Appendix D

User Provided Information

USER QUESTIONNAIRE

AS REQUIRED by ASTM Standard E1527-13 or E 2247-08

Person Completing Questionnaire: Kathy Frosolone

Title / Relation to Site: Integrated Facility Mgr Phone: 585-360-7463

Date: 10/08/15 # Pages Attached: _____

Site Name: Bank of America - Newfane

Site Address: 2700 Main St., Newfane, NY

Please fill in this form to the best of your ability, explaining any Yes answers in the space provided or on a separate sheet of paper. Without response to the User Questionnaire, our report would have to note that the report is incomplete. Please provide response to the User Questionnaire prior to the site reconnaissance.

1. **Environmental Cleanup Liens.** ASTM requires the User to check for environmental liens and Activity and Use Limitations (AULs) that may be filed or recorded against the subject property under federal, tribal, state or local law or to include the review of environmental liens.

   Are you aware of any such liens against the subject property? Yes **X** No ❑ Unknown

2. **Activity and Use Limitations (AULs).** These include engineering controls (e.g., slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place at the subject property or filed under federal, tribal, state or local law.

   Are you aware of any possible AULs involving the subject property? Yes **X** No ❑ Unknown

3. **Specialized Knowledge.** This involves personal knowledge or experience related to the subject property or nearby properties. For example, if you are involved in the same line of business as the current or former occupants of the property or an adjoining property, you may know of any chemicals, oil, degreasers, gasoline, or other hazardous substances commonly used in that type of business.

   Do you have any specialized knowledge that might indicate the past or present use of such substances on the subject or nearby properties Yes **X** No ❑ Unknown

4. **Fair Market Value (FMV).** A purchase price significantly below FMV may indicate an environmental problem. Please note that this question does not require an appraisal of the property. If the price is significantly below FMV, the User should consider whether it might be because contamination may be present at the property.

   Is the purchase price significantly below fair market value? ❑ Yes ❑ No **X** Unknown

5. **Obvious Indicators.** This involves past or present spills, stains, releases, cleanups, etc. on or near the site.

   Do you know of any obvious indicators of possible contamination on or near the site? ❑ Yes x No
   Do you know of spills or other chemical releases that have taken place at the property? ❑ Yes x No
   Do you know of any environmental cleanups that have taken place at the property? ❑ Yes x No

USER QUESTIONNAIRE

AS REQUIRED by ASTM Standard E1527-13 or E 2247-08

6. **Litigation, Administrative Proceedings or Government Notices.**

Do you know of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property? ❑ Yes **X** No

Do you know of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property? ❑ Yes **X** No

Do you know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products? ❑ Yes **X** No

7. **Common Knowledge.** Please use a separate sheet if necessary.

a. Describe the past uses of the property: Unknown

b. Describe any specific chemicals that may have been present at the property: Unknown

c. Describe any other information that may help us identify possible contamination: _____

Additional Information: (Provide herein or indicate attachments)

In 1996-7ish an oil odor was found in the boiler room. Soil samples were taken outside the boiler room and oil was found in the soil. The soil was remediated, 2 old underground tanks were removed, and a ventilation fan was placed to air out the foundation which ran several years.

_____ _____ **# of separate sheets attached**: _____

USER QUESTIONNAIRE

AS REQUIRED by ASTM Standard E1527-13 or E 2247-08

Your Signature **Date**

Photo No. 1	
Description: Roof photo provided by CBRE.	

Photo No. 2	
Description: Roof photo provided by CBRE.	

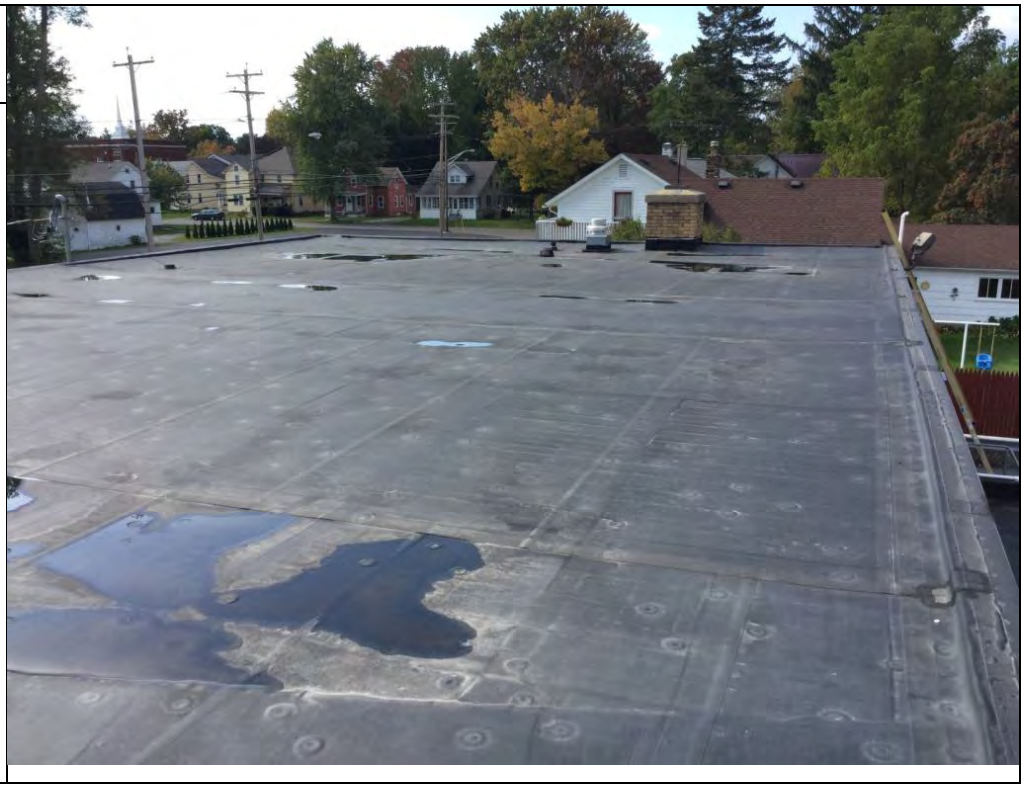
Photo No. 3	
Description: Roof photo provided by CBRE.	

Photo No. 4	
Description: Roof photo provided by CBRE.	

Photo No. 5	
Description: Roof photo provided by CBRE.	

Photo No. 6	
Description: Roof photo provided by CBRE.	

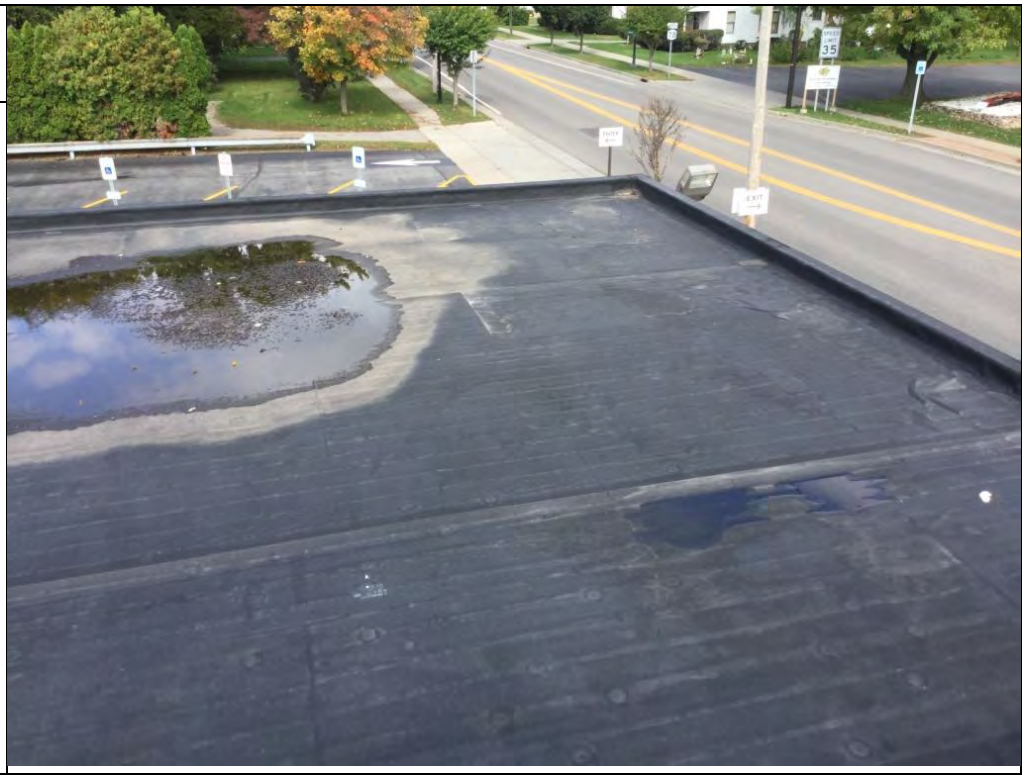
Photo No. 7	
Description: Roof photo provided by CBRE.	

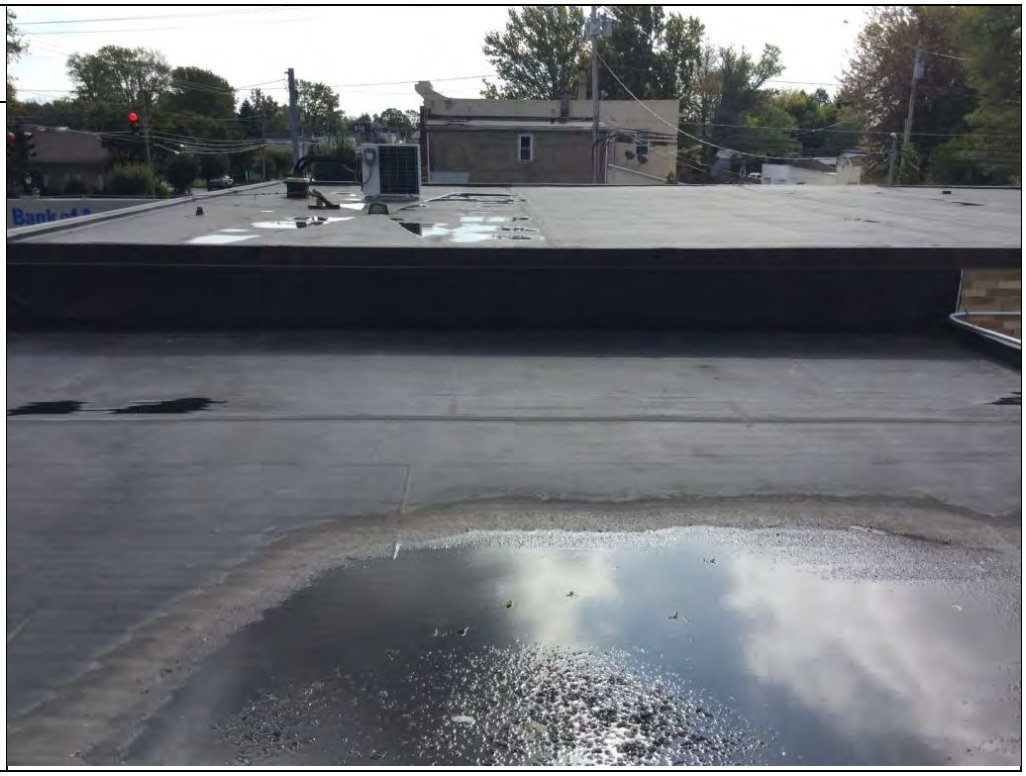
Photo No. 8	
Description: Roof photo provided by CBRE.	

Photo No. 9	
Description: Roof photo provided by CBRE.	

Trammell Crow Company

10 Fountain Plaza
Buffalo, NY 14202
(716) 847-4429 Fax (716) 847-4428

July 18, 1997

Modern Landfill, Inc.
4746 Model City Road
Lewiston, NY 14092

RE: Application for Disposal
Soil Contaminated with Virgin #2 Fuel Oil
Fleet Bank, 2700 Main Street, Newfane, NY

To Whom It May Concern:

Please allow this letter to serve as certification that the soil to be disposed of is contaminated with Virgin #2 fuel oil only, and that there is no other known source or type of contamination associated with the soil in question.

The Virgin #2 fuel oil contaminated soils were excavated during removal of two former underground storage tanks that were the obvious source of contamination.

