,2,4-Trimethylbenzene	14000		ug/kg	600	69.	1000
Methyl Acetate	ND		ug/kg	2400	92.	1000
Cyclohexane	ND		ug/kg	2400	130	1000
1,4-Dioxane	ND		ug/kg	12000	2100	1000
Freon-113	ND		ug/kg	2400	33.	1000
Methyl cyclohexane	1800		ug/kg	480	150	1000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	90		70-130

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401509

Project Number: 0298-014-001 **Report Date:** 01/22/14

SAMPLE RESULTS

Lab ID: L1401509-04 D
Client ID: SB-7 (2-4)
Sample Location: 2424 HAMBURG TURNPIKE
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/19/14 17:39
Analyst: BN
Percent Solids: 86%

Date Collected: 01/14/14 13:45
Date Received: 01/15/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	580	120	50
1,1-Dichloroethane	ND		ug/kg	87	10.	50
Chloroform	ND		ug/kg	87	22.	50
Carbon tetrachloride	ND		ug/kg	58	12.	50
1,2-Dichloropropane	ND		ug/kg	200	13.	50
Dibromochloromethane	ND		ug/kg	58	18.	50
1,1,2-Trichloroethane	ND		ug/kg	87	18.	50
Tetrachloroethene	ND		ug/kg	58	8.2	50
Chlorobenzene	ND		ug/kg	58	20.	50
Trichlorofluoromethane	ND		ug/kg	290	7.0	50
1,2-Dichloroethane	ND		ug/kg	58	8.5	50
1,1,1-Trichloroethane	ND		ug/kg	58	6.4	50
Bromodichloromethane	ND		ug/kg	58	13.	50
trans-1,3-Dichloropropene	ND		ug/kg	58	7.0	50
cis-1,3-Dichloropropene	ND		ug/kg	58	7.4	50
Bromoform	ND		ug/kg	230	24.	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	58	9.9	50
Benzene	83		ug/kg	58	6.9	50
Toluene	260		ug/kg	87	6.5	50
Ethylbenzene	250		ug/kg	58	8.6	50
Chloromethane	ND		ug/kg	290	46.	50
Bromomethane	ND		ug/kg	120	20.	50
Vinyl chloride	ND		ug/kg	120	8.2	50
Chloroethane	ND		ug/kg	120	18.	50
1,1-Dichloroethene	ND		ug/kg	58	12.	50
trans-1,2-Dichloroethene	ND		ug/kg	87	12.	50
Trichloroethene	ND		ug/kg	58	8.8	50
1,2-Dichlorobenzene	ND		ug/kg	290	11.	50
1,3-Dichlorobenzene	ND		ug/kg	290	11.	50
1,4-Dichlorobenzene	ND		ug/kg	290	14.	50
Methyl tert butyl ether	ND		ug/kg	120	6.0	50

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401509

Project Number: 0298-014-001 **Report Date:** 01/22/14

SAMPLE RESULTS

Lab ID: L1401509-04 D Date Collected: 01/14/14 13:45

Client ID: SB-7 (2-4) Date Received: 01/15/14

Sample Location: 2424 HAMBURG TURNPIKE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	1400		ug/kg	120	19.	50
o-Xylene	480		ug/kg	120	16.	50
cis-1,2-Dichloroethene	ND		ug/kg	58	8.7	50
Styrene	ND		ug/kg	120	18.	50
Dichlorodifluoromethane	ND		ug/kg	580	13.	50
Acetone	ND		ug/kg	580	180	50
Carbon disulfide	ND		ug/kg	580	120	50
2-Butanone	ND		ug/kg	580	21.	50
4-Methyl-2-pentanone	ND		ug/kg	580	14.	50
2-Hexanone	ND		ug/kg	580	11.	50
Bromochloromethane	ND		ug/kg	290	11.	50
1,2-Dibromoethane	ND		ug/kg	230	10.	50
n-Butylbenzene	230		ug/kg	58	11.	50
sec-Butylbenzene	60		ug/kg	58	12.	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	290	46.	50
Isopropylbenzene	46	J	ug/kg	58	9.7	50
p-Isopropyltoluene	56	J	ug/kg	58	11.	50
n-Propylbenzene	230		ug/kg	58	7.3	50
1,2,3-Trichlorobenzene	ND		ug/kg	290	9.8	50
1,2,4-Trichlorobenzene	ND		ug/kg	290	46.	50
1,3,5-Trimethylbenzene	960		ug/kg	290	8.3	50
1,2,4-Trimethylbenzene	3100		ug/kg	290	33.	50
Methyl Acetate	ND		ug/kg	1200	44.	50
Cyclohexane	ND		ug/kg	1200	62.	50
1,4-Dioxane	ND		ug/kg	5800	1000	50
Freon-113	ND		ug/kg	1200	16.	50
Methyl cyclohexane	390		ug/kg	230	73.	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	95		70-130

Project Name: 2424 HAMBURG TURNPIKE
Lab Number: L1401509
Project Number: 0298-014-001
Report Date: 01/22/14

SAMPLE RESULTS

Lab ID: L1401509-05 D
Client ID: SB-8 (6-8)
Sample Location: 2424 HAMBURG TURNPIKE
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/19/14 18:06
Analyst: BN
Percent Solids: 64%

Date Collected: 01/14/14 16:00
Date Received: 01/15/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	7800	1600	500
1,1-Dichloroethane	ND		ug/kg	1200	140	500
Chloroform	ND		ug/kg	1200	290	500
Carbon tetrachloride	ND		ug/kg	780	160	500
1,2-Dichloropropane	ND		ug/kg	2700	180	500
Dibromochloromethane	ND		ug/kg	780	240	500
1,1,2-Trichloroethane	ND		ug/kg	1200	240	500
Tetrachloroethene	ND		ug/kg	780	110	500
Chlorobenzene	ND		ug/kg	780	270	500
Trichlorofluoromethane	ND		ug/kg	3900	95.	500
1,2-Dichloroethane	ND		ug/kg	780	110	500
1,1,1-Trichloroethane	ND		ug/kg	780	86.	500
Bromodichloromethane	ND		ug/kg	780	180	500
trans-1,3-Dichloropropene	ND		ug/kg	780	94.	500
cis-1,3-Dichloropropene	ND		ug/kg	780	99.	500
Bromoform	ND		ug/kg	3100	320	500
1,1,2,2-Tetrachloroethane	ND		ug/kg	780	130	500
Benzene	11000		ug/kg	780	92.	500
Toluene	2200		ug/kg	1200	87.	500
Ethylbenzene	39000		ug/kg	780	110	500
Chloromethane	ND		ug/kg	3900	610	500
Bromomethane	ND		ug/kg	1600	260	500
Vinyl chloride	ND		ug/kg	1600	110	500
Chloroethane	ND		ug/kg	1600	250	500
1,1-Dichloroethene	ND		ug/kg	780	160	500
trans-1,2-Dichloroethene	ND		ug/kg	1200	160	500
Trichloroethene	ND		ug/kg	780	120	500
1,2-Dichlorobenzene	ND		ug/kg	3900	140	500
1,3-Dichlorobenzene	ND		ug/kg	3900	140	500
1,4-Dichlorobenzene	ND		ug/kg	3900	190	500
Methyl tert butyl ether	ND		ug/kg	1600	81.	500

