



Fenley & Nicol
Environmental Inc.

"Solutions at Work"®



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**Status Report
&
Drywell Remediation**

**Uniforms for Industry
129-01 Jamaica Avenue
Richmond Hill, New York 11418**

Prepared For:	Mr. Luis Zarate UFI 129-01 Jamaica Avenue Richmond Hill, New York 11418
Prepared By:	Fenley and Nicol Environmental, Inc 445 Brook Avenue Deer Park, NY 11729
Project Geologist:	Cheryl Neary
F&N Job No.:	0205377
Date:	December 18, 2002

Drywells Remediation

129-01 Jamaica Avenue
Richmond Hill, New York 11418

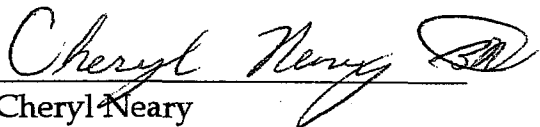
December 18, 2002

Fenley & Nicol Environmental, Inc. (F&N) appreciates the opportunity to work for Mr. Luis Zarate at the property located at 129-01 Jamaica Avenue in Richmond Hill, Queens, New York.

Should you have any questions or comments regarding the contents of this report, please feel free to contact us at your convenience.

Very truly yours,
Fenley & Nicol Environmental, Inc.

Prepared By:


Cheryl Neary
Project Geologist

Reviewed & Approved By:

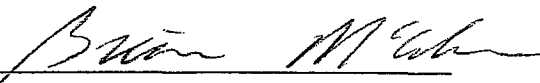

Brian McCabe, Senior Geologist
Assistant Director, Professional Services

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1.0 INTRODUCTION

Fenley & Nicol Environmental, Inc. (F&N) has been retained by Uniform For Industries (UFI) to perform a Drywell Remediation, Sampling of the "diaper lift" and to determine the steps necessary to close the spill number associated with the property located at 129-01 Jamaica Avenue, in Richmond Hill, New York. The scope of work is based on the recommendations from the Phase I that was performed by F&N in June 2002.

1.1 Site Vicinity

The subject property is situated on the north side of Jamaica Avenue, west of and adjacent to the Long Island Railroad tracks in Richmond Hill, New York. Richmond Hill is located in the central portion of Queens County, New York.

Figure 1 provides a Site Location Map/ Site Plan.

The vicinity of the site consists of a combination of light industrial, commercial and residential properties. The land in the vicinity of the site consists of asphalt and concrete surfaces, as well as, landscaped areas in the vicinity of the residential properties.

1.2 Site Details

The subject site is comprised of addresses 129-01 through 129-09 Jamaica Avenue. UFI utilizes the subject property as the main plant for commercial laundry processes. At the time of the site inspection in June 2002, the main plant was utilized for the cleaning of garments, diapers, mops and rugs. Portions of the facility are also utilized for the storage of new garments and the repair of damaged garments. Spill number 91-01477 is associated with the property.

Two (2) drainage structures are located on the eastern portion of the property, within an active driveway. The structures were identified as DW-1 and DW-2 on the initial site plan submitted with the Phase I. Based on fieldwork performed during remediation of the structures, it was determined that the structure originally identified as DW-2 is actually a catch basin with a concrete bottom.

A hydraulic lift is located in the western portion of the building. The lift is identified as "diaper lift" since the lift was utilized for the diaper service portion of the operations.

1.3 Local Geology

The site is located in the central portion of Queens County, New York. The elevation of the subject property is approximately 60 feet above mean sea level (*U.S.G.S. Jamaica, New York Quadrangle, 1979*).

The depth to groundwater in the vicinity of the subject property is approximately 40-45 feet below grade. The groundwater flow direction beneath the subject property, as determined from the Department of Public Works Upper Glacial Aquifer Map (March 1998) is toward the south.

2.0 SCOPE OF WORK

The scope of work for the Drywell Remediation & diaper lift sampling consisted of the following activities:

- Utilization of a Guzzler[®] Truck to vacuum contaminated soil from the sides and bottom of structures
- Collection of end-point samples from drywell
- Diaper lift sampling
- Field analysis of end-point samples
- Laboratory analysis of end-point samples

Field instruments, such as a Photoionization Detector (PID), are useful for making on-the-spot analyses for contamination, providing immediate data on petroleum and chemical vapors in soil or water to justify on-site decisions for excavation and to determine optimal locations for soil/water sampling. The results of such analyses can show whether the site is contaminated and needs further investigation or can be closed. Generally, a PID is only useful for certain products that have volatile components, such as gasoline and are less effective for products with lower volatility such as heavy fuel oil. Furthermore, the PID cannot detect vapors at concentrations below 0.5 parts per million (ppm). Instrument readings have also shown a poor correlation with laboratory results, especially in situations where the spill has weathered or when the soil is contaminated by migrating vapors as opposed to free product. Despite these limitations, the PID is a useful direct read-out device for the initial screening of site conditions.

On October 18, 2002, an F&N crew was on site to perform the remediation of the drywell and catch basin. Prior to removing any sediment, a total of 2,612 gallons of water was vacuumed from the drywell and catch basin. The Guzzler was utilized to remove sediment from the sides and bottom of the structures.

The contaminated soils are a denser composition than the relatively clean soils beneath, thus throughout the procedure, the walls were manually scraped to enhance the recovery of contaminated soils. To protect the integrity of the construction of the drywell, the guzzling operation was halted at a depth of four (4) feet below the bottom of the structure.

An endpoint sample was obtained at an approximate depth of one foot below the remediated depth of the drywell. The endpoint sample was collected and field screened utilizing a mini-Rae® PID. The result of the PID analysis was 0.1 ppm with no visual or olfactory evidence of contamination. No endpoint sample was obtained from the catch basin due to the presence of a solid bottom.

Approximately 28 tons of sludge was removed from the drywell and catch basin and placed in a roll-off. A waste characterization sample was obtained from the roll-off for waste disposal purposes.

Appendix A provides Copies of the Waste Manifest.

The endpoint sample obtained from the drywell was placed into the proper container for analysis and packed in a cooler filled with ice. The endpoint sample was transported under proper chain of custody to a state-certified laboratory and analyzed for SCDHS parameters for drywells: Volatile Organic Compounds (VOC), Semi-Volatile Organic Compounds (SVOC) and Metals.

On November 1, 2002, a sample was collected from the diaper lift located on the western portion of the building. The sample was placed into proper container for analysis and packed in a cooler filled with ice. The sample was transported under proper chain of custody to a state-certified laboratory and analyzed for Polychlorinated Biphenyl (PCB).