Sincerely,

TRAMMELL CROW COMPANY

Gary P. Schlegel
Facility Manager

GPS:rmm

.6-7 (10/86)—Text 12

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE - BUREAU OF HAZARDOUS WASTE OPERATIONS
50 WOLF ROAD, ALBANY, NEW YORK 12233-4017

FOR STATE USE ONLY		
SITE NO	APPLICATION NO.	DATE RECEIVED
DEPARTMENT ACTION ☐ Approved ☐ Disapproved		DATE

APPLICATION FOR TREATMENT OR DISPOSAL OF AN INDUSTRIAL WASTE STREAM

SEE APPLICATION INSTRUCTIONS ON REVERSE SIDE

1. NAME OF PROJECT/FACILITY	2. COUNTY	3. SITE NUMBER
MODERN LANDFILL INC	NIAGARA	32N30
4. NAME OF OWNER	**5. ADDRESS (Street, City, State, Zip Code)**	**6. TELEPHONE NO.**
MODERN LANDFILL INC	4746 MODEL CITY RD, MODEL CITY, NY	(716)754-8226
7. NAME OF OPERATOR	**8. ADDRESS (Street, City, State, Zip Code)**	**9. TELEPHONE NO.**
RICHARD WASHUTA	PLETCHER & HAROLD RD, MODEL CITY, NY 14107	(716)754-8226

10. METHOD OF TREATMENT OR DISPOSAL

SANITARY LANDFILL - D90

11. COMPANY GENERATING WASTE	12. ADDRESS OF FACILITY GENERATING WASTE (Street, City, State, Zip Code)	
Fleet Bank	2700 Main St. Newfane, NY 14108	
13. REPRESENTATIVE OF WASTE GENERATOR	**14. MAILING ADDRESS OF REPRESENTATIVE**	**15. TELEPHONE NO.**
NWEC&C, INC + TRAMMELL CROW CO.	3553 Crittenden Rd. Crittenden, NY 14038	716-937-6527

16. DESCRIPTION OF PROCESS PRODUCING WASTE

Removal of leaking underground storage tank

17. EXPECTED ANNUAL WASTE PRODUCTION	18. WASTE HAULED IN	
_____ Tons/Year _____ Gallons/Year	☐ Drums ☐ Bulk Tank ☐ Roll-off Container ☒ Other BULK TRUCK	
19. WASTE COMPOSITION	**19b Physical State**	**19c pH Range**
19a. Average Percent Solids _____	☐ Liquid ☐ Slurry ☐ Sludge ☒ Solid ☐ Contained Gas	_____ to _____

19d COMPONENTS	CONCENTRATION (Dry Weight) Upper	Lower	Typical	UNIT (Check one) Wt.%	PPM
1)				☐	☐
2)				☐	☐
3)				☐	☐
4)				☐	☐

20. IS AN ANALYSIS OF WASTE ATTACHED?	21. WAS AN EP TOXICITY TEST CONDUCTED ON THE WASTE?	22. MATERIAL IS:
☒ Yes ☐ No	☐ Yes ☐ No If "Yes", attach results	☐ Hazardous ☐ Non-Hazardous

23. DETAIL ALL HAZARD AND NUISANCE PROBLEMS ASSOCIATED WITH THE WASTES. List necessary safety, handling, treatment and disposal precautions.

24. WHERE WAS MATERIAL DISPOSED OF PREVIOUSLY?

25. NAME OF WASTE TRANSPORTER	26. ADDRESS (Street, City, State, Zip Code)	27. NYSDEC PERMIT No.	28. TELEPHONE NO.

29. CERTIFICATION

I hereby affirm under penalty of perjury that information provided on this form and attached statements and exhibits is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

a. SIGNATURE AND TITLE OF REPRESENTATIVE OF WASTE GENERATOR — DATE

X Dany P. Schlegel Facility Manager - Trammell Crow

b. SIGNATURE AND TITLE OF REPRESENTATIVE OF TREATMENT OR DISPOSAL FACILITY — DATE

X

GENERATOR WASTE CHARACTERIZATION REPORT

INSTRUCTIONS: The following form is required for disposal of nonhazardous industrial/commercial wastes at Modern Landfill. Please complete all sections of this report. Send completed report along with the analytical, chain of custody and the Application for Disposal of an Industrial Waste Stream (47-19-7) to this office. A separate form is required for each waste stream.

GENERATOR INFORMATION:

Generator Name: Fleet Bank

Generating Facility Address: 2700 Main St. Newfane, NY 14108

Technical Contact: Greg Weber Phone: (716) 937-6527

Alternate Contact: Gary Schlegel Phone: (716) 847-4429

INVOICING INFORMATION:

Contracting Firm: NWEC&C, INC.

Contact: Russ Savage / G. Weber Phone: (716) 937-6527

Do you have an existing account with Modern Landfill? [X] Yes [ ] No

Billing Address: 3553 Crittenden Rd. Crittenden, NY 14038

TRANSPORTER INFORMATION:

Hauler Name: Modern Disposal NYSDEC Permit No. _____

Contact Person: _____ Phone: (___) ___-____

Is Modern Landfill currently on your Transporter Permit: [ ] Yes [ ] No

If no, please enclose a Part C Application to cover this waste stream.

WASTE INFORMATION:

Common name of waste: soil contaminated with virgin heating oil.

Description of process generating this waste: Removal of leaking underground storage tank.

Is this waste hazardous under US EPA Guidelines & 6NYCRR Part 371 (d)? [ ] Yes [ ] No

Indicate the category which best describes this waste stream:

[X] Industrial Waste
[ ] Household Waste
[ ] Commercial Solid Waste
[ ] Construction & Demolition Debris
[ ] Other (Please Specify) _____

PHYSICAL CHARACTERISTICS OF WASTE

The waste is at least 20% solid and contains no free liquid	Yes [ ] No [ ]
The Flashpoint of the waste is >140 F	Yes [ ] No [ ]
The pH level of the waste is between 2.0 and 12.5	Yes [ ] No [ ]
Is the waste reactive (Cyanide/Sulfide)?	Yes [ ] No [ ]
Is the waste free of PCBs?	Yes [ ] No [ ]
Color: _____	Odor: [ ] Strong [ ] Mild [ ] None

TCLP TESTING AND CERTIFICATION

METALS

CONSTITUENT	NON-HAZARDOUS LIMIT (mg/l)	PRESENT	NOT PRESENT
ARSENIC	5.0		
BARIUM	100.0		
CADMIUM	1.0		
CHROMIUM	5.0		
LEAD	5.0		
MERCURY	0.2		
SELENIUM	1.0		
SILVER	5.0		

HERBICIDES/PESTICIDES

CONSTITUENT	NON-HAZARDOUS LIMIT (mg/l)	PRESENT	NOT PRESENT
2,4-D	10.0		
2,4,5-TP (SILVEX)	1.0		
ENDRIN	0.02		
LINDANE	0.4		
METHOXYCHLOR	10.0		
TOXAPHENE	0.5		
CHLORDANE	0.03		
HEPTACHLOR	0.008		

ACID EXTRACTABLES

CONSTITUENT	NON-HAZARDOUS LIMIT (mg/l)	PRESENT	NOT PRESENT
O-CREOSOL	200.0		
M-CREOSOL	200.0		
P-CREOSOL	200.0		
PENTACHLOROPHENOL	100.0		
2,4,5-TRICHLOROPHENOL	400.0		
2,4,6-TRICHLOROPHENOL	2.0		

BASE NEUTRALS EXTRACTABLES

CONSTITUENT	NON-HAZARDOUS LIMIT (mg/l)	PRESENT	NOT PRESENT
1,4-DICHLOROBENZENE	7.5		
2,4-DINITROTOLUENE	0.13		
HEXACHLOROBENZENE	0.13		
HEXACHLOROBUTADIENE	0.5		
HEXACHLOROETANE	3		
NITROBENZENE	2		
PYRIDINE	5		

VOLATILE ORGANICS

CONSTITUENT	NON-HAZARDOUS LIMIT (mg/l)	PRESENT	NOT PRESENT
1,1-DICHLOROETHYLENE	0.7		
METHYL ETHYL KETONE	200.0		
TETRACHLOROETHYLENE	0.7		
VINYL CHLORIDE	0.2		
BENZENE	0.5		
CARBON TETRACHLORIDE	0.5		
CHLOROBENZENE	100.0		
CHLOROFORM	6.0		
TRICHLOROETHYLENE	0.5		
1,2-DICHLOROETHANE	0.5		

CERTIFICATION

I CERTIFY THAT ALL INFORMATION CONTAINED WITHIN THIS GENERATOR WASTE CHARACTERIZATION REPORT, INCLUDING ALL ATTACHED INFORMATION, IS COMPLETE AND ACTUAL AND IS AN ACCURATE REPRESENTATION OF KNOWN OR SUSPECTED HAZARDS DESCRIBED HEREIN.

X SIGNATURE: Gary P Schlegel

PRINTED NAME: Gary P. Schlegel

TITLE: Facility Manager

COMPANY: Trammel Crow Co.

DATE: _____

GENERIC APPROVAL

INSTRUCTIONS: The following sections should only be used if you are disposing of Virgin Petroleum Contaminated Solid Waste. Virgin Petroleum material disposal requirements are divided into two (2) categories, lighter than #2 Fuel Oil and #2 Fuel Oil and Higher. Material resulting from Underground Storage Tanks (UST) and Tank Bottoms from storage and Crude Oil are also included in this program. The tables below indicate the minimum testing requirements for the waste stream. All conditions set forth in the preceding waste characterization report must also be met and certified by the generator.

Provide in detail the process or incident producing this waste on your company's letterhead. Modern Landfill must have the original on file and the letter must clearly state that this was indeed a virgin product spill or otherwise and the resulting debris/cleanup material is free of prior residue or spill and free of industrial or chemical contamination. This letter must also state the type of material spilled, ie. #2 fuel oil, gasoline, mineral oil, etc.

LIGHTER THAN #2 FUEL OIL Include all attachments detailed above.

CONSTITUENT	PRESENT (VALUE)	NOT PRESENT
TCLP LEAD		
TCLP BENZENE		
FLASHPOINT		

#2 FUEL OIL AND HIGHER Include all attachments detailed above.

CONSTITUENT	PRESENT (VALUE)	NOT PRESENT
TCLP BENZENE		
FLASHPOINT		

CERTIFICATION

I CERTIFY THAT ALL INFORMATION CONTAINED WITHIN THIS GENERATOR WASTE CHARACTERIZATION REPORT, INCLUDING ALL ATTACHED INFORMATION IS COMPLETE AND ACTUAL AND IS AN ACCURATE REPRESENTATION OF KNOWN OR SUSPECTED HAZARDS DESCRIBED HEREIN.

X SIGNATURE Gary P. Schlegel DATE _____

PRINTED NAME Gary P. Schlegel TITLE Facility Manager

COPY

NATURE'S WAY
ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.
3553 Crittenden Rd.
Crittenden, NY 14038
Ph. - (716) 937-6527
Fax - (716) 937-9360

September 8, 1997

Mr. Sal Calandra
NYSDEC, Region 9
270 Michigan Ave.
Buffalo, NY 14203-2999

Re: Fleet Bank Site
2700 Main St.
Newfane, NY 14108

Dear Sal:

Please find the requested documentation for work performed at the above referenced site.

As you know, we recently removed a former 1,000 gallon Heating Oil UST. Contaminated soil was encountered upon removal of the tank, and a single truck load of impacted soil was excavated and disposed of at Modern Landfill. A copy of landfill disposal documentation is attached.

Composite samples were drawn from the bottom and each side wall of the excavation and analyzed by methods 8021 & 8270 as per STARS guidelines. The attached analytical results demonstrate that all but the south wall of the excavation are within guidance values. Petroleum compounds at levels above guidance values were found in the sample from the south wall of the excavation, which was located between the former UST and the bank building itself, and could not be further excavated due to the prospect of undermining the foundation and/or damaging facilities.

Prior to backfilling the excavation perforated pipe was installed along the south side of the excavation adjacent to and under the building, in a small area of obviously contaminated soil. The piping was brought to the surface and a Soil Vapor Extraction System will be completed this construction season.

Please call if you have questions or need additional information.

Sincerely,

Greg Weber

Gregory J. Weber
NWEC&C, Inc.

cc: Mr. Gary Schlegel,
Trammell Crow, Co.

MODERN CORPORATIONS

P.O. BOX 209 MODEL CITY, NEW YORK 14107
LANDFILL SITE - HAROLD @ PLETCHER RD.
LEWISTON, NEW YORK

TICKET : 343157
DATE IN : 08/04/97 14:39:14
DATE OUT: 08/04/97 14:56:07

TRUCK :1235-506
HAULER :MDS MODERN DISPOSAL
GENERATOR: 3422.040
NATURE'S WAY ENVIROMENTAL
2700 MAIN STREET

HAULER TICKET:TK485526-000

BILL TO : 6163.000
MDS MODERN DISPOSAL

COMMODITY:0800-0000 SOIL AND OIL CLEANUP
GROSS WEIGHT: 92,120.
TARE WEIGHT: 35,520.
NET WEIGHT: 56,600.
TONS: 28.30

WEIGHMASTER: _____

To the best of my knowledge, the waste stream(s) indicated on this ticket contain(s) no hazardous or unacceptable waste and has been packaged and transported in accordance with all applicable state and federal regulations. Any person accepting this ticket assumes all risk of accident and expressly agrees that Modern Landfill Inc. shall not be liable under any circumstances for any injury to person, loss or damage and also agrees to indemnify and hold harmless Modern Landfill Inc. and its employees.