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401509

Project Number: 0298-014-001 **Report Date:** 01/22/14

SAMPLE RESULTS

Lab ID: L1401509-05 D Date Collected: 01/14/14 16:00

Client ID: SB-8 (6-8) Date Received: 01/15/14

Sample Location: 2424 HAMBURG TURNPIKE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	160000		ug/kg	1600	250	500
o-Xylene	3600		ug/kg	1600	210	500
cis-1,2-Dichloroethene	ND		ug/kg	780	120	500
Styrene	ND		ug/kg	1600	240	500
Dichlorodifluoromethane	ND		ug/kg	7800	170	500
Acetone	ND		ug/kg	7800	2400	500
Carbon disulfide	ND		ug/kg	7800	1600	500
2-Butanone	ND		ug/kg	7800	280	500
4-Methyl-2-pentanone	ND		ug/kg	7800	190	500
2-Hexanone	ND		ug/kg	7800	150	500
Bromochloromethane	ND		ug/kg	3900	150	500
1,2-Dibromoethane	ND		ug/kg	3100	140	500
n-Butylbenzene	5200		ug/kg	780	150	500
sec-Butylbenzene	1500		ug/kg	780	160	500
1,2-Dibromo-3-chloropropane	ND		ug/kg	3900	620	500
Isopropylbenzene	3200		ug/kg	780	130	500
p-Isopropyltoluene	810		ug/kg	780	150	500
n-Propylbenzene	18000		ug/kg	780	98.	500
1,2,3-Trichlorobenzene	ND		ug/kg	3900	130	500
1,2,4-Trichlorobenzene	ND		ug/kg	3900	620	500
1,3,5-Trimethylbenzene	35000		ug/kg	3900	110	500
1,2,4-Trimethylbenzene	110000		ug/kg	3900	450	500
Methyl Acetate	ND		ug/kg	16000	600	500
Cyclohexane	ND		ug/kg	16000	840	500
1,4-Dioxane	ND		ug/kg	78000	14000	500
Freon-113	ND		ug/kg	16000	210	500
Methyl cyclohexane	49000		ug/kg	3100	980	500

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	92		70-130

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401509

Project Number: 0298-014-001 **Report Date:** 01/22/14

SAMPLE RESULTS

Lab ID: L1401509-06 D
Client ID: SB-9 (6-8)
Sample Location: 2424 HAMBURG TURNPIKE
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/19/14 18:34
Analyst: BN
Percent Solids: 85%

Date Collected: 01/14/14 16:30
Date Received: 01/15/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	2900	590	250
1,1-Dichloroethane	ND		ug/kg	440	52.	250
Chloroform	ND		ug/kg	440	110	250
Carbon tetrachloride	ND		ug/kg	290	62.	250
1,2-Dichloropropane	ND		ug/kg	1000	67.	250
Dibromochloromethane	ND		ug/kg	290	91.	250
1,1,2-Trichloroethane	ND		ug/kg	440	90.	250
Tetrachloroethene	ND		ug/kg	290	41.	250
Chlorobenzene	ND		ug/kg	290	100	250
Trichlorofluoromethane	ND		ug/kg	1500	36.	250
1,2-Dichloroethane	ND		ug/kg	290	43.	250
1,1,1-Trichloroethane	ND		ug/kg	290	33.	250
Bromodichloromethane	ND		ug/kg	290	67.	250
trans-1,3-Dichloropropene	ND		ug/kg	290	36.	250
cis-1,3-Dichloropropene	ND		ug/kg	290	37.	250
Bromoform	ND		ug/kg	1200	120	250
1,1,2,2-Tetrachloroethane	ND		ug/kg	290	50.	250
Benzene	1600		ug/kg	290	35.	250
Toluene	1000		ug/kg	440	33.	250
Ethylbenzene	8000		ug/kg	290	43.	250
Chloromethane	ND		ug/kg	1500	230	250
Bromomethane	ND		ug/kg	590	100	250
Vinyl chloride	ND		ug/kg	590	42.	250
Chloroethane	ND		ug/kg	590	93.	250
1,1-Dichloroethene	ND		ug/kg	290	61.	250
trans-1,2-Dichloroethene	ND		ug/kg	440	62.	250
Trichloroethene	ND		ug/kg	290	45.	250
1,2-Dichlorobenzene	ND		ug/kg	1500	54.	250
1,3-Dichlorobenzene	ND		ug/kg	1500	54.	250
1,4-Dichlorobenzene	ND		ug/kg	1500	71.	250
Methyl tert butyl ether	ND		ug/kg	590	31.	250

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401509

Project Number: 0298-014-001 **Report Date:** 01/22/14

SAMPLE RESULTS

Lab ID: L1401509-06 D Date Collected: 01/14/14 16:30

Client ID: SB-9 (6-8) Date Received: 01/15/14

Sample Location: 2424 HAMBURG TURNPIKE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	16000		ug/kg	590	95.	250
o-Xylene	870		ug/kg	590	80.	250
cis-1,2-Dichloroethene	ND		ug/kg	290	44.	250
Styrene	ND		ug/kg	590	91.	250
Dichlorodifluoromethane	ND		ug/kg	2900	64.	250
Acetone	ND		ug/kg	2900	910	250
Carbon disulfide	ND		ug/kg	2900	590	250
2-Butanone	ND		ug/kg	2900	100	250
4-Methyl-2-pentanone	ND		ug/kg	2900	72.	250
2-Hexanone	ND		ug/kg	2900	55.	250
Bromochloromethane	ND		ug/kg	1500	58.	250
1,2-Dibromoethane	ND		ug/kg	1200	52.	250
n-Butylbenzene	3200		ug/kg	290	58.	250
sec-Butylbenzene	980		ug/kg	290	61.	250
1,2-Dibromo-3-chloropropane	ND		ug/kg	1500	230	250
Isopropylbenzene	1600		ug/kg	290	49.	250
p-Isopropyltoluene	620		ug/kg	290	56.	250
n-Propylbenzene	8200		ug/kg	290	37.	250
1,2,3-Trichlorobenzene	ND		ug/kg	1500	49.	250
1,2,4-Trichlorobenzene	ND		ug/kg	1500	230	250
1,3,5-Trimethylbenzene	10000		ug/kg	1500	42.	250
1,2,4-Trimethylbenzene	49000		ug/kg	1500	170	250
Methyl Acetate	ND		ug/kg	5900	220	250
Cyclohexane	ND		ug/kg	5900	320	250
1,4-Dioxane	ND		ug/kg	29000	5100	250
Freon-113	ND		ug/kg	5900	80.	250
Methyl cyclohexane	12000		ug/kg	1200	370	250

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	93		70-130

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401509

Project Number: 0298-014-001 **Report Date:** 01/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/19/14 09:18
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG665659-3					
Methylene chloride	ND		ug/kg	10	2.0
1,1-Dichloroethane	ND		ug/kg	1.5	0.18
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.31
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.12
1,2-Dichloroethane	ND		ug/kg	1.0	0.15
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.23
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.13
Bromoform	ND		ug/kg	4.0	0.41
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.17
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.11
Ethylbenzene	ND		ug/kg	1.0	0.15
Chloromethane	ND		ug/kg	5.0	0.78
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.14
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.20
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.15
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.18
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.24
Methyl tert butyl ether	ND		ug/kg	2.0	0.10

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401509

Project Number: 0298-014-001 **Report Date:** 01/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/19/14 09:18
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG665659-3					
p/m-Xylene	ND		ug/kg	2.0	0.32
o-Xylene	ND		ug/kg	2.0	0.27
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.15
Styrene	ND		ug/kg	2.0	0.31
Dichlorodifluoromethane	ND		ug/kg	10	0.22
Acetone	ND		ug/kg	10	3.1
Carbon disulfide	ND		ug/kg	10	2.0
2-Butanone	ND		ug/kg	10	0.36
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
2-Hexanone	ND		ug/kg	10	0.19
Bromochloromethane	ND		ug/kg	5.0	0.20
1,2-Dibromoethane	ND		ug/kg	4.0	0.18
n-Butylbenzene	ND		ug/kg	1.0	0.20
sec-Butylbenzene	ND		ug/kg	1.0	0.20
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.79
Isopropylbenzene	ND		ug/kg	1.0	0.17
p-Isopropyltoluene	ND		ug/kg	1.0	0.19
n-Propylbenzene	ND		ug/kg	1.0	0.12
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.17
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.79
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.57
Methyl Acetate	ND		ug/kg	20	0.76
Cyclohexane	ND		ug/kg	20	1.1
1,4-Dioxane	ND		ug/kg	100	17.
Freon-113	ND		ug/kg	20	0.27
Methyl cyclohexane	ND		ug/kg	4.0	1.3

Project Name: 2424 HAMBURG TURNPIKE
Project Number: 0298-014-001
Lab Number: L1401509
Report Date: 01/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/19/14 09:18
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG665659-3					
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2424 HAMBURG TURNPIKE
Project Number: 0298-014-001