3.0 ANALYTICAL RESULTS

3.1 Endpoint Results

Table 1 provides the results of the VOC portion of the analysis and Table 2 provides the results of the SVOC portion of the analysis. All results are compared to their respective Recommended Soil Cleanup Objectives according to NYSDEC Technical Administrative Guidance Memorandum (TAGM) #4046. All concentrations in Table 1 and Table 2 are reported as micrograms per kilogram ($\mu\text{g}/\text{kg}$).

Appendix B provides Laboratory Analytical Results.

Table 1 (VOCs)
EPA Method 8260 Endpoint Results DW-1 (µg/kg)
UFI 129-01 Jamaica Avenue Richmond Hill NY

Compound	DW-1	Soil Cleanup Guidelines	Compound	DW-1	Soil Cleanup Objectives
Benzene	<5	60	2,2- Dichloropropane	<5	NS
Bromobenzene	<5	NS	1,1- Dichloropropene	<5	NS
Bromochloromethane	<5	NS	Ethylbenzene	<5	5,500
Bromodichloromethane	<5	NS	Hexachlorobutadiene	<5	NS
Bromoform	<5	NS	Isopropylbenzene	<5	NS
Bromomethane	<5	NS	p-Isopropyltoluene	<5	NS
n-Butylbenzene	<5	NS	Methylene Chloride	<5	100
sec-Butylbenzene	6	NS	Naphthalene	<5	NS
tert-Butylbenzene	<5	NS	n-Propylbenzene	<5	NS
Carbon Tetrachloride	<5	600	Styrene	<5	NS
Chlorobenzene	<5	1,700	1,1,1,2- Tetrachloroethane	<5	NS
Chlorodibromomethane	<5	NS	1,1,2,2- Tetrachloroethane	<5	600
Chloroethane	<5	1,900	Tetrachloroethene	<5	1,400
Chloroform	<5	300	Toluene	<5	1,500
Chloromethane	<5	NS	1,2,3-Trichlorobenzene	<5	NS
2-Chlorotoluene	<5	NS	1,2,4-Trichlorobenzene	<5	3,400
4-Chlorotoluene	<5	NS	1,1,1-Trichloroethane	<5	800
1,2-Dibromo-3- Chloropropane	<5	NS	1,1,2-Trichloroethane	<5	NS
1,2-Dibromoethane	<5	NS	Trichloroethene	<5	700
Dibromomethane	<5	NS	Trichlorofluoromethane	<5	NS
1,2-Dichlorobenzene	<5	7,900	1,2,3-Trichloropropane	<5	400
1,3-Dichlorobenzene	<5	1,600	1,3,5-Trimethylbenzene	17	NS
1,4-Dichlorobenzene	<5	8,500	1,2,4-Trimethylbenzene	18	NS
Dichlorodifluoromethane	<5	NS	Vinyl Chloride	<5	200
1,1-Dichloroethane	<5	200	Acetone	<50.0	200
1,2-Dichloroethane	<5	100	Carbon Disulfide	<5	2,700
1,1-Dichloroethene	<5	400	2-Butanone	<10.0	300
Cis-1,2-Dichloroethene	<5	300	Vinyl Acetate	<5	NS
trans-1,2-Dichloroethene	<5	300	2-Hexanone	<5	NS
1,2- Dichloropropane	<5	NS	p & m-Xylene	<10.0	1,200
1,3- Dichloropropane	<5	300	o-Xylene	<5	1,200
MTBE	<5	120			

NS: No Standard

A review of Table 1 indicates that there are no VOCs present in the sample obtained from drywell DW-1 at concentrations exceeding their respective Soil Cleanup Objectives.

Table 2 (SVOCs)
EPA Method 8270 Endpoint Results DW-1 (µg/kg)
UFI 129-01 Jamaica Avenue Richmond Hill NY

Compound	DW-1	Soil Cleanup Guidelines	Compound	DW-1	Soil Cleanup Objective
Bis(2-Chloroethyl)Ether	<40	NS	4-Chlorophenyl Phenyl ether	<40	NS
1,3-Dichlorobenzene	<40	NS	Diethylphthalate	<40	7,100
1,4-Dichlorobenzene	<40	NS	4-Bromophenyl-Phenyl Ether	<40	NS
1,2-Dichlorobenzene	<40	NS	Hexachlorobenzene	<40	410
Bis(2-Chloroisopropyl) Ether	<40	NS	Phenanthrene	<40	50,000
Hexachloroethane	<40	NS	Anthracene	<40	50,000
N-Nitrosodi-n-Propyl Amine	<40	NS	Di-n-Butylphthalate	<40	8,100
Nitrobenzene	<40	200	Fluoranthene	<40	50,000
Isophorone	<40	4,400	Pyrene	<40	50,000
Bis(2-Chloroethoxy) Methane	<40	NS	Butylbenzylphthalate	<40	50,000
1,2,4-Trichlorobenzene	<40	NS	3,3-Dichlorobenzidine	<40	NA
Naphthalene	<40	13,000	Benzo-a-Anthracene	<40	224
Hexachlorobutadiene	<40	NS	Chrysene	<40	400
Hexachlorocyclopentadiene	<66	NS	Bis(2-Ethylhexyl)Phthalate	291	50,000
2-Chloronaphthalene	<40	NS	Di-n-Octylphthalate	<40	50,000
Acenaphthylene	<40	41,000	Benzo-b-Fluoroanthene	<40	1,100
Dimethylphthalate	<40	NS	Benzo-k-Fluoroanthene	<40	1,100
2,6-Dinitrotoluene	<40	1,000	Benzo-a-Pyrene	<40	61
Acenaphthene	<40	50,000	Indeno(1,2,3-c,d) Pyrene	<40	3,200
2,4-Dinitrotoluene	<40	NS	Dibenzo-a,h-Anthracene	<40	14
Fluorene	<40	50,000	Benzo-g,h,i-Perylene	<40	50,000

NS: No Standard

NA: Not Applicable

A review of Table 2 indicates that there are no SVOCs present in the sample obtained from drywell DW-1 at concentrations exceeding their respective Soil Cleanup Objectives.

Table 3 provides the results of the metals portion of the analysis. All results are compared to their Recommended Soil Cleanup Objective according to NYSDEC TAGM #4046. All concentrations in Table 3 are reported as milligrams per kilogram (mg/kg).