Additionally, I hereby acknowledge that I have read and understand conditions or statements indicated on reverse.

Signature: _____

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 **NATURES WAY**
Address: **3553 CRITTENDEN RD.**
CRITTENDEN, NY 14038
Attn: **R.SAVAGE/G.WEBER**

Phone
FAX

PO Number:
Project Number:
Project Cust:
Project Site: **FLEET BANK/NEWFANE**
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/FID**

Sample ID (LAB)	13224	
Sample ID#1(CUST)	EXCAVATION NORTH SIDE	
Sample ID#2(CUST)	COMP.	
Matrix	SOIL	
Sampled By	TOM WOELFLE	
Date Sampled	07/15/97	
Date Received	07/21/97	16:00
Date Analyzed	07/23/97	
Date Reported	07/23/97	

	Results	Det Limit* (PPB)
MTBE	< DL(U)	8.8
Benzene	< DL(U)	0.9
Toluene	< DL(U)	0.9
Ethylbenzene	< DL(U)	0.9
m&p-Xylene	< DL(U)	1.8
o-Xylene	< DL(U)	0.9
Isopropylbenzene	< DL(U)	0.9
n-Propylbenzene	< DL(U)	0.9
1,3,5-Trimethylbenzene	< DL(U)	0.9
tert-Butylbenzene	< DL(U)	0.9
1,2,4-Trimethylbenzene	< DL(U)	0.9
sec-Butylbenzene&1,3-Dichlorobenzene	< DL(U)	1.8
Isopropyltoluene	< DL(U)	0.9
n-Butylbenzene	< DL(U)	0.9
Naphthalene	< DL(U)	0.9

< DL (U) = compound analyzed but not detected
B = analyte found in blank
L = estimated value
E = exceed calibration range

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 **NATURES WAY**
Address: **3553 CRITTENDEN RD.**
CRITTENDEN, NY 14038
Attn: **R.SAVAGE/G.WEBER**

Phone
FAX

PO Number:
Project Number:
Project Cust:
Project Site: **FLEET BANK/NEWFANE**
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/FID**

Sample ID (LAB)	13225	
Sample ID#1(CUST)	EXCAVATION SOUTH SIDE	
Sample ID#2(CUST)	COMP (BLDG)	
Matrix	SOIL	
Sampled By	TOM WOELFLE	
Date Sampled	07/15/97	
Date Received	07/21/97	16:00
Date Analyzed	07/23/97	
Date Reported	07/23/97	

	Results	Det Limit* (PPB)
MTBE	9963.2	984.3
Benzene	309.2	98.4
Toluene	339.2	98.4
Ethylbenzene	6355.7	98.4
m&p-Xylene	10022.4	196.9
o-Xylene	370.8	98.4
Isopropylbenzene	5932.8	98.4
n-Propylbenzene	4345.4	98.4
1,3,5-Trimethylbenzene	14037.1	98.4
tert-Butylbenzene	2293.5	98.4
1,2,4-Trimethylbenzene	29953E	98.4
sec-Butylbenzene&1,3-Dichlorobenzene	17737.4	196.9
Isopropyltoluene	8494.7	98.4
n-Butylbenzene	12221.6	98.4
Naphthalene	28405E	98.4

< DL (U) = compound analyzed but not detected B = analyte found in blank
L = estimated value E = exceed calibration range

EXPRESSLAB

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SPECIALIZING IN ENVIRONMENTAL SOIL TESTS

NEW YORK STATE LABORATORY #11369

LABORATORY REPORT - METHOD 8021

Cust **NATURES WAY**
Address: **3553 CRITTENDEN RD.**
CRITTENDEN, NY 14038
Attn: **R.SAVAGE/G.WEBER**

Phone
FAX

PO Number:
Project Number:
Project Cust:
Project Site: **FLEET BANK/NEWFANE**
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/FID**

Sample ID (LAB)	13226		
Sample ID#1(CUST)	EXCAVATION EAST SIDE		
Sample ID#2(CUST)	COMP.		
Matrix	SOIL		
Sampled By	TOM WOELFLE		
Date Sampled	07/15/97		
Date Received	07/21/97	16:00	
Date Analyzed	07/23/97		
Date Reported	07/23/97		

	Results	Det Limit* (PPB)
MTBE	< DL(U)	9.7
Benzene	< DL(U)	1.0
Toluene	< DL(U)	1.0
Ethylbenzene	< DL(U)	1.0
m&p-Xylene	< DL(U)	1.9
o-Xylene	< DL(U)	1.0
Isopropylbenzene	21.8	1.0
n-Propylbenzene	< DL(U)	1.0
1,3,5-Trimethylbenzene	< DL(U)	1.0
tert-Butylbenzene	< DL(U)	1.0
1,2,4-Trimethylbenzene	27.3	1.0
sec-Butylbenzene&1,3-Dichlorobenzene	102.3	1.9
Isopropyltoluene	99.5	1.0
n-Butylbenzene	9.2	1.0
Naphthalene	121.7	1.0

< DL (U) = compound analyzed but not detected
L = estimated value
B = analyte found in blank
E = exceed calibration range

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 **NATURES WAY**
Address: **3553 CRITTENDEN RD.**
CRITTENDEN, NY 14038
Attn: **R.SAVAGE/G.WEBER**

Phone 716-937-6527
FAX 716-937-9360

PO Number:
Project Number:
Project Cust:
Project Site: **FLEET BANK/NEWFANE**
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/FID**

Sample ID (LAB)	13227	
Sample ID#1(CUST)	EXCAVATION WEST SIDE	
Sample ID#2(CUST)	COMP. (AC)	
Matrix	SOIL	
Sampled By	TOM WOELFLE	
Date Sampled	07/15/97	
Date Received	07/21/97	16:00
Date Analyzed	07/23/97	
Date Reported	07/24/97	

	Results	Det Limit* (PPB)
MTBE	< DL(U)	11.3
Benzene	1.4	1.1
Toluene	2.4	1.1
Ethylbenzene	1.2	1.1
m&p-Xylene	2.3	2.3
o-Xylene	1.2	1.1
Isopropylbenzene	< DL(U)	1.1
n-Propylbenzene	< DL(U)	1.1
1,3,5-Trimethylbenzene	1.1	1.1
tert-Butylbenzene	< DL(U)	1.1
1,2,4-Trimethylbenzene	1.3	1.1
sec-Butylbenzene&1,3-Dichlorobenzene	< DL(U)	2.3
Isopropyltoluene	1.2	1.1
n-Butylbenzene	< DL(U)	1.1
Naphthalene	1.4	1.1

< DL (U) = compound analyzed but not detected B = analyte found in blank
L = estimated value E = exceed calibration range

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 **NATURES WAY**
Address: **3553 CRITTENDEN RD.**
CRITTENDEN, NY 14038
Attn: **R.SAVAGE/G.WEBER**

Phone 716-937-6527
FAX 716-937-9360

PO Number:
Project Number:
Project Cust:
Project Site: **FLEET BANK/NEWFANE**
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/FID**

Sample ID (LAB)	13228	
Sample ID#1(CUST)	EXCAVATION BOTTOM	
Sample ID#2(CUST)	COMP.	
Matrix	SOIL	
Sampled By	TOM WOELFLE	
Date Sampled	07/15/97	
Date Received	07/21/97	16:00
Date Analyzed	07/23/97	
Date Reported	07/24/97	

	Results	Det Limit* (PPB)
MTBE	< DL(U)	8.8
Benzene	< DL(U)	0.9
Toluene	1.2	0.9
Ethylbenzene	< DL(U)	0.9
m&p-Xylene	< DL(U)	1.8
o-Xylene	< DL(U)	0.9
Isopropylbenzene	< DL(U)	0.9
n-Propylbenzene	< DL(U)	0.9
1,3,5-Trimethylbenzene	1.1	0.9
tert-Butylbenzene	< DL(U)	0.9
1,2,4-Trimethylbenzene	1.4	0.9
sec-Butylbenzene&1,3-Dichlorobenzene	3.3	1.8
Isopropyltoluene	2.7	0.9
n-Butylbenzene	1.6	0.9
Naphthalene	10.2	0.9

< DL (U) = compound analyzed but not detected
B = analyte found in blank
L = estimated value
E = exceed calibration range

EXPRESSLAB

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SPECIALIZING IN ENVIRONMENTAL SOIL TESTS
NEW YORK STATE LABORATORY #11369

LABORATORY REPORT - TCLP PAH

Cust NATURES WAY
Address 3553 CRITTENDEN RD.
CRITTENDEN, NY 14038
Attn: R.SAVAGE/G.WEBER

Phone 716-937-6527
FAX 716-937-9360

PO Number:
Project Number:
Project Cust:
Project Site: **FLEET BANK/NEWFANE**
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print
Detection Limits* = Water=ug/ml ppm
*See Individual Limit

Results shown are: **PAH COMPOUNDS**
Extraction Method: **EPA 3510 Liquid/Liquid**
Analysis Method: **EPA 8270 GC/MS**

Sample ID (LAB)	13224	
Sample ID#1(CUST)	EXCAVATION NORTH SIDE	
Sample ID#2(CUST)	COMP.	
Matrix	SOIL	
Sampled By	TOM WOELFLE	
Date Sampled	07/15/97	
Date Received	07/21/97	16:00
Date Analyzed	07/24/97	
Date Reported	07/25/97	

	Results	Det Limit*
Naphthalene	< DL(U)	0.01
Acenaphthylene	< DL(U)	0.01
Acenaphthene	< DL(U)	0.01
Fluorene	< DL(U)	0.01
Phenanthrene	< DL(U)	0.01
Anthracene	< DL(U)	0.01
Fluoranthene	< DL(U)	0.01
Pyrene	< DL(U)	0.01
Benzo(a)anthracene	< DL(U)	0.01
Chrysene	< DL(U)	0.01
Benzo(b)fluoranthene	< DL(U)	0.01
Benzo(k)fluoranthene	< DL(U)	0.01
Benzo(a)pyrene	< DL(U)	0.01
Indeno(1,2,3-c,d)pyrene	< DL(U)	0.01
Dibenz(a,h)anthracene	< DL(U)	0.01
Benzo(g,h,i)perylene	< DL(U)	0.01

J=Detected above MDL, but below PQL

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 - TCLP PAH

Cust **NATURES WAY**
Address **3553 CRITTENDEN RD.**
CRITTENDEN, NY 14038
Attn: **R.SAVAGE/G.WEBER**

Phone 716-937-6527
FAX 716-937-9360

PO Number:
Project Number:
Project Cust:
Project Site: **FLEET BANK/NEWFANE**
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print
Detection Limits* = Water=ug/ml ppm
*See Individual Limit

Results shown are: **PAH COMPOUNDS**
Extraction Method: **EPA 3510 Liquid/Liquid**
Analysis Method: **EPA 8270 GC/MS**

Sample ID (LAB)	13225	
Sample ID#1(CUST)	EXCAVATION SOUTH SIDE	
Sample ID#2(CUST)	COMP (BLDG)	
Matrix	SOIL	
Sampled By	TOM WOELFLE	
Date Sampled	07/15/97	
Date Received	07/21/97	16:00
Date Analyzed	07/24/97	
Date Reported	07/25/97	

	Results	Det Limit*
Naphthalene	**0.181**	0.01
Acenaphthylene	**< DL(U)**	0.01
Acenaphthene	**0.007J**	0.01
Fluorene	**0.010**	0.01
Phenanthrene	**0.011**	0.01
Anthracene	**< DL(U)**	0.01
Fluoranthene	**< DL(U)**	0.01
Pyrene	**< DL(U)**	0.01
Benzo(a)anthracene	**< DL(U)**	0.01
Chrysene	**< DL(U)**	0.01
Benzo(b)fluoranthene	**< DL(U)**	0.01
Benzo(k)fluoranthene	**< DL(U)**	0.01
Benzo(a)pyrene	**< DL(U)**	0.01
Indeno(1,2,3-c,d)pyrene	**< DL(U)**	0.01
Dibenz(a,h)anthracene	**< DL(U)**	0.01
Benzo(g,h,i)perylene	**< DL(U)**	0.01