Lab Number: L1401509
Report Date: 01/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG665659-1 WG665659-2								
Methylene chloride	111		106		70-130	5		30
1,1-Dichloroethane	109		101		70-130	8		30
Chloroform	110		104		70-130	6		30
Carbon tetrachloride	108		96		70-130	12		30
1,2-Dichloropropane	111		105		70-130	6		30
Dibromochloromethane	102		100		70-130	2		30
1,1,2-Trichloroethane	102		100		70-130	2		30
Tetrachloroethene	101		91		70-130	10		30
Chlorobenzene	103		98		70-130	5		30
Trichlorofluoromethane	132		115		70-139	14		30
1,2-Dichloroethane	110		107		70-130	3		30
1,1,1-Trichloroethane	110		98		70-130	12		30
Bromodichloromethane	111		106		70-130	5		30
trans-1,3-Dichloropropene	101		97		70-130	4		30
cis-1,3-Dichloropropene	110		105		70-130	5		30
1,1-Dichloropropene	112		100		70-130	11		30
Bromoform	95		94		70-130	1		30
1,1,2,2-Tetrachloroethane	96		94		70-130	2		30
Benzene	110		102		70-130	8		30
Toluene	99		93		70-130	6		30
Ethylbenzene	101		94		70-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2424 HAMBURG TURNPIKE
Project Number: 0298-014-001

Lab Number: L1401509
Report Date: 01/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG665659-1 WG665659-2								
Chloromethane	97		88		52-130	10		30
Bromomethane	120		111		57-147	8		30
Vinyl chloride	116		101		67-130	14		30
Chloroethane	113		105		50-151	7		30
1,1-Dichloroethene	112		98		65-135	13		30
trans-1,2-Dichloroethene	109		100		70-130	9		30
Trichloroethene	111		102		70-130	8		30
1,2-Dichlorobenzene	98		95		70-130	3		30
1,3-Dichlorobenzene	98		93		70-130	5		30
1,4-Dichlorobenzene	98		94		70-130	4		30
Methyl tert butyl ether	107		103		66-130	4		30
p/m-Xylene	103		96		70-130	7		30
o-Xylene	103		96		70-130	7		30
cis-1,2-Dichloroethene	112		104		70-130	7		30
Dibromomethane	114		108		70-130	5		30
Styrene	104		98		70-130	6		30
Dichlorodifluoromethane	102		89		30-146	14		30
Acetone	138		114		54-140	19		30
Carbon disulfide	104		92		59-130	12		30
2-Butanone	126		111		70-130	13		30
Vinyl acetate	107		104		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2424 HAMBURG TURNPIKE
Project Number: 0298-014-001

Lab Number: L1401509
Report Date: 01/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG665659-1 WG665659-2								
4-Methyl-2-pentanone	104		101		70-130	3		30
1,2,3-Trichloropropane	95		93		68-130	2		30
2-Hexanone	100		92		70-130	8		30
Bromochloromethane	116		112		70-130	4		30
2,2-Dichloropropane	109		98		70-130	11		30
1,2-Dibromoethane	100		98		70-130	2		30
1,3-Dichloropropane	100		98		69-130	2		30
1,1,1,2-Tetrachloroethane	102		98		70-130	4		30
Bromobenzene	95		91		70-130	4		30
n-Butylbenzene	100		91		70-130	9		30
sec-Butylbenzene	98		90		70-130	9		30
tert-Butylbenzene	96		89		70-130	8		30
o-Chlorotoluene	97		90		70-130	7		30
p-Chlorotoluene	96		91		70-130	5		30
1,2-Dibromo-3-chloropropane	88		91		68-130	3		30
Hexachlorobutadiene	93		86		67-130	8		30
Isopropylbenzene	96		88		70-130	9		30
p-Isopropyltoluene	97		90		70-130	7		30
Naphthalene	94		93		70-130	1		30
Acrylonitrile	105		105		70-130	0		30
Isopropyl Ether	105		101		66-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2424 HAMBURG TURNPIKE
Project Number: 0298-014-001

Lab Number: L1401509
Report Date: 01/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG665659-1 WG665659-2								
tert-Butyl Alcohol	96		97		70-130	1		30
n-Propylbenzene	98		90		70-130	9		30
1,2,3-Trichlorobenzene	97		97		70-130	0		30
1,2,4-Trichlorobenzene	98		96		70-130	2		30
1,3,5-Trimethylbenzene	97		90		70-130	7		30
1,2,4-Trimethylbenzene	96		91		70-130	5		30
Methyl Acetate	98		96		51-146	2		30
Ethyl Acetate	104		103		70-130	1		30
Acrolein	93		91		70-130	2		30
Cyclohexane	112		98		59-142	13		30
1,4-Dioxane	111		109		65-136	2		30
Freon-113	117		102		50-139	14		30
1,4-Diethylbenzene	98		90		70-130	9		30
4-Ethyltoluene	97		90		70-130	7		30
1,2,4,5-Tetramethylbenzene	98		93		70-130	5		30
Tetrahydrofuran	101		94		66-130	7		30
Ethyl ether	116		111		67-130	4		30
trans-1,4-Dichloro-2-butene	92		90		70-130	2		30
Methyl cyclohexane	117		102		70-130	14		30
Ethyl-Tert-Butyl-Ether	106		102		70-130	4		30
Tertiary-Amyl Methyl Ether	108		103		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2424 HAMBURG TURNPIKE

Project Number: 0298-014-001

Lab Number: L1401509

Report Date: 01/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG665659-1 WG665659-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		98		70-130
Toluene-d8	93		94		70-130
4-Bromofluorobenzene	95		95		70-130
Dibromofluoromethane	100		101		70-130

SEMIVOLATILES

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401509

Project Number: 0298-014-001 **Report Date:** 01/22/14

SAMPLE RESULTS

Lab ID:	L1401509-01	Date Collected:	01/14/14 11:45
Client ID:	SB-4 (6-8)	Date Received:	01/15/14
Sample Location:	2424 HAMBURG TURNPIKE	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/17/14 03:10
Analytical Date:	01/18/14 22:59		
Analyst:	RC		
Percent Solids:	76%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	490		ug/kg	170	44.	1
Fluoranthene	3200		ug/kg	130	40.	1
Naphthalene	8000		ug/kg	220	72.	1
Benzo(a)anthracene	1100		ug/kg	130	42.	1
Benzo(a)pyrene	760		ug/kg	170	53.	1
Benzo(b)fluoranthene	1200		ug/kg	130	44.	1
Benzo(k)fluoranthene	380		ug/kg	130	41.	1
Chrysene	1200		ug/kg	130	42.	1
Acenaphthylene	340		ug/kg	170	40.	1
Anthracene	860		ug/kg	130	36.	1
Benzo(ghi)perylene	470		ug/kg	170	45.	1
Fluorene	1300		ug/kg	220	62.	1
Phenanthrene	3800		ug/kg	130	42.	1
Dibenzo(a,h)anthracene	120	J	ug/kg	130	42.	1
Indeno(1,2,3-cd)pyrene	540		ug/kg	170	48.	1
Pyrene	2300		ug/kg	130	42.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	82		30-120
4-Terphenyl-d14	81		18-120

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401509

Project Number: 0298-014-001 **Report Date:** 01/22/14

SAMPLE RESULTS

Lab ID:	L1401509-02 D	Date Collected:	01/14/14 12:30
Client ID:	SB-5 (6-8)	Date Received:	01/15/14
Sample Location:	2424 HAMBURG TURNPIKE	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/17/14 03:10
Analytical Date:	01/21/14 20:21		
Analyst:	RC		
Percent Solids:	82%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	3300		ug/kg	3200	840	20
Fluoranthene	140000		ug/kg	2400	750	20
Naphthalene	50000		ug/kg	4100	1400	20
Benzo(a)anthracene	71000		ug/kg	2400	800	20
Benzo(a)pyrene	63000		ug/kg	3200	1000	20
Benzo(b)fluoranthene	79000		ug/kg	2400	820	20
Benzo(k)fluoranthene	33000		ug/kg	2400	780	20
Chrysene	71000		ug/kg	2400	800	20
Acenaphthylene	21000		ug/kg	3200	760	20
Anthracene	39000		ug/kg	2400	680	20
Benzo(ghi)perylene	38000		ug/kg	3200	850	20
Fluorene	24000		ug/kg	4100	1200	20
Phenanthrene	130000		ug/kg	2400	800	20
Dibenzo(a,h)anthracene	10000		ug/kg	2400	790	20
Indeno(1,2,3-cd)pyrene	41000		ug/kg	3200	900	20
Pyrene	110000		ug/kg	2400	790	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
4-Terphenyl-d14	**0**	Q	18-120