Table 3
End Point Results-Metals (mg/kg)
UFI 129-01 Jamaica Avenue Richmond Hill NY

Metal	DW-1	Soil Cleanup Objective
Silver	<1.65	SB
Arsenic	<1.65	7.5
Barium	13.4	300
Cadmium	<1.00	1
Chromium	6.7	10
Mercury	<0.020	0.1
Lead	3.1	SB
Selenium	<1.65	2

SB . .Site Background

A review of Table 3 indicates that there no metals present in drywell DW-1 exceeding their respective Soil Cleanup Objectives.

3.2 Lift Sample

Table 4 provides the results of the diaper lift PCB analysis. All concentrations in Table 4 are reported as micrograms per kilogram (µg/kg).

Table 4
Diaper Lift Sample Results PCB (ug/kg)
UFI 129-01 Jamaica Avenue Richmond Hill NY

Parameters	PCB Results
Arochlor-1016	<2,000
Arochlor-1221	<2,000
Arochlor-1232	<2,000
Arochlor-1242	<2,000
Arochlor-1248	<2,000
Arochlor-1254	<2,000
Arochlor-1260	<2,000

A review of Table 4 indicates that no PCBs were detected in the diaper lift sample.

The result of the waste characterization analysis indicates that the sludge removed from the drywell was hazardous and contained levels of Tetrachloroethylene.

4.0 SPILL INVESTIGATION

The subject property is listed in the Spills database. An active spill is listed for the property located at 129-01 Jamaica Avenue. Spill number 9101477 was issued for the release of unknown material in a 3,000 gallon tank which failed the routine tank test.

Under the Freedom of Information Act, F&N has requested information from the New York State Department of Environmental Conservation (NYSDEC) Region II. To date, no information has been obtained from the DEC.

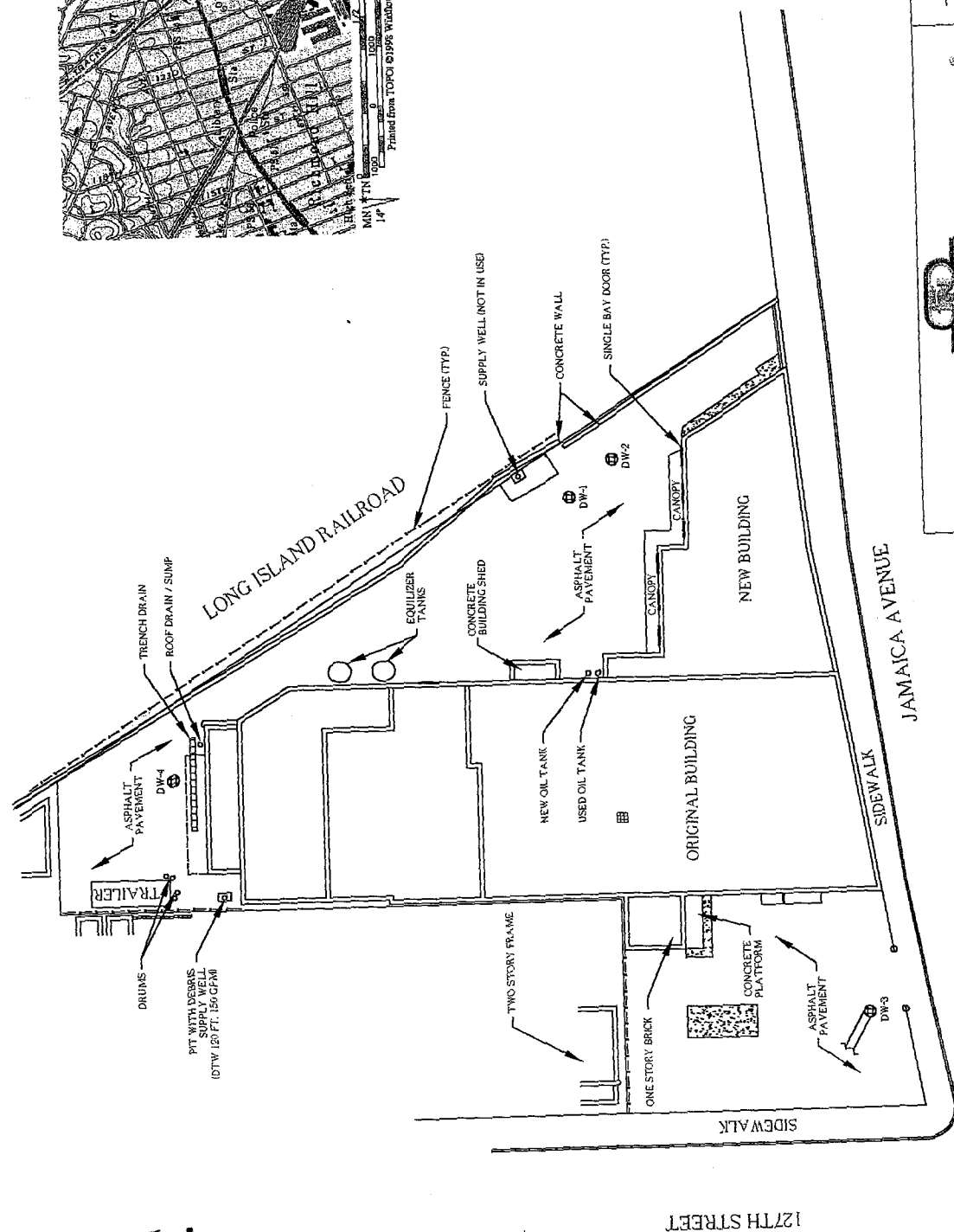
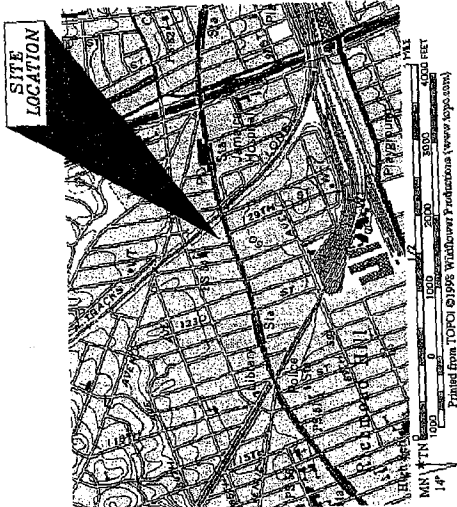
5.0 SUMMARY & DISCUSSION

- The remediation of the drywell DW-1 and catch basin was performed on October 18, 2003. Approximately twenty (20) yards of soil/sludge was removed with the Guzzler truck and disposed at a licensed waste disposal facility.
- An endpoint sample taken from drywell DW-1 indicates that there are no petroleum or metal constituents present in the drywell exceeding their respective Cleanup Standards.
- A waste characterization sample was obtained from the removed soil and the result indicates that it contained chlorinated solvents at a level which resulted in the waste being characterized as hazardous.
- The diaper lift in the western side of the building was sampled on November 1, 2003. The results indicate that there are no PCBs present in the sample obtained from the lift.
- Under the Freedom of Information Act, F&N has requested information from the New York State Department of Environmental Conservation (NYSDEC) Region II concerning spill # 9101477 assigned to the site. To date, no information has been obtained from the DEC.