J=Detected above MDL, but below PQL

EXPRESSLAB

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SPECIALIZING IN ENVIRONMENTAL SOIL TESTS
NEW YORK STATE LABORATORY #11369

LABORATORY REPORT - TCLP PAH

Cust NATURES WAY
Address 3553 CRITTENDEN RD.
CRITTENDEN, NY 14038
Attn: R.SAVAGE/G.WEBER

Phone 716-937-6527
FAX 716-937-9360

PO Number:
Project Number:
Project Cust:
Project Site: FLEET BANK/NEWFANE
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print
Detection Limits* = Water=ug/ml ppm
*See Individual Limit

Results shown are: PAH COMPOUNDS
Extraction Method: EPA 3510 Liquid/Liquid
Analysis Method: EPA 8270 GC/MS

Sample ID (LAB)	13226	
Sample ID#1(CUST)	EXCAVATION EAST SIDE	
Sample ID#2(CUST)	COMP.	
Matrix	SOIL	
Sampled By	TOM WOELFLE	
Date Sampled	07/15/97	
Date Received	07/21/97	16:00
Date Analyzed	07/24/97	
Date Reported	07/25/97	
	Results	Det Limit*
Naphthalene	< DL(U)	0.01
Acenaphthylene	< DL(U)	0.01
Acenaphthene	< DL(U)	0.01
Fluorene	< DL(U)	0.01
Phenanthrene	< DL(U)	0.01
Anthracene	< DL(U)	0.01
Fluoranthene	< DL(U)	0.01
Pyrene	< DL(U)	0.01
Benzo(a)anthracene	< DL(U)	0.01
Chrysene	< DL(U)	0.01
Benzo(b)fluoranthene	< DL(U)	0.01
Benzo(k)fluoranthene	< DL(U)	0.01
Benzo(a)pyrene	< DL(U)	0.01
Indeno(1,2,3-c,d)pyrene	< DL(U)	0.01
Dibenz(a,h)anthracene	< DL(U)	0.01
Benzo(g,h,i)perylene	< DL(U)	0.01

J=Detected above MDL, but below PQL

EXPRESSLAB

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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 - TCLP PAH

Cust NATURES WAY
Address 3553 CRITTENDEN RD.
CRITTENDEN, NY 14038
Attn: R.SAVAGE/G.WEBER

Phone 716-937-6527
FAX 716-937-9360

PO Number:
Project Number:
Project Cust:
Project Site: FLEET BANK/NEWFANE
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print
Detection Limits* = Water=ug/ml ppm
*See Individual Limit

Results shown are: PAH COMPOUNDS
Extraction Method: EPA 3510 Liquid/Liquid
Analysis Method: EPA 8270 GC/MS

Sample ID (LAB)	13227	
Sample ID#1(CUST)	EXCAVATION WEST SIDE	
Sample ID#2(CUST)	COMP. (AC)	
Matrix	SOIL	
Sampled By	TOM WOELFLE	
Date Sampled	07/15/97	
Date Received	07/21/97	16:00
Date Analyzed	07/24/97	
Date Reported	07/25/97	
	Results	**Det Limit***
Naphthalene	< DL(U)	0.01
Acenaphthylene	< DL(U)	0.01
Acenaphthene	< DL(U)	0.01
Fluorene	< DL(U)	0.01
Phenanthrene	< DL(U)	0.01
Anthracene	< DL(U)	0.01
Fluoranthene	< DL(U)	0.01
Pyrene	< DL(U)	0.01
Benzo(a)anthracene	< DL(U)	0.01
Chrysene	< DL(U)	0.01
Benzo(b)fluoranthene	< DL(U)	0.01
Benzo(k)fluoranthene	< DL(U)	0.01
Benzo(a)pyrene	< DL(U)	0.01
Indeno(1,2,3-c,d)pyrene	< DL(U)	0.01
Dibenz(a,h)anthracene	< DL(U)	0.01
Benzo(g,h,i)perylene	< DL(U)	0.01

J=Detected above MDL, but below PQL

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SPECIALIZING IN ENVIRONMENTAL SOIL TESTS

NEW YORK STATE LABORATORY #11369

LABORATORY REPORT - TCLP PAH

Cust NATURES WAY
Address 3553 CRITTENDEN RD.
CRITTENDEN, NY 14038
Attn: R.SAVAGE/G.WEBER

Phone 716-937-6527
FAX 716-937-9360

PO Number:
Project Number:
Project Cust:
Project Site: FLEET BANK/NEWFANE
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print
Detection Limits* = Water=ug/ml ppm
*See Individual Limit

Results shown are: **PAH COMPOUNDS**
Extraction Method: **EPA 3510 Liquid/Liquid**
Analysis Method: **EPA 8270 GC/MS**

Sample ID (LAB)	13228	
Sample ID#1(CUST)	EXCAVATION BOTTOM	
Sample ID#2(CUST)	COMP.	
Matrix	SOIL	
Sampled By	TOM WOELFLE	
Date Sampled	07/15/97	
Date Received	07/21/97	16:00
Date Analyzed	07/24/97	
Date Reported	07/25/97	

	Results	Det Limit*
Naphthalene	< DL(U)	0.01
Acenaphthylene	< DL(U)	0.01
Acenaphthene	< DL(U)	0.01
Fluorene	< DL(U)	0.01
Phenanthrene	< DL(U)	0.01
Anthracene	< DL(U)	0.01
Fluoranthene	< DL(U)	0.01
Pyrene	< DL(U)	0.01
Benzo(a)anthracene	< DL(U)	0.01
Chrysene	< DL(U)	0.01
Benzo(b)fluoranthene	< DL(U)	0.01
Benzo(k)fluoranthene	< DL(U)	0.01
Benzo(a)pyrene	< DL(U)	0.01
Indeno(1,2,3-c,d)pyrene	< DL(U)	0.01
Dibenz(a,h)anthracene	< DL(U)	0.01
Benzo(g,h,i)perylene	< DL(U)	0.01

J=Detected above MDL, but below PQL

13224 13225 13226 13227 13228 WORK SHEET

NY 14507

5-554-4114

AL SOILS TESTS

NY # 11369 NJ # 73744 CA # 2055 SC # 91011

WORKORDER

CUSTOMER: NWEC of C, INC
ADDRESS: 3553 Cri Hendy Rd
CITY: Crittenden, NY
STATE/ZIP: 14038
PHONE: 716-937-6527
FAX: 716-937-9360
CONTACT: K. Savage / G. Weber

PO NUMBER:
PROJECT NO:
PROJECT CUST:
PROJECT SITE: Fleet Bank/Newfane

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

SAMPLE DEMOGRAPHICS AND TESTS REQUIRED

8020 BTEX + MTBE	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)		CORROSIVITY
		FLASH POINT

(DIESEL)
(GAS OR OIL)
SUSPECT : _____

SPECIAL INSTRUCTIONS: _____

DATE	TIME	SAMPLE DESCRIPTION / LOCATION / MATRIX	8021 STARS	TCLP 8270 PNA's				
7/15/97		Excavation North Side Comp.	X	X				
"		Excavation South Side Comp. (Bldg.)	X	X				
"		Excavation East Side Comp.	X	X				
"		Excavation West Side Comp. (AC)	X	X				
"		Excavation Bottom Comp.	X	X				

CHAIN OF CUSTODY RECORD

of SAMPLES 5 # of CONTAINERS 5
SAMPLED BY: Tom Woelfle
SIGNATURE:
NAME:
DATED: / / TIME: :
HOW SENT: ☐EXP MAIL ☐HAND CARRY
SIGNATURE 2: Patrice Desniak
NAME 2: Patrice Desniak
DATED 2: 7/18/97 TIME: 10:15
HOW SENT 2: ☐EXP MAIL ☐HAND CARRY

SAMPLES RECEIVED BY:
SIGNATURE:
NAME:
DATE: 7/18/97 TIME: 10:15
HOW RECD: ☐EXP MAIL ☒HAND CARRY
FREIGHT IN: $
LOGGED IN: 7/21/97 TIME: 4:00
SAMPLE COND: Sealed SAMPLE TEMP: 56
LAB NOTES:

White-Lab, Yellow-Customer, Hard-Lab

RESULTS WHEN YOU WANT THEM

expwo20doc

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

John P. Cahill
Commissioner

October 8, 1997

Mr. Gary P. Schlegel
Facility Manager
Trammell Crow Company
NY/FP/1059
10 Fountain Plaza
Buffalo, New York 14202

Dear Mr. Schlegel:

Spill Number 9704439
2700 Main Street
Newfane
Niagara County

On October 2, 1997, Mr. David Drust of the Niagara County Health Department and I met with your contractor, Mr. Russel Savage of Nature's Way, Inc., and you to discuss the above-referenced site. As discussed at the meeting we require the following:

1. Since confirmatory sample results indicate contamination along the foundation of the building, borings must be installed at the west (back) side of the building and on the south (side street) side of the building. At least one boring should be installed on the west side and three borings should be installed on the south side. You must also perform head-space analysis using a PID meter for each boring depth interval. Borings should be installed to the depth of the final excavation.

2. We require boring logs for each installed boring. The logs must include characterization of soil type, head-space testing results for each depth interval and any observation of petroleum odors.

3. Analytical testing of the boring samples must be done using EPA Methods 8021 and 8270 for STARS memo #1 parameters. Samples chosen for analysis should exhibit the highest PID meter reading. If the PID meter reading is zero throughout the boring then the bottom sample should be used for the analysis.

4. At the time of the meeting, odors were observed inside the building. Therefore, you must provide ventilation to eliminate these odors.

5. Also, please be informed you may be required to sample the indoor air and have it analyzed at a ELAP approved laboratory.

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

Sincerely,

Salvatore A. Calandra
Environmental Engineer I

SAC:ma

cc: Mr. Ronald Gwozdek - Niagara County Health Department
Mr. Russel Savage - Nature's Way Environmental Consultants and Contractors, Inc.

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 - 310.13

Cust	NATURES WAY
Address:	3553 CRITTENDEN RD.
	CRITTENDEN, NY 14038
Attn:	R.SAVAGE/G.WEBER
Phone	716-937-6527
FAX	716-937-9360

PO Number:	
Project Number:	
Project Cust:	
Project Site:	FLEET BANK/NEWFANE
Date FAXED:	
Lab Director	

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type: Detection Limits in small print

Detection Limits* = Soil=mg/kg (ppm) Extraction Method: **EPA 3550 SONICATION**

*See Individual Limit Water=mg/L (ppm) Analysis Method: **EPA 8015M GC FID**

Sample ID (LAB)	15060	
Sample ID #1(CUST)	MONITORING WELL #1	
Sample ID #2(CUST)		
Matrix	WATER	
Sampled By	DANIEL WIK	
Date Sampled	10/24/97	
Date Received	10/28/97	8:00
Date Analyzed	10/29/97	
Date Reported	10/29/97	

	Results	Det Limit* (PPM)
LUBE OIL	< DL(U)	0.20
FUEL OIL#2	< DL(U)	0.20
KEROSENE	< DL(U)	0.20
GASOLINE(Present or none)	NONE	
UNKNOWN HYDROCARBON	< DL(U)	0.20

< DL (U) = compound analyzed but not detected B = analyte found in blank

L = estimated value E = exceed calibration range

14856 14857 14858 14859 WORK SHEET

Middlesex NY 14507
FAX 1-716-554-4114

TRONMENTAL SOILS TESTS
NY # 11369 NJ # 73744 CA # 2055 SC # 91011

WORKORDER

CUSTOMER: NWEC+C Inc.
ADDRESS: Caitheden
CITY: Caitheden NY
STATE/ZIP:
PHONE: 937-6527
FAX:
CONTACT: Russ

PO NUMBER:
PROJECT NO:
PROJECT CUST: Gary Schnaqel
PROJECT SITE: NEWHAVE / Flint

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

SAMPLE DEMOGRAPHICS AND TESTS REQUIRED

8020 BTEX + MTBE	8270 (Stars)	FULL TCLP
8021 + MTBE		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)		CORROSIVITY
		FLASH POINT

(DIESEL)
(GAS OR OIL)
SUSPECT : Heating oil

SPECIAL INSTRUCTIONS:

LIST ANALYSIS REQUIRED

DATE	TIME	SAMPLE DESCRIPTION / LOCATION / MATRIX	EPA 8021 STARS + MTBE	EPA 8270 STARS				
10/16/97		Soil SB1	X	X				
10/16/97		Soil SB2	X	X				
10/16/97		Soil SB3	X	X				
10/16/97		Soil SB4	X	X				

CHAIN OF CUSTODY RECORD

of SAMPLES 4 # of CONTAINERS 4
SAMPLED BY: Jason Kelly
SIGNATURE: Jason Kelly
NAME:
DATED: 10/17/97 TIME:
HOW SENT: ☐EXP MAIL ☒HAND CARRY
SIGNATURE 2: Lisa C. Lesch
NAME 2:
DATED 2: 10/17/97 TIME: 11:30
HOW SENT 2: ☐EXP MAIL ☒HAND CARRY