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401509

Project Number: 0298-014-001 **Report Date:** 01/22/14

SAMPLE RESULTS

Lab ID:	L1401509-03 D	Date Collected:	01/14/14 14:15
Client ID:	SB-6 (2-4)	Date Received:	01/15/14
Sample Location:	2424 HAMBURG TURNPIKE	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/17/14 03:10
Analytical Date:	01/21/14 20:46		
Analyst:	RC		
Percent Solids:	83%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	3200	820	20
Fluoranthene	3400		ug/kg	2400	730	20
Naphthalene	48000		ug/kg	4000	1300	20
Benzo(a)anthracene	1600	J	ug/kg	2400	780	20
Benzo(a)pyrene	1600	J	ug/kg	3200	970	20
Benzo(b)fluoranthene	2300	J	ug/kg	2400	800	20
Benzo(k)fluoranthene	1000	J	ug/kg	2400	760	20
Chrysene	1600	J	ug/kg	2400	780	20
Acenaphthylene	ND		ug/kg	3200	740	20
Anthracene	760	J	ug/kg	2400	660	20
Benzo(ghi)perylene	1600	J	ug/kg	3200	830	20
Fluorene	1400	J	ug/kg	4000	1100	20
Phenanthrene	3200		ug/kg	2400	780	20
Dibenzo(a,h)anthracene	ND		ug/kg	2400	770	20
Indeno(1,2,3-cd)pyrene	1800	J	ug/kg	3200	880	20
Pyrene	2700		ug/kg	2400	770	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	30-120
4-Terphenyl-d14	**0**	Q	18-120

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401509

Project Number: 0298-014-001 **Report Date:** 01/22/14

SAMPLE RESULTS

Lab ID:	L1401509-04	Date Collected:	01/14/14 13:45
Client ID:	SB-7 (2-4)	Date Received:	01/15/14
Sample Location:	2424 HAMBURG TURNPIKE	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/17/14 03:34
Analytical Date:	01/19/14 00:22		
Analyst:	RC		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	40.	1
Fluoranthene	270		ug/kg	120	35.	1
Naphthalene	600		ug/kg	190	64.	1
Benzo(a)anthracene	190		ug/kg	120	38.	1
Benzo(a)pyrene	190		ug/kg	150	47.	1
Benzo(b)fluoranthene	260		ug/kg	120	39.	1
Benzo(k)fluoranthene	96	J	ug/kg	120	37.	1
Chrysene	180		ug/kg	120	38.	1
Acenaphthylene	100	J	ug/kg	150	36.	1
Anthracene	75	J	ug/kg	120	32.	1
Benzo(ghi)perylene	130	J	ug/kg	150	40.	1
Fluorene	56	J	ug/kg	190	55.	1
Phenanthrene	180		ug/kg	120	38.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	37.	1
Indeno(1,2,3-cd)pyrene	140	J	ug/kg	150	43.	1
Pyrene	220		ug/kg	120	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	71		30-120
4-Terphenyl-d14	79		18-120

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401509

Project Number: 0298-014-001 **Report Date:** 01/22/14

SAMPLE RESULTS

Lab ID:	L1401509-05	Date Collected:	01/14/14 16:00
Client ID:	SB-8 (6-8)	Date Received:	01/15/14
Sample Location:	2424 HAMBURG TURNPIKE	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/17/14 03:35
Analytical Date:	01/19/14 00:50		
Analyst:	RC		
Percent Solids:	64%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	200	53.	1
Fluoranthene	300		ug/kg	150	47.	1
Naphthalene	10000		ug/kg	260	85.	1
Benzo(a)anthracene	110	J	ug/kg	150	50.	1
Benzo(a)pyrene	71	J	ug/kg	200	62.	1
Benzo(b)fluoranthene	120	J	ug/kg	150	52.	1
Benzo(k)fluoranthene	51	J	ug/kg	150	49.	1
Chrysene	160		ug/kg	150	50.	1
Acenaphthylene	ND		ug/kg	200	48.	1
Anthracene	74	J	ug/kg	150	42.	1
Benzo(ghi)perylene	60	J	ug/kg	200	53.	1
Fluorene	130	J	ug/kg	260	73.	1
Phenanthrene	420		ug/kg	150	50.	1
Dibenzo(a,h)anthracene	ND		ug/kg	150	50.	1
Indeno(1,2,3-cd)pyrene	60	J	ug/kg	200	57.	1
Pyrene	230		ug/kg	150	50.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	70		30-120
4-Terphenyl-d14	74		18-120

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401509

Project Number: 0298-014-001 **Report Date:** 01/22/14

SAMPLE RESULTS

Lab ID:	L1401509-06	Date Collected:	01/14/14 16:30
Client ID:	SB-9 (6-8)	Date Received:	01/15/14
Sample Location:	2424 HAMBURG TURNPIKE	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	01/17/14 03:35
Analytical Date:	01/19/14 01:18		
Analyst:	RC		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	83	J	ug/kg	150	40.	1
Fluoranthene	1000		ug/kg	120	36.	1
Naphthalene	3300		ug/kg	190	64.	1
Benzo(a)anthracene	470		ug/kg	120	38.	1
Benzo(a)pyrene	390		ug/kg	150	47.	1
Benzo(b)fluoranthene	480		ug/kg	120	39.	1
Benzo(k)fluoranthene	210		ug/kg	120	37.	1
Chrysene	460		ug/kg	120	38.	1
Acenaphthylene	200		ug/kg	150	36.	1
Anthracene	360		ug/kg	120	32.	1
Benzo(ghi)perylene	250		ug/kg	150	40.	1
Fluorene	350		ug/kg	190	55.	1
Phenanthrene	1300		ug/kg	120	38.	1
Dibenzo(a,h)anthracene	51	J	ug/kg	120	37.	1
Indeno(1,2,3-cd)pyrene	250		ug/kg	150	43.	1
Pyrene	760		ug/kg	120	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	70		30-120
4-Terphenyl-d14	75		18-120

Project Name: 2424 HAMBURG TURNPIKE
Lab Number: L1401509
Project Number: 0298-014-001
Report Date: 01/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/18/14 16:30
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 01/17/14 03:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG665228-1					
Acenaphthene	ND		ug/kg	130	34.
Fluoranthene	ND		ug/kg	99	30.
Naphthalene	ND		ug/kg	160	55.
Benzo(a)anthracene	ND		ug/kg	99	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	33.
Benzo(k)fluoranthene	ND		ug/kg	99	32.
Chrysene	ND		ug/kg	99	32.
Acenaphthylene	ND		ug/kg	130	31.
Anthracene	ND		ug/kg	99	28.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	47.
Phenanthrene	ND		ug/kg	99	32.
Dibenzo(a,h)anthracene	ND		ug/kg	99	32.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	37.
Pyrene	ND		ug/kg	99	32.
Tentatively Identified Compounds					
Unknown	150	J	ug/kg		

Project Name: 2424 HAMBURG TURNPIKE
Project Number: 0298-014-001
Lab Number: L1401509
Report Date: 01/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/18/14 16:30
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 01/17/14 03:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG665228-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	84		30-120
2,4,6-Tribromophenol	88		0-136
4-Terphenyl-d14	88		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2424 HAMBURG TURNPIKE

Project Number: 0298-014-001

Lab Number: L1401509

Report Date: 01/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG665228-2 WG665228-3								
Acenaphthene	97		97		31-137	0		50
1,2,4-Trichlorobenzene	84		82		38-107	2		50
Hexachlorobenzene	92		92		40-140	0		50
Bis(2-chloroethyl)ether	92		90		40-140	2		50
2-Chloronaphthalene	92		94		40-140	2		50
1,2-Dichlorobenzene	87		82		40-140	6		50
1,3-Dichlorobenzene	85		80		40-140	6		50
1,4-Dichlorobenzene	84		81		28-104	4		50
3,3'-Dichlorobenzidine	61		51		40-140	18		50
2,4-Dinitrotoluene	**97**	Q	**100**	Q	28-89	3		50
2,6-Dinitrotoluene	94		94		40-140	0		50
Fluoranthene	101		104		40-140	3		50
4-Chlorophenyl phenyl ether	95		97		40-140	2		50
4-Bromophenyl phenyl ether	91		93		40-140	2		50
Bis(2-chloroisopropyl)ether	91		89		40-140	2		50
Bis(2-chloroethoxy)methane	93		89		40-117	4		50
Hexachlorobutadiene	84		85		40-140	1		50
Hexachlorocyclopentadiene	71		69		40-140	3		50
Hexachloroethane	88		85		40-140	3		50
Isophorone	95		92		40-140	3		50
Naphthalene	90		90		40-140	0		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2424 HAMBURG TURNPIKE
Project Number: 0298-014-001