6.0 RECOMMENDATIONS

Based on the above discussion of the analytical results, F&N believes the property's environmental integrity has not been compromised by the drywell, therefore no further work is required concerning the drywell. In addition, upon gaining access to the DEC file, a proper course of action can be taken to obtain closure to the active spill number associated with the UST located in the western parking lot.

Figure 1
Site Location Map/Site Plan



LEGEND

- FLOOR DRAIN LOCATION
- DRYWELL LOCATION



FIGURE 1 - SITE PLAN BUILDING AND PROPERTY

129-01 JAMAICA AVENUE
RICHMOND HILL, N. Y.

Penley & Nicol Environmental, Inc. <i>Professional & Scientific Services Corporation</i> 4-45 BROAD AVENUE, DEER PARK, NEW YORK 11725 (516) 558-4500			
SCALE: 1"=50'-0"	DESIGNED BY: B. MCC.	PROJECT: 0205377	
DATE: 6/02	APPROVED BY: A. E.	PROJECT NAME: SP.DWG	

Appendix A
Waste Manifest



State of New Jersey
Department of Environmental Protection
Hazardous Waste Regulation Program
Manifest Section



P.O. Box 414, Trenton, NJ 08620-0414

4133909

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

Form Approved

OMB No. 2050-0038

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address UNIFORM FOR INDUSTRY 129-01 JAMAICA AVE RICHMOND HILL NY 11418				A. State Manifest Document Number NJA 4133909		
4. Generator's Phone () 516-840-8400				B. State Generator's ID (Gen. Site Address) 145 BRAD AVE DEAR PARK NY 11724		
5. Transporter 1 Company Name ALLSTATE WASTE WARE				C. State Trans. ID-NJDEP SOUTH		
6. Transporter 1 US EPA ID Number 101110112341234567				Decal No. -		
7. Transporter 2 Company Name				D. Transporter's Phone () 732-815-0220		
8. Transporter 2 US EPA ID Number				E. State Trans. ID-NJDEP		
9. Designated Facility Name and Site Address CLEAN EARTH OF NORTH JERSEY, INC. 105 JACKSON AVENUE SOUTH KENNY NJ 07097				Decal No. -		
10. US EPA ID Number				F. Transporter's Phone ()		
11. US DOT Description (including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group) HM				G. State Facility's ID		
12. Containers No. Type				13. Total Quantity		
14. Unit Wt/Vol				1. Waste No.		
a. 1 00 HAZARDOUS WASTE SOLID, NOS 4 HAZOT7 REG. 111 1111111111111111				20 y		
b.						
c.						
d.						
J. Additional Descriptions for Materials Listed Above T/S 0.6 PPH ATETRAHA 1111111111111111				K. Handling Codes for Wastes Listed Above		
a.				a.		
b.				b.		
15. Special Handling Instructions and Additional Information NONHAZARDOUS SOLID				16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.		
Printed/Typed Name Donas Hickson				Signature [Signature]		
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name [Name]				Signature [Signature]		
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name				Signature [Signature]		
19. Discrepancy Indication Space Signed on 1/1/12 by [Name] for [Name] at [Address]						
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19 Printed/Typed Name				Signature [Signature]		

FENLEY & NICOL ENVIRONMENTAL INC.
NON-HAZARDOUS / NON-REGULATED WASTE MANIFEST

PLEASE TYPE OR PRINT CLEARLY

JOB # 0205374

DATE 10-12-02

MANIFEST # No. 14889

GENERATOR OF WASTE

NAME Uniform Tool Industries

ADDRESS 129-01 Jamaica Avenue

PHONE NUMBER (718) 746-2900 ext 295

SITE LOCATION Richmond Hill, N.Y.

IDENTIFICATION OF WASTE

PROPER U.S. D.O.T. SHIPPING NAME 1 STATE CODE CONTAINER TYPE QTY.

Spill # (if applicable)	ERG #		

GENERATOR'S CLASSIFICATION

This is to certify that the herein named materials are properly described, classified and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, Environmental Protection Administration and Local State regulations. The wastes are described herein were consigned to the transporter named. The TSD Facility can and will accept the shipment of waste, and has a valid permit to do so. I certify that the foregoing is true and correct to the best of my knowledge.

GENERATOR'S CONTACT SUPERVISOR J. Rodriguez and/or (Authorized Agent) please print or type

SUPERVISOR'S SIGNATURE J. Rodriguez TITLE Sec. Manager

TRANSPORTER NAME AND ADDRESS (#1) 30 50 15 (#2) 30 50 15

NAME FENLEY & NICOL ENVIRONMENTAL INC. NAME

ADDRESS 445 BROOK AVENUE, DEER PARK, NY 11729 ADDRESS

PHONE NUMBER 24 Hour Emergency# (516) 586-4900 PHONE NUMBER

RIVER'S NAME John Pate/SIGNATURE DRIVER'S NAME SIGNATURE

INDUSTRIAL WASTE HAULER PERMIT # 1A-036 VEHICLE PLATE # 34782 JE INDUSTRIAL WASTE HAULER PERMIT # VEHICLE PLATE #

DISPOSAL SITE (Must be filled in by disposal site)

NAME OF FACILITY ALLIED - Roll-off

ADDRESS OF FACILITY

PHONE NUMBER

This load was received as stated by generator YES ☐ NO ☐

DISPOSAL SITE IDENTIFICATION NUMBER (if applicable)

DISPOSAL SITE INSPECTOR NAME

SIGNATURE DATE

FENLEY & NICOL ENVIRONMENTAL, INC.
NON-HAZARDOUS / NON-REGULATED WASTE MANIFEST

PLEASE TYPE OR PRINT CLEARLY

JOB #

0205374

DATE

10-18-02

MANIFEST #

No. 14828

GENERATOR OF WASTE

NAME

UNION FOR INDUSTRY

ADDRESS

129-01 TAMAICA AVE

PHONE NUMBER

Richmond Hill

SITE LOCATION

NY

IDENTIFICATION OF WASTE

PROPER U.S. D.O.T. SHIPPING NAME

STATE CODE

CONTAINER TYPE

QTY.