SAMPLES RECEIVED BY: Mike Shedlock
SIGNATURE:
NAME:
DATE: 10/17/97 TIME: 11:30
HOW RECD: ☐EXP MAIL ☒HAND CARRY
FREIGHT IN: $
LOGGED IN: 10/20/97 TIME: 8:00
SAMPLE COND: Sealed SAMPLE TEMP: 38
LAB NOTES:

White-Lab, Yellow-Customer, Hard-Lab

RESULTS WHEN YOU WANT THEM

15060 WORK SHEET

PO Box 40 5611 Water Street Middlesex NY 14507

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

SPECIALIZING IN ENVIRONMENTAL SOILS TESTS
NY # 11369 NJ # 73744 CA # 2055 SC # 91011

WORKORDER

CUSTOMER: NWEC+C, Inc.
ADDRESS: 3553 Cattenden Rd.
CITY: Cattenden, NY 14038
STATE/ZIP:
PHONE: (716) 937-6527
FAX: 937-9360
CONTACT: R Savage / G. Weber

PO NUMBER:
PROJECT NO:
PROJECT CUST:
PROJECT SITE: Fleet Bank / Newfane

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

SAMPLE DEMOGRAPHICS AND TESTS REQUIRED

8020 BTEX + MTBE	(Stars)	FULL TCLP
8021 + MTBE	625	TCLP LESS HERBS & PESTS
503.1	PCBS	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)		CORROSIVITY
		FLASH POINT

(DIESEL)
(GAS OR OIL)
SUSPECT :

SPECIAL INSTRUCTIONS:

LIST ANALYSIS REQUIRED

DATE	TIME	SAMPLE DESCRIPTION / LOCATION / MATRIX	Petroleum Products 8015					
10/24/97		Monitoring Well # 1	X					

CHAIN OF CUSTODY RECORD

of SAMPLES 1 # of CONTAINERS 1
SAMPLED BY: Daniel Wik
SIGNATURE: Daniel Wik
NAME:
DATED: 10/24/97 TIME: 18:00
HOW SENT ☐EXP MAIL ☒HAND CARRY
SIGNATURE 2: Greg Weber
NAME 2: Greg Weber
DATED 2: 10/27/97 TIME: 10:50
HOW SENT 2: ☐EXP MAIL ☒HAND CARRY

SAMPLES RECEIVED BY: Mike Hetrick
SIGNATURE:
NAME:
DATE: 10/27/97 TIME: 10:50
HOW RECD: ☐EXP MAIL ☒HAND CARRY
FREIGHT IN: $
LOGGED IN: 10/28/97 TIME: 8:00
SAMPLE COND: Sealed SAMPLE TEMP: 59
LAB NOTES:

White-Lab Yellow-Customer Hard Lab

RESULTS WHEN YOU WANT THEM

expwo20doc

14856 14857 14858 14859

WORKORDER

CUSTOMER: NWEC+C Inc.
ADDRESS: Crittenden
CITY: Crittenden NY
STATE/ZIP:
PHONE: 937-6587
FAX:
CONTACT: Russ

SAMPLE DEMOGRAPHICS

8020 BTEX + MTBE	8270 (Stars)	FULL TCLP
8021 + MTBE		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)		CORROSIVITY
		FLASH POINT

SUSPECT

SPECIAL INSTRUCTIONS:

DATE	TIME	SAMPLE DESCRIPTION / LOCAT
10/16/97		Soil SB1
10/16/97		Soil SB2
10/16/97		Soil SB3
10/16/97		Soil SB4

CHAIN OF CUS

of SAMPLES 4 # of CONTAINERS 4
SAMPLED BY: Jason Kelly
SIGNATURE: Jason Kelly
NAME:
DATED: 10/17/97 TIME:
HOW SENT: ☐EXP MAIL ☒HAND CARRY
SIGNATURE 2: Lisa C. Bosch
NAME 2:
DATED 2: 10/17/97 TIME: 11:30
HOW SENT 2: ☐EXP MAIL ☒HAND CARRY

SA
SIG
NA
DA
HO
FRE
LO
SA
LA

White-Lab, Yellow-Customer, Hard-Lab

RESULTS WHEN YO

NATURE'S WAY
ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.
3553 Crittenden Rd. (716) 937-6527
Crittenden, N.Y. 14038 (FAX) 937-9360

(1)

October 31, 1997

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

Mr. Dave Drust
Niagara County Health Dept.

Re: Fleet Bank (Trammel Crow) Property
2700 Main St.
Newfane, N.Y.
NYSDEC Spill # 9704439

Submission of Soil Boring/Monitoring Well Installation Data;

Dear Sal & Dave,

As you are aware, we have performed the Site Investigation work (soil borings and analysis) requested in your Oct. 08, 1997 letter.

As per your request, with the objective of delineating the contaminant affected area, and to determine whether expansion of the SVE remediation system to other areas would be necessary, we performed four soil borings at the locations specified, with continuous split spoon sampling, PID screening of soil samples collected, and analysis of worst case soils at each boring location. Soil Boring/Well Logs along with a Site Map showing their locations are included as Attachment #1. Based on field observations, and PID screening of soil samples, we determined that low level contamination was detectable in Soil Boring Number 3 (East end of South side of Site), and therefore installed a monitoring well in that boring, and developed, sampled, and analyzed groundwater from this location for Petroleum Product Identification. Results of soil and groundwater sample analysis are included in Attachment #2.

As is shown by the attached boring logs and analytical results, low level contamination was detected at three Soil Borings, with exceedances of NYSDEC Guideline values only at Soil Boring #3. Additional analysis of groundwater from this boring for Petroleum Product Identification (DOH 310.13) was unable to identify the type of petroleum contamination present, apparently due to the very low contaminant concentrations present. It should be noted that the contaminant concentrations levels in SB#3, while in excess of STARS Guidance values, were very low, with total volatiles registering less than 0.4 ppm (well under levels normally required for consideration of assignment of "inactive" status).

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Crittenden, N.Y. 14038 (FAX) 937-9360

(2)

October 31, 1997

We have installed an SVE blower onto the previously installed SVE piping in the former tank pit area, and have initiated operation to accomplish remediation in that affected area. No other or further remedial work is planned for this Site at this time.

Please review the enclosed information and respond to Mr. Gary Schlegel (copy NWEC&C Inc.) with any comments and/or requirements for further work, should you have any. As always, your attention to this matter is greatly appreciated. Please call if you should have any questions or comments.

Sincerely,

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

NATURE'S WAY
ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.

3553 Crittenden Rd.
Crittenden, N.Y. 14038

(716) 937-6527
(FAX) 937-9360

ATTACHMENT 1
SOIL BORING/MW LOGS & LOCATIONS MAP

NATURE'S WAY
ENVIRONMENTAL CONSULTANTS & CONTRACTORS INC.

3553 Crittenden Road
Crittenden, New York 14038
(716) 937-6527

DRILLING LOG

Hole # SB 1
Client: Trammel Crow Co. **Elevation:**
Project: Fleet/Newfane
Location: Newfane, NY
Date: Started 10/16/97 Completed 10/16/97 Driller: Roger Kephart
Sampler: splitspoon Diameter: 2" Type: stainless steel Hammer Weight: 140 lbs. Fall
Casing: Diameter: Type:

Water/Mud used in drilling no

Depth (Ft.)	PID (ppm)	Inches Recovered	Material Description	Sample No.	Blow Counts
0-2	0	6	very loose dry fine dark brown Sand (organics)	1	8-11-17-23
2-4	0	13	very loose dry fine dark brown/light brown Sand (organics), trace coarse subrounded Gravel	2	14-20-22-27
4-6	0	11	very loose moist fine mottled red/brown Sand	3	7-11-13-16
6-8	0	20	very loose to dense moist to wet fine fine dark brown Sand	4	8-8-4-10
8-10	0	15	loose to medium dense moist to wet mottled red/brown fine Sand	5	12-15-19-22
10-12	0	18	loose to medium dense moist to wet fine mottled brown/gray Sand	6	4-4-13-18
12-14	0	10	very soft to stiff moist to wet gray Clayey Sand,trace fine subrounded gravel	7	17-10-21-32/50

Water Depth: During Drilling 7 Ft.
Weather/Remarks: Clear and 70 degrees

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Crittenden, New York 14038
(716) 937-6527

DRILLING LOG

Hole # SB 2
Elevation:

Client: Trammel Crow Co.
Project: Fleet/Newfane
Location: Newfane, NY
Date: Started 10/16/97 Completed 10/16/97 Driller: Roger Kephart
Sampler: splitspoon Diameter: 2" Type: stainless steel Hammer Weight: 140 lbs. Fall
Casing: Diameter: Type:

Water/Mud used in drilling no

Depth (Ft.)	PID (ppm)	Inches Recovered	Material Description	Sample No.	Blow Counts
0-2	0	10	very loose dry fine dark brown Sand, trace coarse subangular Gravel	1	4-4-8-13
2-4	0	13	very loose dry fine dark brown Sand	2	6-8-10-17
4-6	0	17	very loose moist to wet fine light brown Sand, trace fine well rounded Gravel	3	5-6-9-11
6-8	0	20	ver soft to stiff wet mottled red/brown Clayey Sand	4	7-12-14-18
8-10	0	8	ver soft to stiff saturated mottled red/brown Clayey Sand	5	19-23-27-32
10-12	0	12	ver soft to stiff saturated mottled red/brown Clayey Sand	6	5-6-11-13
12-14	0	18	very loose fine saturatedangular to rounded Gravel, and Silt, Saturated slight odor	7	7-14-21-17

Water Depth: During Drilling 7 Ft.
Weather/Remarks: Clear and 70 degrees

NATURE'S WAY
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3553 Crittenden Road
Crittenden, New York 14038
(716) 937-6527

DRILLING LOG

Hole # SB 3
Client: Trammel Crow Co. **Elevation:**
Project: Fleet/Newfane
Location: Newfane, NY
Date: Started 10/16/97 Completed 10/16/97 Driller: Roger Kephart
Sampler: splitspoon Diameter: 2" Type: stainless steel Hammer Weight: 140 lbs. Fall
Casing: Diameter: 2" Type: PVC

Water/Mud used in drilling no

Depth (Ft.)	PID (ppm)	Inches Recovered	Material Description	Sample No	Blow Counts
0-2	0	16	very loose dry fine light brown Sand (organics)	1	8-11-13-18
2-4	0	6	very loose dry fine light brown Sand	2	4-4-15-18
4-6	0	12	very loose moist fine light brown to dark brown Sand and Silt	3	5-15-12-14
6-8	0	22	very loose moist to wet fine light brown Sand and Silt, trace Clay	4	9-13-17-11
8-10	90	17	loose to dense saturated fine light brown Sand and Silt, some Clay	5	14-10-18-25
10-12	77	13	very loose fine subangular to rounded Gravel, some Clay, trace Silt	6	7-7-5-12
12-14	0	8	loose saturated fine Clayey Sand and fine subangular to angular Gravel (slight odor)	7	8-25-30/50

Water Depth: During Drilling 7 Ft.
Weather/Remarks: Clear and 70 degrees, monitoring well installed at 14'.

Unless requested in writing, subsoil samples will be discarded after 90 days from the submission of this report
We can assume no responsibility for interpretations made by others from the data submitted

NATURE'S WAY
ENVIRONMENTAL CONSULTANTS & CONTRACTORS INC.