Lab Number: L1401509
Report Date: 01/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG665228-2 WG665228-3								
Nitrobenzene	97		96		40-140	1		50
NitrosoDiPhenylAmine(NDPA)/DPA	101		100			1		50
n-Nitrosodi-n-propylamine	93		90		32-121	3		50
Bis(2-Ethylhexyl)phthalate	117		120		40-140	3		50
Butyl benzyl phthalate	106		107		40-140	1		50
Di-n-butylphthalate	109		113		40-140	4		50
Di-n-octylphthalate	121		123		40-140	2		50
Diethyl phthalate	107		106		40-140	1		50
Dimethyl phthalate	99		100		40-140	1		50
Benzo(a)anthracene	104		106		40-140	2		50
Benzo(a)pyrene	104		104		40-140	0		50
Benzo(b)fluoranthene	93		95		40-140	2		50
Benzo(k)fluoranthene	113		114		40-140	1		50
Chrysene	104		105		40-140	1		50
Acenaphthylene	93		94		40-140	1		50
Anthracene	108		110		40-140	2		50
Benzo(ghi)perylene	95		99		40-140	4		50
Fluorene	98		98		40-140	0		50
Phenanthrene	104		108		40-140	4		50
Dibenzo(a,h)anthracene	84		89		40-140	6		50
Indeno(1,2,3-cd)pyrene	88		92		40-140	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2424 HAMBURG TURNPIKE
Project Number: 0298-014-001

Lab Number: L1401509
Report Date: 01/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG665228-2 WG665228-3								
Pyrene	100		102		35-142	2		50
Biphenyl	99		99			0		50
4-Chloroaniline	88		91		40-140	3		50
2-Nitroaniline	90		91		47-134	1		50
3-Nitroaniline	47		35		26-129	29		50
4-Nitroaniline	86		83		41-125	4		50
Dibenzofuran	104		103		40-140	1		50
2-Methylnaphthalene	91		91		40-140	0		50
1,2,4,5-Tetrachlorobenzene	91		89		40-117	2		50
Acetophenone	94		90		14-144	4		50
2,4,6-Trichlorophenol	92		92		30-130	0		50
P-Chloro-M-Cresol	102		102		26-103	0		50
2-Chlorophenol	88		88		25-102	0		50
2,4-Dichlorophenol	90		90		30-130	0		50
2,4-Dimethylphenol	100		96		30-130	4		50
2-Nitrophenol	88		86		30-130	2		50
4-Nitrophenol	107		104		11-114	3		50
2,4-Dinitrophenol	84		85		4-130	1		50
4,6-Dinitro-o-cresol	90		86		10-130	5		50
Pentachlorophenol	98		99		17-109	1		50
Phenol	**93**	Q	89		26-90	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2424 HAMBURG TURNPIKE

Project Number: 0298-014-001

Lab Number: L1401509

Report Date: 01/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG665228-2 WG665228-3								
2-Methylphenol	95		90		30-130.	5		50
3-Methylphenol/4-Methylphenol	95		92		30-130	3		50
2,4,5-Trichlorophenol	93		96		30-130	3		50
Benzoic Acid	66		68			3		50
Benzyl Alcohol	87		85		40-140	2		50
Carbazole	101		102		54-128	1		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	74		70		25-120
Phenol-d6	77		75		10-120
Nitrobenzene-d5	87		84		23-120
2-Fluorobiphenyl	81		81		30-120
2,4,6-Tribromophenol	84		86		0-136
4-Terphenyl-d14	83		83		18-120

INORGANICS
&
MISCELLANEOUS

Project Name: 2424 HAMBURG TURNPIKE
Project Number: 0298-014-001

Lab Number: L1401509
Report Date: 01/22/14

SAMPLE RESULTS

Lab ID: L1401509-01
Client ID: SB-4 (6-8)
Sample Location: 2424 HAMBURG TURNPIKE
Matrix: Soil

Date Collected: 01/14/14 11:45
Date Received: 01/15/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.2		%	0.100	NA	1	-	01/16/14 23:21	30,2540G	RT

Project Name: 2424 HAMBURG TURNPIKE
Project Number: 0298-014-001

Lab Number: L1401509
Report Date: 01/22/14

SAMPLE RESULTS

Lab ID: L1401509-02
Client ID: SB-5 (6-8)
Sample Location: 2424 HAMBURG TURNPIKE
Matrix: Soil

Date Collected: 01/14/14 12:30
Date Received: 01/15/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.7		%	0.100	NA	1	-	01/16/14 23:21	30,2540G	RT

Project Name: 2424 HAMBURG TURNPIKE
Project Number: 0298-014-001
Lab Number: L1401509
Report Date: 01/22/14

SAMPLE RESULTS

Lab ID: L1401509-03
Client ID: SB-6 (2-4)
Sample Location: 2424 HAMBURG TURNPIKE
Matrix: Soil
Date Collected: 01/14/14 14:15
Date Received: 01/15/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.8		%	0.100	NA	1	-	01/16/14 23:21	30,2540G	RT

Project Name: 2424 HAMBURG TURNPIKE
Project Number: 0298-014-001
Lab Number: L1401509
Report Date: 01/22/14

SAMPLE RESULTS

Lab ID: L1401509-04
Client ID: SB-7 (2-4)
Sample Location: 2424 HAMBURG TURNPIKE
Matrix: Soil
Date Collected: 01/14/14 13:45
Date Received: 01/15/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.0		%	0.100	NA	1	-	01/16/14 23:21	30,2540G	RT

Project Name: 2424 HAMBURG TURNPIKE
Project Number: 0298-014-001
Lab Number: L1401509
Report Date: 01/22/14

SAMPLE RESULTS

Lab ID: L1401509-05
Client ID: SB-8 (6-8)
Sample Location: 2424 HAMBURG TURNPIKE
Matrix: Soil
Date Collected: 01/14/14 16:00
Date Received: 01/15/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	64.1		%	0.100	NA	1	-	01/16/14 23:21	30,2540G	RT

Project Name: 2424 HAMBURG TURNPIKE
Project Number: 0298-014-001

Lab Number: L1401509
Report Date: 01/22/14

SAMPLE RESULTS

Lab ID: L1401509-06
Client ID: SB-9 (6-8)
Sample Location: 2424 HAMBURG TURNPIKE
Matrix: Soil

Date Collected: 01/14/14 16:30
Date Received: 01/15/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.9		%	0.100	NA	1	-	01/16/14 23:21	30,2540G	RT

Lab Duplicate Analysis
Batch Quality Control

Project Name: 2424 HAMBURG TURNPIKE
Project Number: 0298-014-001

Lab Number: L1401509
Report Date: 01/22/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG665196-1 QC Sample: L1401410-01 Client ID: DUP Sample						
Solids, Total	86.5	87.0	%	1		20

Project Name: 2424 HAMBURG TURNPIKE
Project Number: 0298-014-001

Lab Number: L1401509
Report Date: 01/22/14

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information **Custody Seal**