GROUNDWATER / as petroleum products	NY	T. / T	26 / 2
Spill # (if applicable)	ERG #		GAIS TOTAL

GENERATOR'S CLASSIFICATION

This is to certify that the herein named materials are properly described, classified and are in proper condition for transportation according to the applicable regulations of the Department of Transportation, Environmental Protection Administration and Local State regulations. The wastes are described herein were consigned to the transporter named. The TSD Facility can and will accept the shipment of waste, and has a valid permit to do so. I certify that the foregoing is true and correct to the best of my knowledge.

GENERATOR'S CONTACT SUPERVISOR
and/or (Authorized Agent)

please print or type

SUPERVISOR'S SIGNATURE

TITLE

TRANSPORTER NAME AND ADDRESS (#1)

(#2)

NAME FENLEY & NICOL ENVIRONMENTAL, INC.

NAME

ADDRESS 445 BROOK AVENUE, DEER PARK, NY 11729

ADDRESS

PHONE NUMBER 24 Hour Emergency# (516) 586-4900

PHONE NUMBER

DRIVER'S NAME SIGNATURE

DRIVER'S NAME SIGNATURE

INDUSTRIAL WASTE HAULER PERMIT # 1A-036 VEHICLE PLATE #

INDUSTRIAL WASTE HAULER PERMIT # VEHICLE PLATE #

DISPOSAL SITE (Must be filled in by disposal site)

NAME OF FACILITY

ADDRESS OF FACILITY

Fenley & Nicol Environmental, Inc.

445 Brook Avenue

PHONE NUMBER

Deer Park, NY 11729

This load was received as stated by generator

YES



NO



DISPOSAL SITE IDENTIFICATION NUMBER (if applicable)

DISPOSAL SITE INSPECTOR NAME

Tom Hudson

SIGNATURE

Thomas Hudson

DATE

10-18-02

Appendix B
Laboratory Results



Page 1 of 5

October 28, 2002

Stephanie Salvemini
Fenley & Nicol
445 Brook Avenue
Deer Park, NY, 11729

Re: UFI

Dear Ms. Salvemini:

Enclosed please find the Laboratory Analysis Report(s) for sample(s) received October 18, 2002. Long Island Analytical Laboratories, Inc. analyzed the samples October 25, 2002 for the following:

CLIENT ID	ANALYSIS
DW-1	EPA 8260, EPA 8270BN

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

Long Island Analytical Laboratories, Inc.

Client: Fenley & Nicol	Client ID: UFI DW-1
Date received: 10/18/02	Laboratory ID: 0226652A
Date extracted: 10/23/02	Matrix: Soil
Date analyzed: 10/23/02	ELAP #: 11693

EPA METHOD 8260

Parameter	CAS No.	Results ug/kg
BENZENE	71-43-2	<5
BROMOBENZENE	108-86-1	<5
BROMOCHLOROMETHANE	74-97-5	<5
BROMODICHLOROMETHANE	75-27-4	<5
BROMOFORM	75-25-2	<5
BROMOMETHANE	74-83-9	<5
n-BUTYLBENZENE	104-51-8	<5
sec-BUTYLBENZENE	135-98-8	6
tert-BUTYLBENZENE	98-06-6	<5
CARBON TETRACHLORIDE	56-23-5	<5
CHLOROBENZENE	108-90-7	<5
CHLORODIBROMOMETHANE	124-48-1	<5
CHLOROETHANE	75-00-3	<5
CHLOROFORM	67-66-3	<5
CHLOROMETHANE	74-87-3	<5
2-CHLOROTOLUENE	95-49-8	<5
4-CHLOROTOLUENE	106-43-4	<5
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	<5
1,2-DIBROMOETHANE	106-93-4	<5
DIBROMOMETHANE	74-95-3	<5
1,2-DICHLOROBENZENE	95-50-1	<5
1,3-DICHLOROBENZENE	541-73-1	<5
1,4-DICHLOROBENZENE	106-46-7	<5
DICHLORODIFLUOROMETHANE	75-71-8	<5
1,1-DICHLOROETHANE	75-34-3	<5
1,2-DICHLOROETHANE	107-06-2	<5
1,1-DICHLOROETHENE	75-35-4	<5
cis-1,2-DICHLOROETHENE	156-59-2	<5
trans-1,2-DICHLOROETHENE	156-60-5	<5
1,2-DICHLOROPROPANE	78-87-5	<5
1,3-DICHLOROPROPANE	142-28-9	<5
2,2-DICHLOROPROPANE	594-20-7	<5



**LONG
ISLAND
ANALYTICAL
LABORATORIES INC.**

101-4 Colin Drive • Holbrook, New York 11741

"TOMORROW'S ANALYTICAL SOLUTIONS TODAY"

Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Fenley & Nicol	Client ID: UFI DW-1
Date received: 10/18/02	Laboratory ID: 0226652A
Date extracted: 10/23/02	Matrix: Soil
Date analyzed: 10/23/02	ELAP #: 11693

EPA METHOD 8260

Parameter	CAS No.	Results ug/kg
1,1-DICHLOROPROPENE	563-58-6	<5
ETHYLBENZENE	100-41-4	<5
HEXACHLOROBUTADIENE	87-68-3	<5
ISOPROPYLBENZENE	98-82-8	<5
p-ISOPROPYLTOLUENE	99-87-6	<5
METHYLENE CHLORIDE	75-09-2	<5
NAPHTHALENE	91-20-3	<5
n-PROPYLBENZENE	103-65-1	<5
STYRENE	100-42-5	<5
1,1,1,2-TETRACHLOROETHANE	630-20-6	<5
1,1,2,2-TETRACHLOROETHANE	79-34-5	<5
TETRACHLOROETHENE	127-18-4	<5
TOLUENE	108-88-3	<5
1,2,3-TRICHLOROBENZENE	87-61-6	<5
1,2,4-TRICHLOROBENZENE	120-82-1	<5
1,1,1-TRICHLOROETHANE	71-55-6	<5
1,1,2-TRICHLOROETHANE	79-00-5	<5
TRICHLOROETHENE	79-01-6	<5
TRICHLOROFLUOROMETHANE	75-69-4	<5
1,2,3-TRICHLOROPROPANE	96-18-4	<5
1,3,5-TRIMETHYLBENZENE	108-67-8	17
1,2,4-TRIMETHYLBENZENE	95-63-6	18
VINYL CHLORIDE	75-01-4	<5
ACETONE	67-64-1	<50
CARBON DISULFIDE	75-15-0	<5
2-BUTANONE (MEK)	78-93-3	<10
VINYL ACETATE	108-05-4	<5
2-HEXANONE	591-78-6	<5
p & m-XYLENE	1330-20-7	<10
o-XYLENE	1330-20-7	<5
MTBE	1634-04-4	<5