3553 Crittenden Road
Crittenden, New York 14038
(716) 937-6527

DRILLING LOG

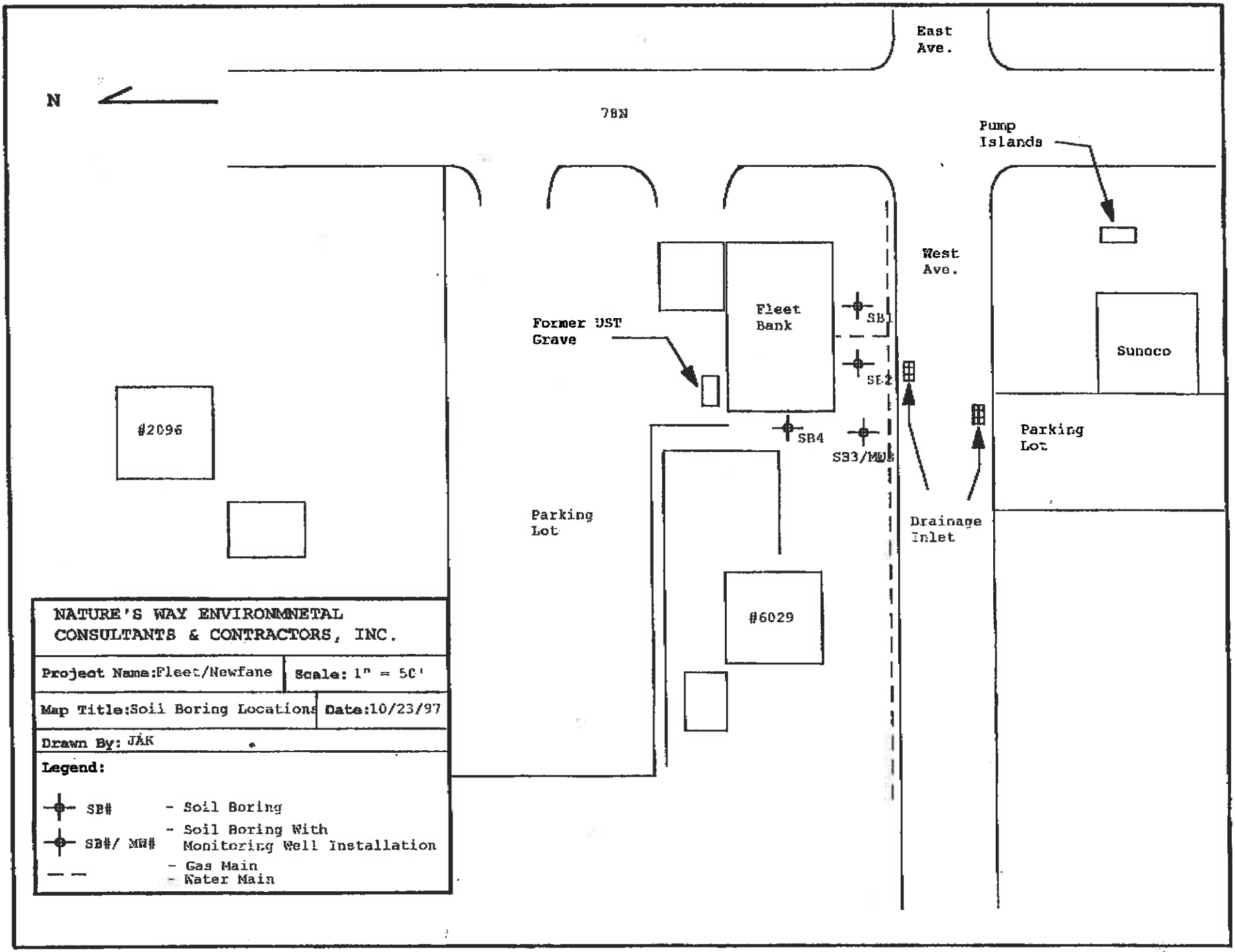
Hole # SB 4
Elevation:

Client: Trammel Crow Co.
Project: Fleet/Newfane
Location: Newfane, NY
Date: Started 10/16/97 Completed 10/16/97 Driller: Roger Kephart
Sampler: splitspoon Diameter: 2" Type: stainless steel Hammer Weight: 140 lbs. Fall
Casing: Diameter: Type:

Water/Mud used in drilling no

Depth (Ft.)	PID (ppm)	Inches Recovered	Material Description	Sample No.	Blow Counts
0-2	0	4	very loose dry fine dark brown Sand (organics)	1	11-8-11-21
2-4	0	11	very loose dry fine dark brown/ light brown Sand (organics)	2	6-10-15-15
4-6	0	16	soft to stiff moist fine light brown Sand	3	7-5-5-12
6-8	0	10	soft to stiff moist to wet light brown Sandy Clay	4	9-13-16-20
8-10	0	8	soft to stiff moist to wet light brown Sandy Clay	5	27-30/50
10-12	0	18	soft to stiff wet fine light brown Sandy Clay	6	14-10-17-22
12-14	0	20	soft to stiff saturated Clayey Sand, trace fine subrounded Gravel	7	6-6-6-6

Water Depth: During Drilling 10 Ft.
Weather/Remarks: Clear and 70 degrees.


East
Ave.
N
78N
Pump
Islands
West
Ave.
Fleet
Bank
Former UST
Grave
SB1
SB2
SB4
SB3/MW3
Sunoco
Parking
Lot
#2096
Parking
Lot
Drainage
Inlet
#6029
NATURE'S WAY ENVIRONMNETAL
CONSULTANTS & CONTRACTORS, INC.
Project Name:Fleet/Newfane
Scale: 1" = 50'
Map Title:Soil Boring Locations
Date:10/23/97
Drawn By: JAK
Legend:
SB# - Soil Boring
SB#/ MW# - Soil Boring With
Monitoring Well Installation
- Gas Main
- Water Main

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3553 Crittenden Rd.
Crittenden, N.Y. 14038

(716) 937-6527
(FAX) 937-9360

ATTACHMENT 2
SOIL BORING/MONITORING WELL ANALYTICAL

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 NATURES WAY
Address: 3553 CRITTENDEN RD.
CRITTENDEN, NY 14038
Attn: RUSS

Phone 937-6527
FAX 937-9360

PO Number:
Project Number:
Project Cust: GARY SCHUAGIEL
Project Site: NEWFANE/FLEET
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/FID

	14856	
Sample ID (LAB)		
Sample ID#1(CUST)	SB1	
Sample ID#2(CUST)		
Matrix	SOIL	
Sampled By	JASON KELLY	
Date Sampled	10/16/97	
Date Received	10/20/97	8:00
Date Analyzed	10/20/97	
Date Reported	10/21/97	
	Results	Det Limit* (PPB)
MTBE	< DL(U)	9.3
Benzene	< DL(U)	0.9
Toluene	< DL(U)	0.9
Ethylbenzene	< DL(U)	0.9
m&p-Xylene	< DL(U)	1.9
o-Xylene	< DL(U)	0.9
Isopropylbenzene	< DL(U)	0.9
n-Propylbenzene	< DL(U)	0.9
1,3,5-Trimethylbenzene	1.2	0.9
tert-Butylbenzene	< DL(U)	0.9
1,2,4-Trimethylbenzene	< DL(U)	0.9
sec-Butylbenzene&1,3-Dichlorobenzene	1.9	1.9
Isopropyltoluene	1.2	0.9
n-Butylbenzene	< DL(U)	0.9
Naphthalene	1.0	0.9

< DL (U) = compound analyzed but not detected
L = estimated value
B = analyte found in blank
E = exceed calibration range

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 NATURES WAY
Address: 3553 CRITTENDEN RD.
CRITTENDEN, NY 14038
Attn: RUSS

Phone 937-6527
FAX 937-9360

PO Number:
Project Number:
Project Cust: GARY SCHUAGIEL
Project Site: NEWFANE/FLEET
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/FID**

Sample ID (LAB)	14857	
Sample ID#1(CUST)	SB2	
Sample ID#2(CUST)		
Matrix	SOIL	
Sampled By	JASON KELLY	
Date Sampled	10/16/97	
Date Received	10/20/97	8:00
Date Analyzed	10/21/97	
Date Reported	10/21/97	

	Results	Det Limit* (PPB)
MTBE	< DL(U)	7.9
Benzene	< DL(U)	0.8
Toluene	< DL(U)	0.8
Ethylbenzene	1.0	0.8
m&p-Xylene	1.7	1.6
o-Xylene	< DL(U)	0.8
Isopropylbenzene	< DL(U)	0.8
n-Propylbenzene	1.8	0.8
1,3,5-Trimethylbenzene	2.2	0.8
tert-Butylbenzene	< DL(U)	0.8
1,2,4-Trimethylbenzene	1.8	0.8
sec-Butylbenzene&1,3-Dichlorobenzene	1.7	1.6
Isopropyltoluene	< DL(U)	0.8
n-Butylbenzene	< DL(U)	0.8
Naphthalene	0.8	0.8

< DL (U) = compound analyzed but not detected
L = estimated value
B = analyte found in blank
E = exceed calibration range

EXPRESSLAB

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SPECIALIZING IN ENVIRONMENTAL SOIL TESTS

NEW YORK STATE LABORATORY #11369

LABORATORY REPORT - METHOD 8021

Cust NATURES WAY
Address: 3553 CRITTENDEN RD.
CRITTENDEN, NY 14038
Attn: RUSS

Phone 937-6527
FAX 937-9360

PO Number:
Project Number:
Project Cust: GARY SCHUAGIEL
Project Site: NEWFANE/FLEET
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/FID**

Sample ID (LAB)	14858	
Sample ID#1(CUST)	SB3	
Sample ID#2(CUST)		
Matrix	SOIL	
Sampled By	JASON KELLY	
Date Sampled	10/16/97	
Date Received	10/20/97	8:00
Date Analyzed	10/21/97	
Date Reported	10/21/97	

	Results	Det Limit* (PPB)
MTBE	< DL(U)	8.4
Benzene	242.7	0.8
Toluene	2.3	0.8
Ethylbenzene	26.9	0.8
m&p-Xylene	28.9	1.7
o-Xylene	13.5	0.8
Isopropylbenzene	1.8	0.8
n-Propylbenzene	4.1	0.8
1,3,5-Trimethylbenzene	8.2	0.8
tert-Butylbenzene	< DL(U)	0.8
1,2,4-Trimethylbenzene	10.5	0.8
sec-Butylbenzene&1,3-Dichlorobenzene	3.0	1.7
Isopropyltoluene	1.2	0.8
n-Butylbenzene	2.3	0.8
Naphthalene	3.3	0.8

< DL (U) = compound analyzed but not detected
L = estimated value
B = analyte found in blank
E = exceed calibration range

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SPECIALIZING IN ENVIRONMENTAL SOIL TESTS

NEW YORK STATE LABORATORY #11369

LABORATORY REPORT - METHOD 8021

Cust NATURES WAY
Address: 3553 CRITTENDEN RD.
CRITTENDEN, NY 14038
Attn: RUSS

Phone 937-6527
FAX 937-9360

PO Number:
Project Number:
Project Cust: GARY SCHUAGIEL
Project Site: NEWFANE/FLEET
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/FID

Sample ID (LAB)	14859			
Sample ID#1(CUST)	SB4			
Sample ID#2(CUST)				
Matrix	SOIL			
Sampled By	JASON KELLY			
Date Sampled	10/16/97			
Date Received	10/20/97	8:00		
Date Analyzed	10/21/97			
Date Reported	10/21/97			
	Results	Det Limit*	(PPB)	
MTBE	< DL(U)	8.5		
Benzene	< DL(U)	0.9		
Toluene	0.9	0.9		
Ethylbenzene	< DL(U)	0.9		
m&p-Xylene	< DL(U)	1.7		
o-Xylene	< DL(U)	0.9		
Isopropylbenzene	< DL(U)	0.9		
n-Propylbenzene	< DL(U)	0.9		
1,3,5-Trimethylbenzene	1.3	0.9		
tert-Butylbenzene	< DL(U)	0.9		
1,2,4-Trimethylbenzene	< DL(U)	0.9		
sec-Butylbenzene&1,3-Dichlorobenzene	< DL(U)	1.7		
Isopropyltoluene	< DL(U)	0.9		
n-Butylbenzene	< DL(U)	0.9		
Naphthalene	< DL(U)	0.9		

< DL (U) = compound analyzed but not detected B = analyte found in blank
L = estimated value E = exceed calibration range

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SPECIALIZING IN ENVIRONMENTAL SOIL TESTS
NEW YORK STATE LABORATORY #11369

LABORATORY REPORT -METHOD 8270

Cust NATURES WAY
Address 3553 CRITTENDEN RD.
CRITTENDEN, NY 14038
Attn: RUSS

Phone 937-6527
FAX 937-9360

PO Number:
Project Number:
Project Cust: GARY SCHUAGIEL
Project Site: NEWFANE/FLEET
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print
Detection Limits* = Soil=mg/kg ppm
*See Individual Limit

Results shown are: PAH COMPOUNDS
Extraction Method: EPA 3550 SONICATION
Analysis Method: EPA 8270 GC/MS

Sample ID (LAB)	14856	
Sample ID#1(CUST)	SB1	
Sample ID#2(CUST)		
Matrix	SOIL	
Sampled By	JASON KELLY	
Date Sampled	10/16/97	
Date Received	10/20/97	08:00
Date Analyzed	10/21/97	
Date Reported	10/22/97	
	Results	**Det Limit***
Naphthalene	< DL(U)	0.17
Acenaphthylene	< DL(U)	0.17
Acenaphthene	< DL(U)	0.17
Fluorene	< DL(U)	0.17
Phenanthrene	< DL(U)	0.17
Anthracene	< DL(U)	0.17
Fluoranthene	< DL(U)	0.17
Pyrene	< DL(U)	0.17
Benzo(a)anthracene	< DL(U)	0.17
Chrysene	< DL(U)	0.17
Benzo(b)fluoranthene	< DL(U)	0.17
Benzo(k)fluoranthene	< DL(U)	0.17
Benzo(a)pyrene	< DL(U)	0.17
Indeno(1,2,3-c,d)pyrene	< DL(U)	0.17
Dibenz(a,h)anthracene	< DL(U)	0.17
Benzo(g,h,i)perylene	< DL(U)	0.17