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1401509-01A	Amber 120ml unpreserved	A	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1401509-01B	Amber 120ml unpreserved	A	N/A	2.7	Y	Absent	NYTCL-8270(14),TS(7)
L1401509-02A	Amber 120ml unpreserved	A	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1401509-02B	Amber 120ml unpreserved	A	N/A	2.7	Y	Absent	NYTCL-8270(14),TS(7)
L1401509-03A	Amber 120ml unpreserved	A	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1401509-03B	Amber 120ml unpreserved	A	N/A	2.7	Y	Absent	NYTCL-8270(14),TS(7)
L1401509-04A	Amber 120ml unpreserved	A	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1401509-04B	Amber 120ml unpreserved	A	N/A	2.7	Y	Absent	NYTCL-8270(14),TS(7)
L1401509-05A	Amber 120ml unpreserved	A	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1401509-05B	Amber 120ml unpreserved	A	N/A	2.7	Y	Absent	NYTCL-8270(14),TS(7)
L1401509-06A	Amber 120ml unpreserved	A	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1401509-06B	Amber 120ml unpreserved	A	N/A	2.7	Y	Absent	NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	2424 HAMBURG TURNPIKE	**Lab Number:**	L1401509
Project Number:	0298-014-001	**Report Date:**	01/22/14

GLOSSARY

Acronyms

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NI - Not Ignitable.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

Report Format: DU Report with 'J' Qualifiers

Project Name:	2424 HAMBURG TURNPIKE	**Lab Number:**	L1401509
Project Number:	0298-014-001	**Report Date:**	01/22/14

Data Qualifiers

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	2424 HAMBURG TURNPIKE	**Lab Number:**	L1401509
Project Number:	0298-014-001	**Report Date:**	01/22/14

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

Last revised December 11, 2013

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE 1 OF 1

Serial_No:01221415:47

Date Rec'd in Lab: 1/16/14

ALPHA Job #: L1401509

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Turnkey
Address: 2558 Hamburg Turnpike Buffalo NY 14226 14218
Phone: 716 856-0599
Fax: 716 856-0583
Email:

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 2424 Hamburg Turnpike
Project Location: 2424 Hamburg Turnpike
Project #: 0298-014-001
Project Manager: Mike Lesakowski
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 1/22/14 Time:

Report Information - Data Deliverables

☐ FAX ☐ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: TCL + CP51 VOC	ANALYSIS: CP51 SVOC	SAMPLE HANDLING	Sample Specific Comments	TOTAL # BOTTLES
01509-01	SB-4 (6-8)	1-14-14	1145	SO1	PWV	X	X			2
-02	SB-5 (6-8)		1230			X	X			2
-03	SB-6 (2-4)		1415			X	X			2
-04	SB-7 (2-4)		1345			X	X			2
-05	SB-8 (6-8)		1600			X	X			2
-06	SB-9 (6-8)		1620			X	X			2

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

Container Type																
Preservative																

Relinquished By:	Date/Time	Received By:	Date/Time
	1-15-14 1648		1/15/14 1648
	1/15/14 2155		1/15/14 2155
	1/16/14 0022		1/16/14 0022

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)

ANALYTICAL REPORT

Lab Number:	L1401510
Client:	Benchmark & Turnkey Companies 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Mike Lesakowski
Phone:	(716) 856-0599
Project Name:	2424 HAMBURG TURNPIKE
Project Number:	0298-014-001
Report Date:	01/22/14

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 2424 HAMBURG TURNPIKE
Project Number: 0298-014-001

Lab Number: L1401510
Report Date: 01/22/14

Alpha Sample ID	Client ID	Sample Location	Collection Date/Time
L1401510-01	TMW-2	2424 HAMBURG TURNPIKE	01/14/14 15:15
L1401510-02	TMW-3	2424 HAMBURG TURNPIKE	01/14/14 15:00

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401510
Project Number: 0298-014-001 **Report Date:** 01/22/14

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. Performance criteria for CAM and RCP methods allow for some LCS compound failures to occur and still be within method compliance. In these instances, the specific failures are not narrated but are noted in the associated QC table. This information is also incorporated in the Data Usability format for our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	2424 HAMBURG TURNPIKE	**Lab Number:**	L1401510
Project Number:	0298-014-001	**Report Date:**	01/22/14

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cynthia McQueen

Title: Technical Director/Representative Date: 01/22/14

ORGANICS

VOLATILES

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401510

Project Number: 0298-014-001 **Report Date:** 01/22/14

SAMPLE RESULTS

Lab ID:	L1401510-01 D	Date Collected:	01/14/14 15:15
Client ID:	TMW-2	Date Received:	01/15/14
Sample Location:	2424 HAMBURG TURNPIKE	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260C		
Analytical Date:	01/20/14 19:31		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	120	35.	50
1,1-Dichloroethane	ND		ug/l	120	35.	50
Chloroform	ND		ug/l	120	35.	50
Carbon tetrachloride	ND		ug/l	25	6.7	50
1,2-Dichloropropane	ND		ug/l	50	6.6	50
Dibromochloromethane	ND		ug/l	25	7.5	50
1,1,2-Trichloroethane	ND		ug/l	75	25.	50
Tetrachloroethene	ND		ug/l	25	9.1	50
Chlorobenzene	ND		ug/l	120	35.	50
Trichlorofluoromethane	ND		ug/l	120	35.	50
1,2-Dichloroethane	ND		ug/l	25	6.6	50
1,1,1-Trichloroethane	ND		ug/l	120	35.	50
Bromodichloromethane	ND		ug/l	25	9.6	50
trans-1,3-Dichloropropene	ND		ug/l	25	8.2	50
cis-1,3-Dichloropropene	ND		ug/l	25	7.2	50
Bromoform	ND		ug/l	100	32.	50
1,1,2,2-Tetrachloroethane	ND		ug/l	25	7.2	50
Benzene	520		ug/l	25	7.9	50
Toluene	3000		ug/l	120	35.	50
Ethylbenzene	1500		ug/l	120	35.	50
Chloromethane	ND		ug/l	120	35.	50
Bromomethane	ND		ug/l	120	35.	50
Vinyl chloride	ND		ug/l	50	16.	50
Chloroethane	ND		ug/l	120	35.	50
1,1-Dichloroethene	ND		ug/l	25	7.1	50
trans-1,2-Dichloroethene	ND		ug/l	120	35.	50
Trichloroethene	ND		ug/l	25	8.7	50
1,2-Dichlorobenzene	ND		ug/l	120	35.	50
1,3-Dichlorobenzene	ND		ug/l	120	35.	50
1,4-Dichlorobenzene	ND		ug/l	120	35.	50
Methyl tert butyl ether	ND		ug/l	120	35.	50

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401510

Project Number: 0298-014-001 **Report Date:** 01/22/14

SAMPLE RESULTS

Lab ID: L1401510-01 D Date Collected: 01/14/14 15:15

Client ID: TMW-2 Date Received: 01/15/14

Sample Location: 2424 HAMBURG TURNPIKE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	5600		ug/l	120	35.	50
o-Xylene	2200		ug/l	120	35.	50
cis-1,2-Dichloroethene	ND		ug/l	120	35.	50
Styrene	ND		ug/l	120	35.	50
Dichlorodifluoromethane	ND		ug/l	250	50.	50
Acetone	140	J	ug/l	250	50.	50
Carbon disulfide	ND		ug/l	250	50.	50
2-Butanone	ND		ug/l	250	50.	50
4-Methyl-2-pentanone	ND		ug/l	250	50.	50
2-Hexanone	ND		ug/l	250	50.	50
Bromochloromethane	ND		ug/l	120	35.	50
1,2-Dibromoethane	ND		ug/l	100	32.	50
n-Butylbenzene	ND		ug/l	120	35.	50
sec-Butylbenzene	ND		ug/l	120	35.	50
tert-Butylbenzene	ND		ug/l	120	35.	50
1,2-Dibromo-3-chloropropane	ND		ug/l	120	35.	50
Isopropylbenzene	56	J	ug/l	120	35.	50
p-Isopropyltoluene	ND		ug/l	120	35.	50
Naphthalene	340		ug/l	120	35.	50
n-Propylbenzene	210		ug/l	120	35.	50
1,2,3-Trichlorobenzene	ND		ug/l	120	35.	50
1,2,4-Trichlorobenzene	ND		ug/l	120	35.	50
1,3,5-Trimethylbenzene	490		ug/l	120	35.	50
1,2,4-Trimethylbenzene	2000		ug/l	120	35.	50
Methyl Acetate	ND		ug/l	100	12.	50
Cyclohexane	180	J	ug/l	500	12.	50
1,4-Dioxane	ND		ug/l	12000	2000	50
Freon-113	ND		ug/l	120	35.	50
Methyl cyclohexane	97	J	ug/l	500	14.	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	85		70-130