Laboratory Director



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Client: Fenley & Nicol	Client ID: UFI DW-1
Date received: 10/18/02	Laboratory ID: 0226652A
Date extracted: 10/25/02	Matrix: Soil
Date analyzed: 10/25/02	ELAP #: 11693

EPA METHOD 8270(BN)

Parameter	CAS No.	Results ug/kg
Bis(2-CHLOROETHYL)ETHER	111-44-4	<40
1,3-DICHLOROBENZENE	541-73-1	<40
1,4-DICHLOROBENZENE	106-46-7	<40
1,2-DICHLOROBENZENE	95-50-1	<40
Bis(2-CHLOROISOPROPYL)ETHER	108-60-1	<40
HEXACHLOROETHANE	67-72-1	<40
N-NITROSODI-n-PROPYL AMINE	621-64-7	<40
NITROBENZENE	98-95-3	<40
ISOPHORONE	78-59-1	<40
Bis(2-CHLOROETHOXY)METHANE	111-91-1	<40
1,2,4-TRICHLOROBENZENE	120-82-1	<40
NAPHTHALENE	91-20-3	<40
HEXACHLOROBUTADIENE	87-68-3	<40
HEXACHLOROCYCLOPENTADIENE	77-47-4	<66
2-CHLORONAPHTHALENE	91-58-7	<40
ACENAPHTHYLENE	208-96-8	<40
DIMETHYLPHTHALATE	131-11-3	<40
2,6-DINITROTOLUENE	606-20-2	<40
ACENAPHTHENE	83-32-9	<40
2,4-DINTROTOLUENE	121-14-2	<40
FLUORENE	86-73-7	<40
4-CHLOROPHENYL PHENYL ETHER	7005-72-3	<40



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Client: Fenley & Nicol	Client ID: UFI DW-1
Date received: 10/18/02	Laboratory ID: 0226652A
Date extracted: 10/25/02	Matrix: Soil
Date analyzed: 10/25/02	ELAP #: 11693

EPA METHOD 8270(BN)

Parameter	CAS No.	Results ug/kg
DIETHYLPHTHALATE	84-66-2	<40
4-BROMOPHENYL-PHENYL ETHER	101-55-3	<40
HEXACHLOROBENZENE	118-74-1	<40
PHENANTHRENE	85-01-8	<40
ANTHRACENE	120-12-7	<40
Di-n-BUTYLPHTHALATE	84-74-2	<40
FLUORANTHENE	206-44-0	<40
PYRENE	129-00-0	<40
BUTYLBENZYLPHTHALATE	85-68-7	<40
3,3-DICHLOROBENZIDINE	91-94-1	<40
BENZO-a-ANTHRACENE	56-55-3	<40
CHRYSENE	218-01-9	<40
Bis(2-ETHYLEXYL)PHTALATE	117-81-7	291
DI-n-OCTYLPHTHALATE	117-84-0	<40
BENZO-b-FLUOROANTHENE	205-99-2	<40
BENZO-k- FLUOROANTHENE	207-08-9	<40
BENZO-a-PYRENE	50-32-8	<40
INDENO(1,2,3-c,d)PYRENE	193-39-5	<40
DIBENZO-a,h-ANTHRACENE	53-70-3	<40
BENZO-g,h,i-PERYLENE	191-24-2	<40

Michael Veraldi

Laboratory Director



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Client: Fenley & Nicol	Client ID: UFI, 129-01 Jamaica Ave DW-1
Date received: 10/18/02	Laboratory ID: 0226652
Date extracted: 10/23/02	Matrix: Soil
Date analyzed: 10/23/02	ELAP #: 11693

METALS ANALYSIS 8 RCRA

Parameter	MDL	Results mg/kg
SILVER, Ag	1.65 mg/kg	<1.65
ARSENIC, As	1.65 mg/kg	<1.65
BARIUM, Ba	3.33 mg/kg	13.4
CADMIUM, Cd	1.00 mg/kg	<1.00
CHROMIUM, Cr	1.65 mg/kg	6.7
MERCURY, Hg	0.020 mg/kg	<0.020
LEAD, Pb	1.65 mg/kg	3.1
SELENIUM, Se	1.65 mg/kg	<1.65

Performed by SW-846 Method 6010

Michael Venzel

Laboratory Director



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CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

[illegible]



Page 1 of 2

November 21, 2002

Fenley & Nicol
Caryn Silverstein
445 Brook Avenue
Deer Park, NY, 11729

Re: UFI

Dear Ms. Silverstein:

Enclosed please find the Laboratory Analysis Report(s) for sample(s) received November 15, 2002. Long Island Analytical Laboratories, Inc. analyzed the samples November 20, 2002 for the following:

CLIENT ID	ANALYSIS
DL	PCB Scan

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

Long Island Analytical Laboratories, Inc.

Client: Fenley & Nicol	Client ID: UFI DL
Date received: 11/15/02	Laboratory ID: 0229511
Date extracted: 11/20/02	Matrix: Oil
Date analyzed: 11/20/02	ELAP #: 11693

EPA METHOD 608/8080 AROCHLORS

PARAMETER	CAS No.	RESULTS ug/kg
AROCHLOR-1016	12674-11-2	<2,000
AROCHLOR-1221	1104-28-2	<2,000
AROCHLOR-1232	11141-16-5	<2,000
AROCHLOR-1242	53469-21-9	<2,000
AROCHLOR-1248	12672-29-6	<2,000
AROCHLOR-1254	11097-69-1	<2,000
AROCHLOR-1260	11096-82-5	<2,000