J=Detected above MDL, but below PQL

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 8270

Cust	NATURES WAY
Address	3553 CRITTENDEN RD. CRITTENDEN, NY 14038
Attn:	RUSS
Phone	937-6527
FAX	937-9360

PO Number:	
Project Number:	
Project Cust:	GARY SCHUAGIEL
Project Site:	NEWFANE/FLEET
Date FAXED:	
Lab Director	[signature]

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print
Detection Limits* = Soil=mg/kg ppm
*See Individual Limit

Results shown are: **PAH COMPOUNDS**
Extraction Method: **EPA 3550 SONICATION**
Analysis Method: **EPA 8270 GC/MS**

Sample ID (LAB)	14857	
Sample ID#1(CUST)	SB2	
Sample ID#2(CUST)		
Matrix	SOIL	
Sampled By	JASON KELLY	
Date Sampled	10/16/97	
Date Received	10/20/97	08:00
Date Analyzed	10/21/97	
Date Reported	10/22/97	

	Results	Det Limit*
Naphthalene	< DL(U)	0.17
Acenaphthylene	< DL(U)	0.17
Acenaphthene	< DL(U)	0.17
Fluorene	< DL(U)	0.17
Phenanthrene	< DL(U)	0.17
Anthracene	< DL(U)	0.17
Fluoranthene	< DL(U)	0.17
Pyrene	< DL(U)	0.17
Benzo(a)anthracene	< DL(U)	0.17
Chrysene	< DL(U)	0.17
Benzo(b)fluoranthene	< DL(U)	0.17
Benzo(k)fluoranthene	< DL(U)	0.17
Benzo(a)pyrene	< DL(U)	0.17
Indeno(1,2,3-c,d)pyrene	< DL(U)	0.17
Dibenz(a,h)anthracene	< DL(U)	0.17
Benzo(g,h,i)perylene	< DL(U)	0.17

J=Detected above MDL, but below PQL

EXPRESSLAB PO Box 40 5611 Water Street Middlesex NY 14507

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

SPECIALIZING IN ENVIRONMENTAL SOIL TESTS
NEW YORK STATE LABORATORY #11369

LABORATORY REPORT -METHOD 8270

Cust NATURES WAY
Address 3553 CRITTENDEN RD.
CRITTENDEN, NY 14038
Attn: RUSS

Phone 937-6527
FAX 937-9360

PO Number:
Project Number:
Project Cust: GARY SCHUAGIEL
Project Site: NEWFANE/FLEET
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print
Detection Limits* = Soil=mg/kg ppm
*See Individual Limit

Results shown are: PAH COMPOUNDS
Extraction Method: EPA 3550 SONICATION
Analysis Method: EPA 8270 GC/MS

	14858	
Sample ID (LAB)		
Sample ID#1(CUST)	SB3	
Sample ID#2(CUST)		
Matrix	SOIL	
Sampled By	JASON KELLY	
Date Sampled	10/16/97	
Date Received	10/20/97	08:00
Date Analyzed	10/21/97	
Date Reported	10/22/97	
	Results	**Det Limit***
Naphthalene	< DL(U)	0.17
Acenaphthylene	< DL(U)	0.17
Acenaphthene	< DL(U)	0.17
Fluorene	< DL(U)	0.17
Phenanthrene	< DL(U)	0.17
Anthracene	< DL(U)	0.17
Fluoranthene	< DL(U)	0.17
Pyrene	< DL(U)	0.17
Benzo(a)anthracene	< DL(U)	0.17
Chrysene	< DL(U)	0.17
Benzo(b)fluoranthene	< DL(U)	0.17
Benzo(k)fluoranthene	< DL(U)	0.17
Benzo(a)pyrene	< DL(U)	0.17
Indeno(1,2,3-c,d)pyrene	< DL(U)	0.17
Dibenz(a,h)anthracene	< DL(U)	0.17
Benzo(g,h,i)perylene	< DL(U)	0.17

J=Detected above MDL, but below PQL

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 8270

Cust NATURES WAY
Address 3553 CRITTENDEN RD.
CRITTENDEN, NY 14038
Attn: RUSS

Phone 937-6527
FAX 937-9360

PO Number:
Project Number:
Project Cust: GARY SCHUAGIEL
Project Site: NEWFANE/FLEET
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print
Detection Limits* = Soil=mg/kg ppm
*See Individual Limit

Results shown are: PAH COMPOUNDS
Extraction Method: EPA 3550 SONICATION
Analysis Method: EPA 8270 GC/MS

	14859	
Sample ID (LAB)		
Sample ID#1(CUST)	SB4	
Sample ID#2(CUST)		
Matrix	SOIL	
Sampled By	JASON KELLY	
Date Sampled	10/16/97	
Date Received	10/20/97	08:00
Date Analyzed	10/21/97	
Date Reported	10/22/97	
	Results	Det Limit*
Naphthalene	< DL(U)	0.17
Acenaphthylene	< DL(U)	0.17
Acenaphthene	< DL(U)	0.17
Fluorene	< DL(U)	0.17
Phenanthrene	< DL(U)	0.17
Anthracene	< DL(U)	0.17
Fluoranthene	< DL(U)	0.17
Pyrene	< DL(U)	0.17
Benzo(a)anthracene	< DL(U)	0.17
Chrysene	< DL(U)	0.17
Benzo(b)fluoranthene	< DL(U)	0.17
Benzo(k)fluoranthene	< DL(U)	0.17
Benzo(a)pyrene	< DL(U)	0.17
Indeno(1,2,3-c,d)pyrene	< DL(U)	0.17
Dibenz(a,h)anthracene	< DL(U)	0.17
Benzo(g,h,i)perylene	< DL(U)	0.17

J=Detected above MDL, but below PQL

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 9
270 Michigan Avenue, Buffalo, New York, 14203-2999
Phone: (716) 851-7220 • **FAX:** (716) 851-7226
Website: www.dec.state.ny.us

Erin M. Crotty
Commissioner

December 16, 2002

Mr. David Mumm
Trammel Crow Company
10 Fountain Plaza
Buffalo, New York 14202

Dear Mr. Mumm:

Spill Number 9704439
2700 Main Street
Newfane
Niagara County

We have reviewed the site investigation and post-excavation soil sample laboratory analysis results. The results exceed our soil guidance values. However, since the concentrations reported in the investigation were low levels and petroleum odors in the building are no longer being observed, we will not require any further work at this time. The site will have a status of "inactive".

Please note that any soils generated during future site excavations must be analyzed to determine if they exceed the guidance values listed in the New York State Department of Environmental Conservation STARS Memo #1 Petroleum-Contaminated Soil Guidance Policy. Any excavated soils exceeding those values will have to be remediated or properly disposed in accordance with all applicable regulations.

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

Sincerely,

Salvatore A. Calandra
Environmental Engineer I

SAC:sz

cc: Mr. David Drust - Niagara County Health Department

NATURE'S WAY
ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.
3553 Crittenden Rd.
Crittenden, NY 14038
Ph. - (716) 937-6527
Fax - (716) 937-9360

March 16, 1998

Mr. Sal Calandra
NYSDEC, Region 9 Spills
270 Michigan Ave.
Buffalo, NY 14203-2999

Mr. Dave Drust
Niagara County Health Dept.

Re: Spill 9704439
Fleet Bank (Trammel Crow) Property
2700 Main St., Newfane, Niagara County

Dear Sal and Dave:

Please find the following summary of site activities and attached copies of Soil Vapor Extraction System (SVES) operational data and analytical testing results with regard to the above referenced Spill. Monitoring of the SVES, in the form of sampling and analytical testing of SVES effluent, as required by your department, was performed on 12/09/97 and 02/03/98. A small noise reduction enclosure was also added to the system, and periodic system checks and draining of the dropout tank have been conducted.

The completed SVES Data Sheet demonstrates system compliance with applicable (Benzene) air discharge limits with at least a 10x safety factor, thus eliminating any requirement for control measures. Pursuant to our discussions following receipt of initial effluent analytical results, which failed to identify concentrations of Benzene and Total Petroleum Hydrocarbons above method detection limits, the second required sample was analyzed for Benzene only, which again was not detected. The SVES Data Sheet calculations were performed using a Benzene concentration of 1,600.0 Micrograms/Cubic Meter (reported Method Detection Limit), and confirm that control measures are not warranted.

This should complete necessary submissions for the subject site at this time. Please call if you should have any questions or require additional information.

Sincerely,

Gregory J. Weber

cc: Mr Gary Schlegel
Trammel Crow Company

SVES DATA SHEET

TO: Mr. Sal Calandra NYSDEC, Mr. Dave Drust NCHD
FROM: Nature's Way Environmental Consultants + Contractors, Inc.

REASON FOR SUBMITTAL:
X NOTICE OF OPERATION
____ NOTICE OF REMOVAL OF EMISSION CONTROL EQUIPMENT

SPILL NAME: Fleet Bank (Trammel Crow) Property
SPILL LOCATION: 2700 Main St.
Newfane, Niagara County, NY
SPILLER: Trammel Crow Company
ADDRESS: 10 Fountain Plaza
Buffalo, NY 14202
SPILL NUMBER: 9704439
PIN NUMBER: NA

START-UP DATE: 10/24/97
mo day yr

ESTIMATED PROJECT DURATION: 18 (Months) or Years

EMISSION POINT:
a. Emission I.D. Number: 001
b. Ground Elevation Above Sea Level: 330 FT
c. Stack Height: 20 FT
d. Height Above Nearest Structure: 2 FT
e. Stack Inside Dimensions: 0.166 FT
f. Air Exit Temperature: 80 F
g. Air Flow-rate: 125 CFM
h. Air Exit Velocity: 96.3 FT/SEC
= Air Flow-rate in CFM / Cross-sectional Area of Stack in FT² X 60
i. Benzene Concentration in Air Influent: <1,600.0 UG/M³
< 0.09 LB/HR
<0.485 PPM-V
j. Distance From Base of Stack to Nearest On-Site Bldg: 0.5 FT
k. Distance From Base of Stack to Nearest Off-Site Bldg: 100 FT

OPERATION TIME

a. Hours/Day: 24
b. Days/Year: 365
c. % Operation by Season: 25% Winter 25% Summer
25% Spring 25% Fall