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401510

Project Number: 0298-014-001 **Report Date:** 01/22/14

SAMPLE RESULTS

Lab ID:	L1401510-02	Date Collected:	01/14/14 15:00
Client ID:	TMW-3	Date Received:	01/15/14
Sample Location:	2424 HAMBURG TURNPIKE	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260C		
Analytical Date:	01/22/14 10:34		
Analyst:	MS		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	0.34	J	ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	6.3		ug/l	0.50	0.16	1
Toluene	12		ug/l	2.5	0.70	1
Ethylbenzene	8.6		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.17	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401510

Project Number: 0298-014-001 **Report Date:** 01/22/14

SAMPLE RESULTS

Lab ID: L1401510-02 Date Collected: 01/14/14 15:00

Client ID: TMW-3 Date Received: 01/15/14

Sample Location: 2424 HAMBURG TURNPIKE Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
p/m-Xylene	46		ug/l	2.5	0.70	1
o-Xylene	24		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	15		ug/l	5.0	1.0	1
Carbon disulfide	1.1	J	ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	2.0	J	ug/l	2.5	0.70	1
sec-Butylbenzene	0.79	J	ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	1.8	J	ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	9.2		ug/l	2.5	0.70	1
n-Propylbenzene	6.7		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	22		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	85		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	5.4	J	ug/l	10	0.24	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	8.8	J	ug/l	10	0.29	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	97		70-130

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401510

Project Number: 0298-014-001 **Report Date:** 01/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/20/14 13:09
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG665926-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.33
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.17
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401510

Project Number: 0298-014-001 **Report Date:** 01/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/20/14 13:09
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG665926-3					
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.0
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.24
1,4-Dioxane	ND		ug/l	250	41.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.29

Project Name: 2424 HAMBURG TURNPIKE
Project Number: 0298-014-001
Lab Number: L1401510
Report Date: 01/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/20/14 13:09
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG665926-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	103		70-130

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401510

Project Number: 0298-014-001 **Report Date:** 01/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/22/14 10:07
Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG666244-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.33
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.17
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70

Project Name: 2424 HAMBURG TURNPIKE **Lab Number:** L1401510

Project Number: 0298-014-001 **Report Date:** 01/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/22/14 10:07
Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG666244-3					
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.0
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.24
1,4-Dioxane	ND		ug/l	250	41.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.29

Project Name: 2424 HAMBURG TURNPIKE
Project Number: 0298-014-001
Lab Number: L1401510
Report Date: 01/22/14

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/22/14 10:07
Analyst: MS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG666244-3					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	125		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2424 HAMBURG TURNPIKE

Project Number: 0298-014-001

Lab Number: L1401510

Report Date: 01/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG665926-1 WG665926-2								
Methylene chloride	94		92		70-130	2		20
1,1-Dichloroethane	108		104		70-130	4		20
Chloroform	106		103		70-130	3		20
2-Chloroethylvinyl ether	116		115		70-130	1		20
Carbon tetrachloride	97		94		63-132	3		20
1,2-Dichloropropane	105		102		70-130	3		20
Dibromochloromethane	100		98		63-130	2		20
1,1,2-Trichloroethane	117		113		70-130	3		20
Tetrachloroethene	100		96		70-130	4		20
Chlorobenzene	105		102		75-130	3		20
Trichlorofluoromethane	107		104		62-150	3		20
1,2-Dichloroethane	107		106		70-130	1		20
1,1,1-Trichloroethane	102		97		67-130	5		20
Bromodichloromethane	105		102		67-130	3		20
trans-1,3-Dichloropropene	107		105		70-130	2		20
cis-1,3-Dichloropropene	101		99		70-130	2		20
1,1-Dichloropropene	93		89		70-130	4		20
Bromoform	96		93		54-136	3		20
1,1,2,2-Tetrachloroethane	106		105		67-130	1		20
Benzene	103		100		70-130	3		20
Toluene	107		103		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2424 HAMBURG TURNPIKE

Project Number: 0298-014-001

Lab Number: L1401510

Report Date: 01/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG665926-1 WG665926-2								
Ethylbenzene	106		102		70-130	4		20
Chloromethane	96		90		64-130	6		20
Bromomethane	108		101		39-139	7		20
Vinyl chloride	98		93		55-140	5		20
Chloroethane	115		112		55-138	3		20
1,1-Dichloroethene	87		97		61-145	11		20
trans-1,2-Dichloroethene	101		97		70-130	4		20
Trichloroethene	108		104		70-130	4		20
1,2-Dichlorobenzene	104		100		70-130	4		20
1,3-Dichlorobenzene	105		100		70-130	5		20
1,4-Dichlorobenzene	103		100		70-130	3		20
Methyl tert butyl ether	104		102		63-130	2		20
p/m-Xylene	109		105		70-130	4		20
o-Xylene	108		103		70-130	5		20
cis-1,2-Dichloroethene	100		98		70-130	2		20
Dibromomethane	106		104		70-130	2		20
1,2,3-Trichloropropane	114		111		64-130	3		20
Acrylonitrile	108		107		70-130	1		20
Isopropyl Ether	102		100		70-130	2		20
tert-Butyl Alcohol	**131**	Q	120		70-130	9		20
Styrene	116		112		70-130	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2424 HAMBURG TURNPIKE
Project Number: 0298-014-001

Lab Number: L1401510
Report Date: 01/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG665926-1 WG665926-2								
Dichlorodifluoromethane	72		68		36-147	6		20
Acetone	82		81		58-148	1		20
Carbon disulfide	58		64		51-130	10		20
2-Butanone	104		97		63-138	7		20
Vinyl acetate	90		89		70-130	1		20
4-Methyl-2-pentanone	110		108		59-130	2		20
2-Hexanone	110		109		57-130	1		20
Bromochloromethane	102		99		70-130	3		20
2,2-Dichloropropane	98		93		63-133	5		20
1,2-Dibromoethane	105		104		70-130	1		20
1,3-Dichloropropane	110		108		70-130	2		20
1,1,1,2-Tetrachloroethane	107		102		64-130	5		20
Bromobenzene	96		93		70-130	3		20
n-Butylbenzene	117		112		53-136	4		20
sec-Butylbenzene	107		103		70-130	4		20
tert-Butylbenzene	102		97		70-130	5		20
o-Chlorotoluene	105		101		70-130	4		20
p-Chlorotoluene	103		99		70-130	4		20
1,2-Dibromo-3-chloropropane	111		107		41-144	4		20
Hexachlorobutadiene	103		88		63-130	16		20
Isopropylbenzene	97		93		70-130	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2424 HAMBURG TURNPIKE
Project Number: 0298-014-001

Lab Number: L1401510
Report Date: 01/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG665926-1 WG665926-2								
p-Isopropyltoluene	108		103		70-130	5		20
Naphthalene	104		100		70-130	4		20
n-Propylbenzene	108		104		69-130	4		20
1,2,3-Trichlorobenzene	109		104		70-130	5		20
1,2,4-Trichlorobenzene	104		90		70-130	14		20
1,3,5-Trimethylbenzene	107		103		64-130	4		20
1,2,4-Trimethylbenzene	110		106		70-130	4		20
Methyl Acetate	114		117		70-130	3		20
Ethyl Acetate	119		117		70-130	2		20
Cyclohexane	101		96		70-130	5		20
Ethyl-Tert-Butyl-Ether	98		96		70-130	2		20
Tertiary-Amyl Methyl Ether	98		95		66-130	3		20
1,4-Dioxane	148		130		56-162	13		20
Freon-113	80		87		70-130	8		20
1,4-Diethylbenzene	108		103		70-130	5		20
4-Ethyltoluene	103		98		70-130	5		20
1,2,4,5-Tetramethylbenzene	109		104		70-130	5		20
Ethyl ether	98		98		59-134	0		20
trans-1,4-Dichloro-2-butene	75		74		70-130	1		20
Iodomethane	**63**	Q	**69**	Q	70-130	9		20
Methyl cyclohexane	108		102		70-130	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2424 HAMBURG TURNPIKE

Project Number: 0298-014-001

Lab Number: L1401510

Report Date: 01/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG665926-1 WG665926-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	111		109		70-130
Toluene-d8	107		105		70-130
4-Bromofluorobenzene	93		93		70-130
Dibromofluoromethane	105		104		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2424 HAMBURG TURNPIKE