Michael Venezia

Laboratory Director

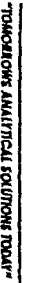


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CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS						CONTACT:		SAMPLER SIGNATURE	DATE	TIME	SAMPLE(S) SEALED	YES / NO	
						PHONE:	FAX:	SAMPLER NAME (PRINT)			CORRECT CONTAINER(S)	YES / NO	
PROJECT LOCATION:						TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month.							
LABORATORY ID #						MATRIX	TYPE	PRES.	SAMPLE # - LOCATION		ANALYSIS REQUIRED		# OF CONTAINERS
RELINQUISHED BY (SIGNATURE)						DATE TIME	PRINTED NAME		RECEIVED BY LAB (SIGNATURE)		DATE TIME	PRINTED NAME	
RELINQUISHED BY (SIGNATURE)						DATE TIME	PRINTED NAME		RECEIVED BY LAB (SIGNATURE)		DATE TIME	PRINTED NAME	



Page 1 of 4

October 25, 2002

Stephanie Salvemini
Fenley & Nicol
445 Brook Avenue
Deer Park, NY, 11729

Re: **UFI 129-01**

Dear Ms. Salvemini:

Enclosed please find the Laboratory Analysis Report(s) for sample(s) received October 23, 2002. Long Island Analytical Laboratories, Inc. analyzed the samples October 24, 2002 for the following:

CLIENT ID	ANALYSIS
Waste Character	TPH 8015, EPA 8260

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

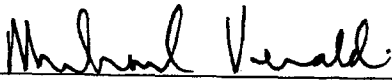
Best Regards,

Long Island Analytical Laboratories, Inc.

Client: Fenley & Nicol	Client ID: UFI 129-01 Waste Character
Date received: 10/23/02	Laboratory ID: 0226791
Date extracted: 10/24/02	Matrix: Soil
Date analyzed: 10/24/02	ELAP #: 11693

EPA 8015 Modified Method

PARAMETER		RESULTS mg/kg	
Total TPH		14,051	
Sample Contains:			
Unknown Composite	Positive	Fuel Oil #3	Negative
Aviation Gas	Negative	Fuel Oil #4	Negative
Unleaded Gasoline	Negative	Fuel Oil #5	Negative
Mineral Spirits	Negative	Fuel Oil #6	Negative
Jet Fuel A	Negative	Kerosene	Negative
Diesel/Fuel #2	Negative	Motor Oil	Negative
Hydraulic Type 1	Negative	SAE 10	Negative
Hydraulic Type 2	Negative	SAE 20	Negative
Hydraulic Type 3	Negative	SAE 30	Negative
Hydraulic Type 4	Negative	SAE 40	Negative


Laboratory Director



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Client: Fenley & Nicol	Client ID: UFI 129-01 Waste Character
Date received: 10/23/02	Laboratory ID: 0226791
Date extracted: 10/23/02	Matrix: Soil
Date analyzed: 10/23/02	ELAP #: 11693

EPA METHOD 8260

Parameter	CAS No.	Results ug/kg
BENZENE	71-43-2	<500
BROMOBENZENE	108-86-1	<500
BROMOCHLOROMETHANE	74-97-5	<500
BROMODICHLOROMETHANE	75-27-4	<500
BROMOFORM	75-25-2	<500
BROMOMETHANE	74-83-9	<500
n-BUTYLBENZENE	104-51-8	<500
sec-BUTYLBENZENE	135-98-8	580
tert-BUTYLBENZENE	98-06-6	<500
CARBON TETRACHLORIDE	56-23-5	<500
CHLOROBENZENE	108-90-7	<500
CHLORODIBROMOMETHANE	124-48-1	<500
CHLOROETHANE	75-00-3	<500
CHLOROFORM	67-66-3	<500
CHLOROMETHANE	74-87-3	<500
2-CHLOROTOLUENE	95-49-8	<500
4-CHLOROTOLUENE	106-43-4	<500
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	<500
1,2-DIBROMOETHANE	106-93-4	<500
DIBROMOMETHANE	74-95-3	<500
1,2-DICHLOROBENZENE	95-50-1	<500
1,3-DICHLOROBENZENE	541-73-1	<500
1,4-DICHLOROBENZENE	106-46-7	<500
DICHLORODIFLUOROMETHANE	75-71-8	<500
1,1-DICHLOROETHANE	75-34-3	<500
1,2-DICHLOROETHANE	107-06-2	<500
1,1-DICHLOROETHENE	75-35-4	<500
cis-1,2-DICHLOROETHENE	156-59-2	<500
trans-1,2-DICHLOROETHENE	156-60-5	<500



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Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialinc.com

Client: Fenley & Nicol	Client ID: UFI 129-01 Waste Character
Date received: 10/23/02	Laboratory ID: 0226791
Date extracted: 10/23/02	Matrix: Soil
Date analyzed: 10/23/02	ELAP #: 11693

EPA METHOD 8260

Parameter	CAS No.	Results ug/kg
1,2-DICHLOROPROPANE	78-87-5	<500
1,3-DICHLOROPROPANE	142-28-9	<500
2,2-DICHLOROPROPANE	594-20-7	<500
1,1-DICHLOROPROPENE	563-58-6	<500
ETHYLBENZENE	100-41-4	<500
HEXACHLOROBUTADIENE	87-68-3	<500
ISOPROPYLBENZENE	98-82-8	<500
p-ISOPROPYLTOLUENE	99-87-6	806
METHYLENE CHLORIDE	75-09-2	<500
NAPHTHALENE	91-20-3	1,292
n-PROPYLBENZENE	103-65-1	<500
STYRENE	100-42-5	<500
1,1,1,2-TETRACHLOROETHANE	630-20-6	<500
1,1,2,2-TETRACHLOROETHANE	79-34-5	<500
TETRACHLOROETHENE	127-18-4	602
TOLUENE	108-88-3	<500
1,2,3-TRICHLOROBENZENE	87-61-6	<500
1,2,4-TRICHLOROBENZENE	120-82-1	<500
1,1,1-TRICHLOROETHANE	71-55-6	<500
1,1,2-TRICHLOROETHANE	79-00-5	<500
TRICHLOROETHENE	79-01-6	<500
TRICHLOROFLUOROMETHANE	75-69-4	<500
1,2,3-TRICHLOROPROPANE	96-18-4	<500
1,3,5-TRIMETHYLBENZENE	108-67-8	7,397
1,2,4-TRIMETHYLBENZENE	95-63-6	3,603
VINYL CHLORIDE	75-01-4	<500
ACETONE	67-64-1	<5,000
CARBON DISULFIDE	75-15-0	<500
2-BUTANONE (MEK)	78-93-3	<1,000
VINYL ACETATE	108-05-4	<500
2-HEXANONE	591-78-6	<500
p & m-XYLENE	1330-20-7	1,330
o-XYLENE	1330-20-7	6,899
MTBE	1634-04-4	<500

MDL's are raised due to target compounds interference.

Michael V. Vardell
Laboratory Director



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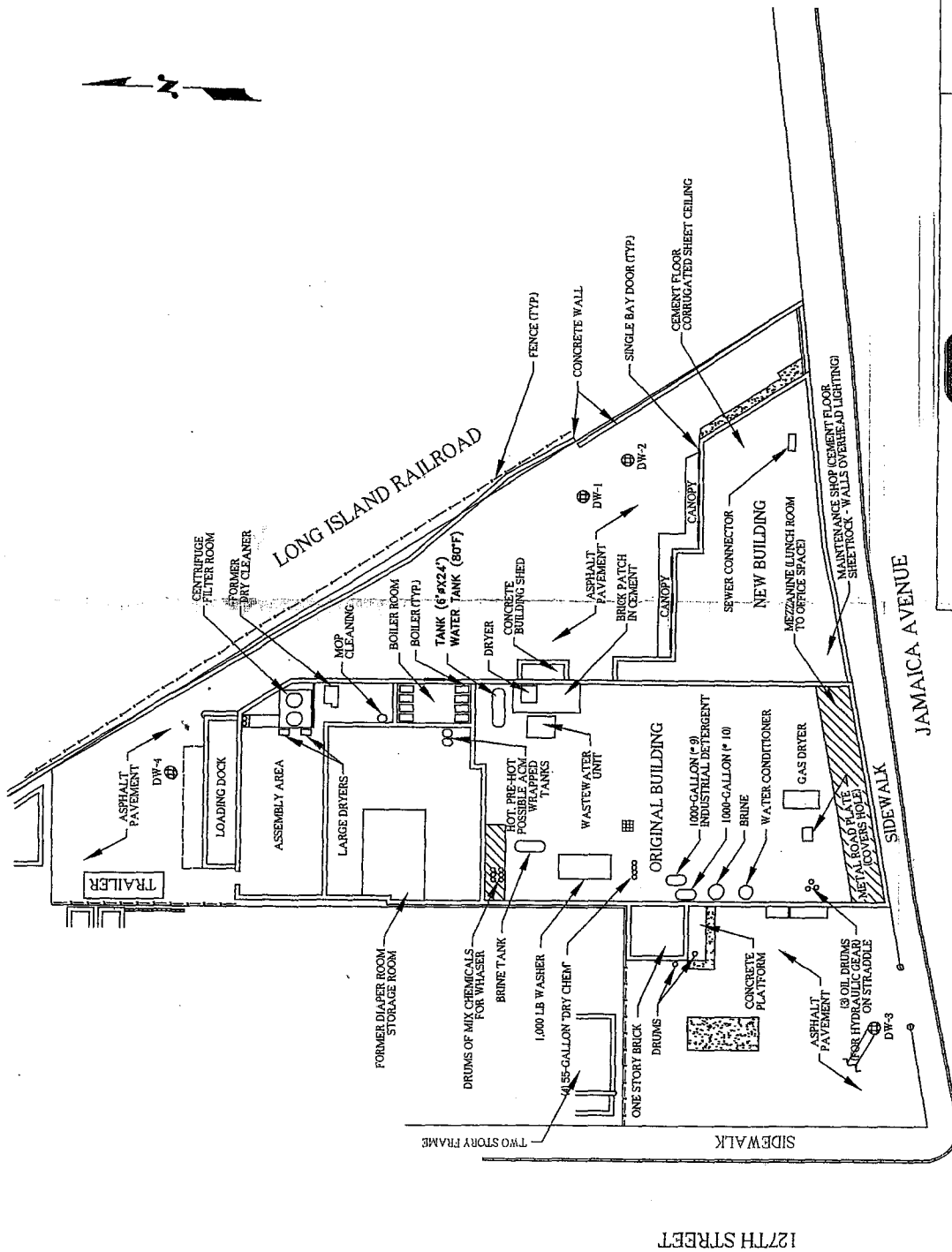


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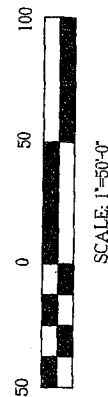
CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS <i>For: 631-472-3400</i> <i>101-4 Collin Drive</i> <i>Holbrook, NY 11741</i>		CONTACT PHONE: <i>631-472-3400</i> FAX: <i>631-472-8505</i>		SAMPLER (SIGNATURE) <i>Stephen Seaton</i>	DATE <i>10/2/02</i>	SAMPLE(S) SEALED YES / NO	
PROJECT LOCATION: <i>UFFI 10901</i>		SAMPLER NAME (PRINT) <i>Stephen Seaton</i>		CORRECT CONTAINER(S) YES / NO			
TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month.		ANALYSIS REQUIRED <i>8015</i> <i>8020</i> <i>1330</i>					
LABORATORY ID # <i>For Laboratory Use Only</i>	MATRIX	TYPE	PRES.	SAMPLE # - LOCATION <i>White Powder</i>		# OF CONTAINERS <i>1</i>	
1.	<i>S</i>	<i>C</i>					
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
11.							
12.							
13.							
14.							
MATRIX S=SOIL, L=LIQUID, SL=SLUDGE, A=AIR, W=WIRE, P=PAINT CHIPS, B=BULK MATERIAL TYPE G=GRAB, C=COMPOSITE, SS=SPLIT SPOON PRES ICE, HCL, H ₂ SO ₄ , NaOH				TURNAROUND REQUIRED: NORMAL □ STAT □ BY <i>/ /</i>			COMMENTS / INSTRUCTIONS
RELINQUISHED BY (SIGNATURE) <i>Stephen Seaton</i>		DATE TIME <i>10/2/02</i>	PRINTED NAME <i>Stephen Seaton</i>		RECEIVED BY LAB (SIGNATURE) <i>Stephen Seaton</i>	DATE TIME <i>10/2/02</i>	PRINTED NAME
RELINQUISHED BY (SIGNATURE)		DATE TIME	PRINTED NAME		RECEIVED BY SAMPLE CUSTODIAN	DATE TIME	PRINTED NAME



LEGEND

- - FLOOR DRAIN LOCATION
- ⊕ - DRYWELL LOCATION
- ||||| - MEZZANINE



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Professional Services Division
 445 BROOK AVENUE, DEER PARK,
 NEW YORK 11729 (516) 586-4900

SCALE: 1"=50'-0"
 EBDLDBIST, B. McG.
 JOB #: 0205377

FIGURE 2 SITE PLAN INTERNAL BUILDING

129-01 JAMAICA AVENUE
 RICHMOND HILL, N. Y.