Project Number: 0298-014-001

Lab Number: L1401510

Report Date: 01/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG666244-1 WG666244-2								
Methylene chloride	82		82		70-130	0		20
1,1-Dichloroethane	95		93		70-130	2		20
Chloroform	110		92		70-130	18		20
2-Chloroethylvinyl ether	111		113		70-130	2		20
Carbon tetrachloride	101		87		63-132	15		20
1,2-Dichloropropane	107		106		70-130	1		20
Dibromochloromethane	99		98		63-130	1		20
1,1,2-Trichloroethane	116		113		70-130	3		20
Tetrachloroethene	100		98		70-130	2		20
Chlorobenzene	103		103		75-130	0		20
Trichlorofluoromethane	135		132		62-150	2		20
1,2-Dichloroethane	112		104		70-130	7		20
1,1,1-Trichloroethane	106		90		67-130	16		20
Bromodichloromethane	107		106		67-130	1		20
trans-1,3-Dichloropropene	106		107		70-130	1		20
cis-1,3-Dichloropropene	102		101		70-130	1		20
1,1-Dichloropropene	99		82		70-130	19		20
Bromoform	92		97		54-136	5		20
1,1,2,2-Tetrachloroethane	105		104		67-130	1		20
Benzene	106		89		70-130	17		20
Toluene	107		106		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2424 HAMBURG TURNPIKE
Project Number: 0298-014-001

Lab Number: L1401510
Report Date: 01/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG666244-1 WG666244-2								
Ethylbenzene	104		107		70-130	3		20
Chloromethane	127		124		64-130	2		20
Bromomethane	131		**148**	Q	39-139	12		20
Vinyl chloride	129		126		55-140	2		20
Chloroethane	**139**	Q	**139**	Q	55-138	0		20
1,1-Dichloroethene	97		93		61-145	4		20
trans-1,2-Dichloroethene	89		86		70-130	3		20
Trichloroethene	112		109		70-130	3		20
1,2-Dichlorobenzene	102		104		70-130	2		20
1,3-Dichlorobenzene	101		101		70-130	0		20
1,4-Dichlorobenzene	102		101		70-130	1		20
Methyl tert butyl ether	79		80		63-130	1		20
p/m-Xylene	110		108		70-130	2		20
o-Xylene	102		102		70-130	0		20
cis-1,2-Dichloroethene	87		84		70-130	4		20
Dibromomethane	106		107		70-130	1		20
1,2,3-Trichloropropane	114		118		64-130	3		20
Acrylonitrile	84		85		70-130	1		20
Isopropyl Ether	79		78		70-130	1		20
tert-Butyl Alcohol	93		93		70-130	0		20
Styrene	108		112		70-130	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2424 HAMBURG TURNPIKE
Project Number: 0298-014-001

Lab Number: L1401510
Report Date: 01/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG666244-1 WG666244-2								
Dichlorodifluoromethane	130		125		36-147	4		20
Acetone	68		75		58-148	10		20
Carbon disulfide	82		80		51-130	2		20
2-Butanone	111		96		63-138	14		20
Vinyl acetate	79		79		70-130	0		20
4-Methyl-2-pentanone	106		105		59-130	1		20
2-Hexanone	103		107		57-130	4		20
Bromochloromethane	103		89		70-130	15		20
2,2-Dichloropropane	98		84		63-133	15		20
1,2-Dibromoethane	102		104		70-130	2		20
1,3-Dichloropropane	108		109		70-130	1		20
1,1,1,2-Tetrachloroethane	102		102		64-130	0		20
Bromobenzene	93		91		70-130	2		20
n-Butylbenzene	116		119		53-136	3		20
sec-Butylbenzene	108		109		70-130	1		20
tert-Butylbenzene	99		101		70-130	2		20
o-Chlorotoluene	105		106		70-130	1		20
p-Chlorotoluene	99		104		70-130	5		20
1,2-Dibromo-3-chloropropane	105		111		41-144	6		20
Hexachlorobutadiene	97		94		63-130	3		20
Isopropylbenzene	97		97		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 2424 HAMBURG TURNPIKE
Project Number: 0298-014-001

Lab Number: L1401510
Report Date: 01/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG666244-1 WG666244-2								
p-Isopropyltoluene	107		107		70-130	0		20
Naphthalene	98		102		70-130	4		20
n-Propylbenzene	109		108		69-130	1		20
1,2,3-Trichlorobenzene	102		106		70-130	4		20
1,2,4-Trichlorobenzene	98		97		70-130	1		20
1,3,5-Trimethylbenzene	106		108		64-130	2		20
1,2,4-Trimethylbenzene	111		111		70-130	0		20
Methyl Acetate	94		93		70-130	1		20
Ethyl Acetate	111		94		70-130	17		20
Cyclohexane	93		75		70-130	**21**	Q	20
Ethyl-Tert-Butyl-Ether	75		76		70-130	1		20
Tertiary-Amyl Methyl Ether	87		76		66-130	13		20
1,4-Dioxane	117		115		56-162	2		20
Freon-113	73		71		70-130	3		20
1,4-Diethylbenzene	93		97		70-130	4		20
4-Ethyltoluene	94		95		70-130	1		20
1,2,4,5-Tetramethylbenzene	97		98		70-130	1		20
Ethyl ether	92		92		59-134	0		20
trans-1,4-Dichloro-2-butene	71		73		70-130	3		20
Iodomethane	78		80		70-130	3		20
Methyl cyclohexane	99		96		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 2424 HAMBURG TURNPIKE

Project Number: 0298-014-001

Lab Number: L1401510

Report Date: 01/22/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG666244-1 WG666244-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	115		100		70-130
Toluene-d8	105		105		70-130
4-Bromofluorobenzene	91		90		70-130
Dibromofluoromethane	104		90		70-130

Project Name: 2424 HAMBURG TURNPIKE
Project Number: 0298-014-001

Lab Number: L1401510
Report Date: 01/22/14

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information **Custody Seal**

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1401510-01A	Vial HCl preserved	A	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1401510-01B	Vial HCl preserved	A	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1401510-01C	Vial HCl preserved	A	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1401510-02A	Vial HCl preserved	A	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1401510-02B	Vial HCl preserved	A	N/A	2.7	Y	Absent	NYTCL-8260(14)
L1401510-02C	Vial HCl preserved	A	N/A	2.7	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	2424 HAMBURG TURNPIKE	**Lab Number:**	L1401510
Project Number:	0298-014-001	**Report Date:**	01/22/14

GLOSSARY

Acronyms

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NI - Not Ignitable.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit.

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

Report Format: DU Report with 'J' Qualifiers

Project Name:	2424 HAMBURG TURNPIKE	**Lab Number:**	L1401510
Project Number:	0298-014-001	**Report Date:**	01/22/14

Data Qualifiers

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	2424 HAMBURG TURNPIKE	**Lab Number:**	L1401510
Project Number:	0298-014-001	**Report Date:**	01/22/14

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

Last revised December 11, 2013

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

Serial_No:01221414:19

CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 1/16/14

ALPHA Job #: L1401510

ALPHA ANALYTICAL

WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193

MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: Turnkey

Address: 2558 Hamburg Turnpike Buffalo NY 14218

Phone: 716 856 0599

Fax: 716-856-0583

Email:

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 2424 Hamburg Turnpike

Project Location: 2424 Hamburg Turnpike

Project #: 0278-014-001

Project Manager: Mike Lesakowski

ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 1/22/14 Time:

Report Information - Data Deliverables

☐ FAX ☐ EMAIL

☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: TCL+ CP51 VOC	SAMPLE HANDLING	Sample Specific Comments	TOTAL # BOTTLES
01510-01	TMW-2	1-14-14	15:15	GW	PWW	X			3
-02	TMW-3	1-14-14	15:00	GW	PWW	X			3

SAMPLE HANDLING

Filtration

☐ Done ☐ Not needed ☐ Lab to do

Preservation

☐ Lab to do

(Please specify below)

Container Type	
Preservative	

Relinquished By:	Date/Time	Received By:	Date/Time
	1-15-14 1648		1/15/14 1648
	1/15/14 2155		1-15-14 2155
	1/16/14 0022		1/16/14 0022

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)