PROCESS DESCRIPTION

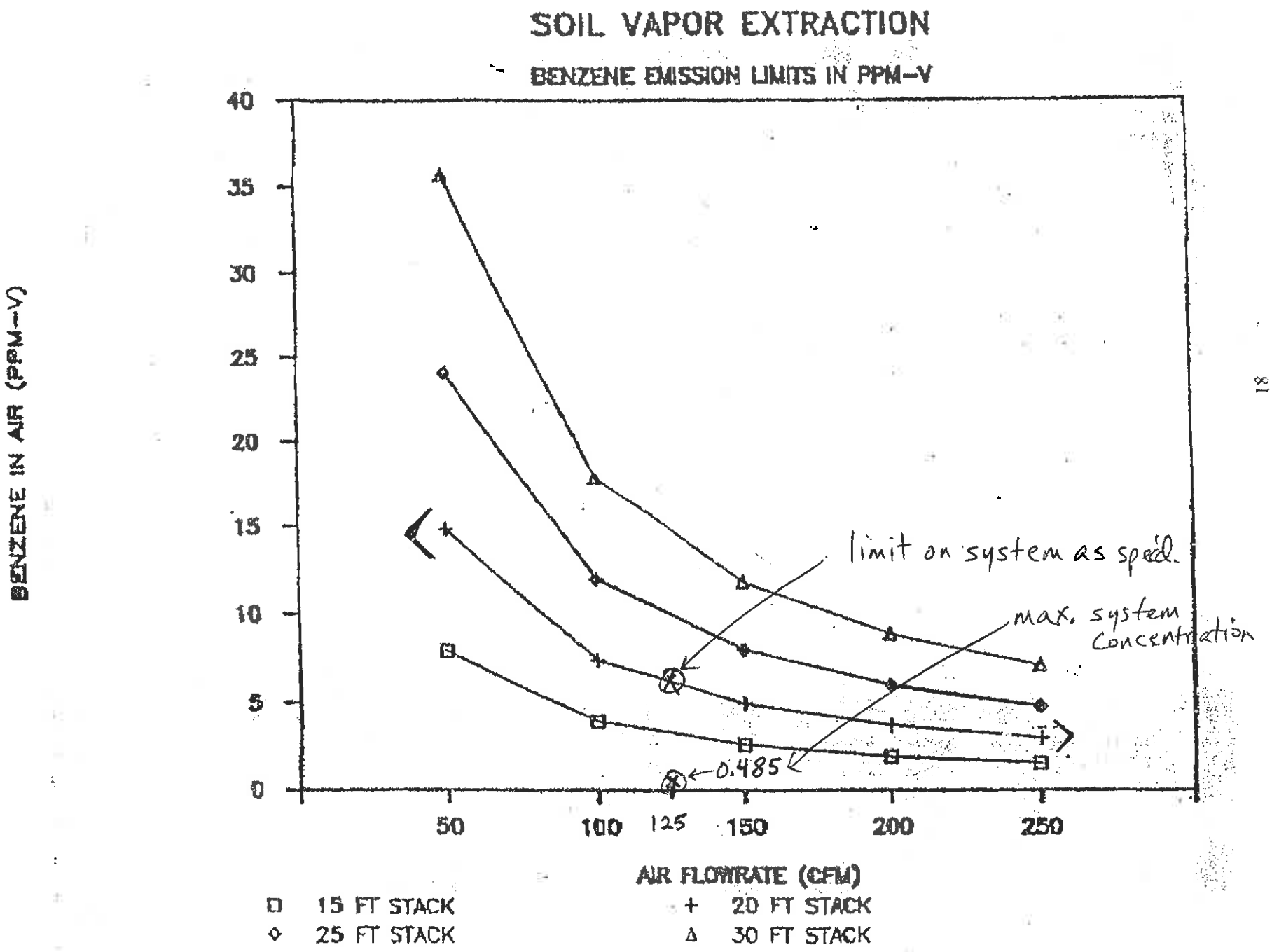
Soil vapor extraction to remove volatile compounds from petroleum-contaminated soil, and to discharge the compounds to the atmosphere.

EMISSION CONTROLS

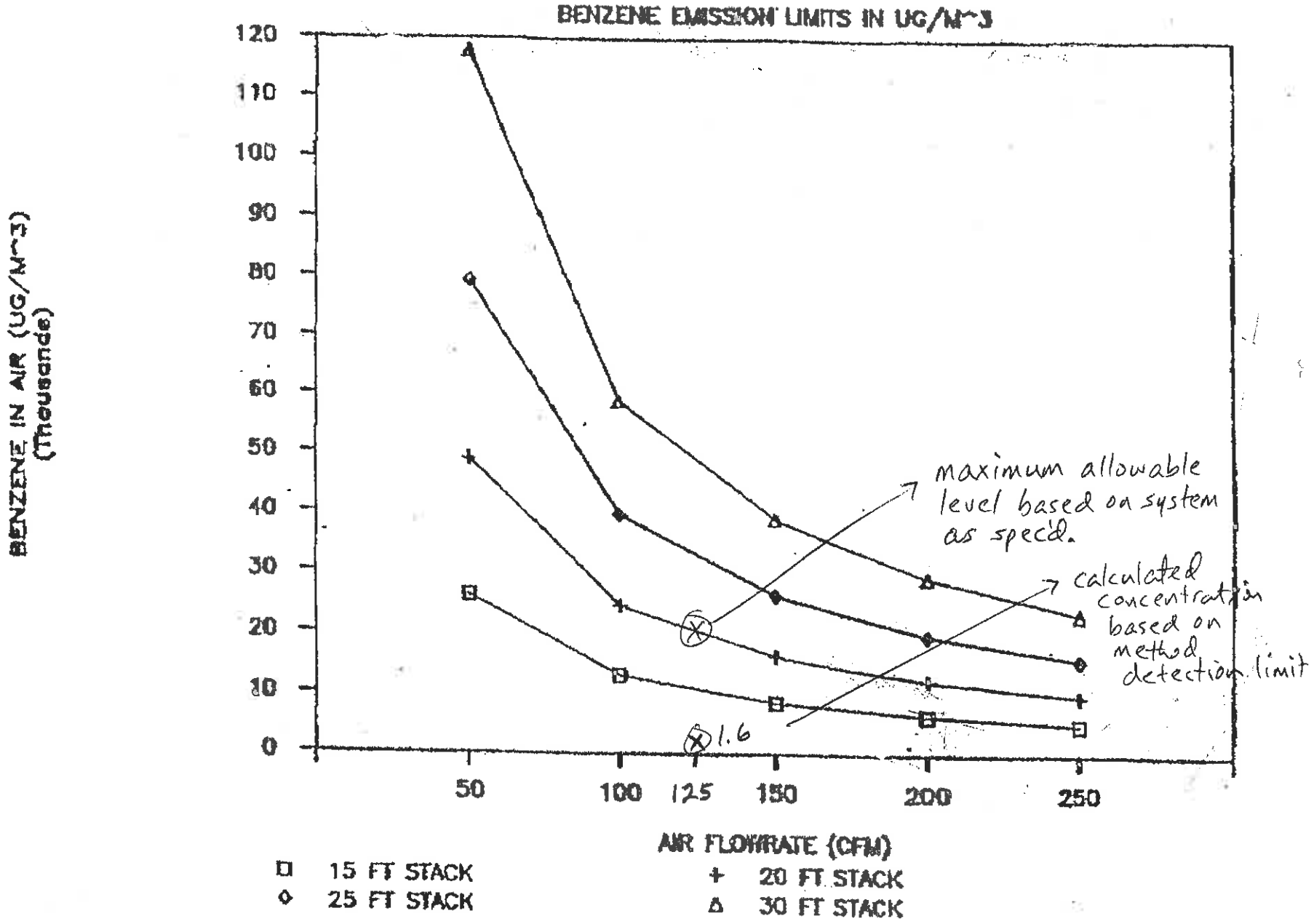
X NOT NEEDED BASED ON ANALYSIS OF PILOT TEST DATA
X NOT NEEDED BASED ON ANALYSIS OF OPERATING DATA
____ DESCRIBED BELOW

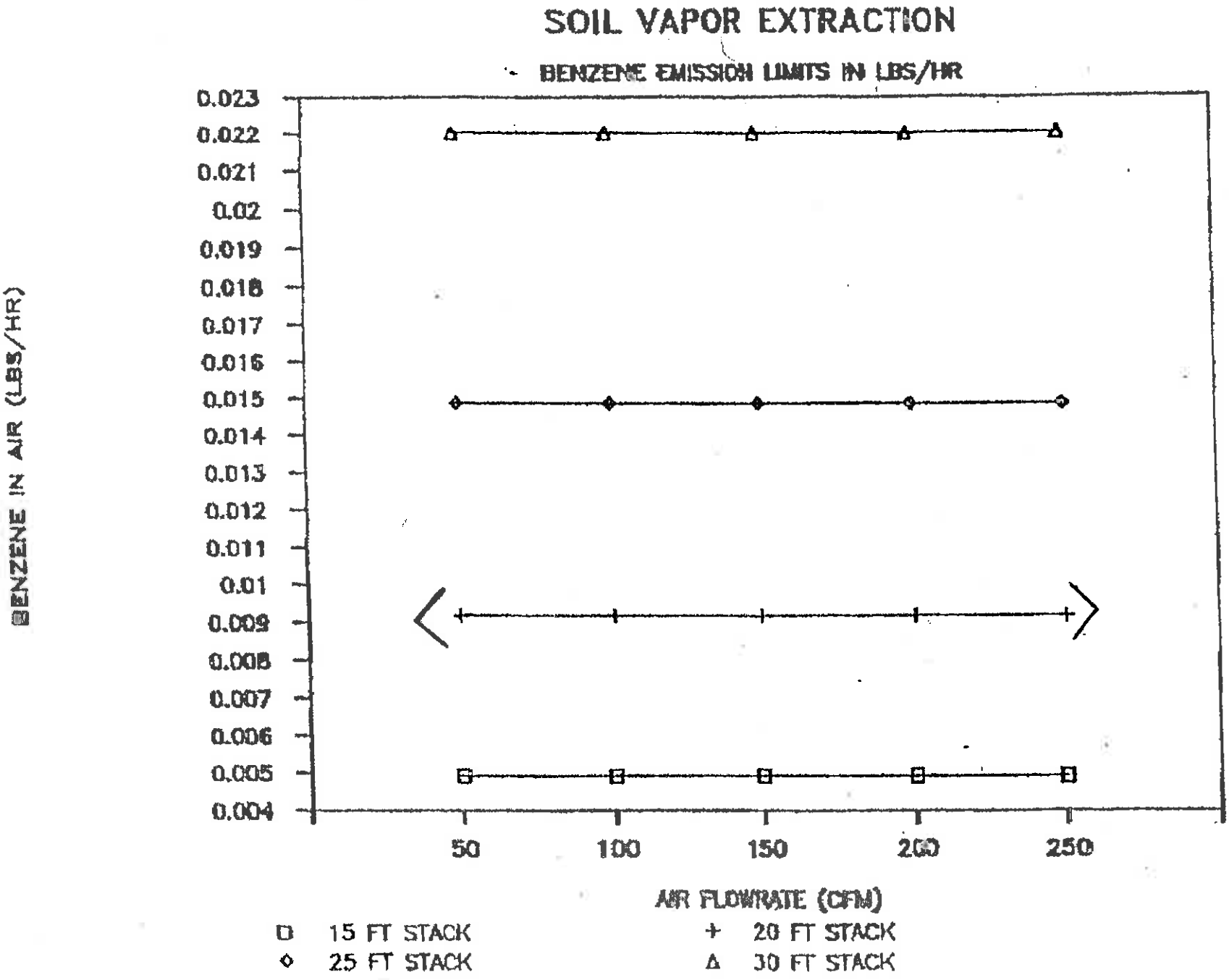
SOIL VAPOR EXTRACTION SYSTEM (SVES) BENZENE EMISSION LIMITS

STACK HEIGHT (FEET)	AIR FLOW (CFM)	BENZENE EMISSIONS (PPM-V)	BENZENE EMISSIONS (UG/M^3)	BENZENE EMISSIONS (LBS/HR)
15	50	8.00	26360	0.00494
	100	4.00	13180	0.00494
	150	2.66	8787	0.00494
	200	2.00	6590	0.00494
	250	1.60	5272	0.00494
20	50	14.88	49069	0.00919
125 <	100	7.44	24535	0.00919
	150	4.96	16356	0.00919
	200	3.72	12267	0.00919
	250	2.98	9814	0.00919
25	50	24.10	79458	0.01488
	100	12.05	39729	0.01488
	150	8.03	26486	0.01488
	200	6.02	19864	0.01488
	250	4.82	15892	0.01488
30	50	35.72	117806	0.02206
	100	17.86	58903	0.02206
	150	11.91	39269	0.02206
	200	8.93	29452	0.02206
	250	7.14	23561	0.02206


SOIL VAPOR EXTRACTION
BENZENE EMISSION LIMITS IN PPM-V
BENZENE IN AIR (PPM-V)
40
35
30
25
20
15
10
5
0
50
100
125
150
200
250
AIR FLOWRATE (CFM)
limit on system as spec'd.
max. system Concentration
0.485
15 FT STACK
20 FT STACK
25 FT STACK
30 FT STACK

SOIL VAPOR EXTRACTION




SOIL VAPOR EXTRACTION
BENZENE EMISSION LIMITS IN LBS/HR
BENZENE IN AIR (LBS/HR)
0.023
0.022
0.021
0.02
0.019
0.018
0.017
0.016
0.015
0.014
0.013
0.012
0.011
0.01
0.009
0.008
0.007
0.006
0.005
0.004
50
100
150
200
250
AIR FLOWRATE (CFM)
15 FT STACK
20 FT STACK
25 FT STACK
30 FT STACK

EXPRESSLAB

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SPECIALIZING IN ENVIRONMENTAL SOIL TESTS

NEW YORK STATE LABORATORY #11369

LABORATORY REPORT - METHOD 8260

Cust **NATURES WAY**
Address **3553 CRITTENDEN RD.**
CRITTENDEN, NY 14038
Attn: **R.SAVAGE/G.WEBER**

Phone 716-937-6527
FAX 716-937-9360

PO Number:
Project Number:
Project Cust:
Project Site: **FLEET BANK/NEWFANE**
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print
Detection Limits* =
*See Individual Limit

Results shown are: **Volatile Organic Analytes**
Extraction Method: **EPA 5030 Purge & Trap**
Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)	15776	
Sample ID#1(CUST)	SVE SYSTEM	
Sample ID#2(CUST)	EFFLUENT (AIR)	
Matrix	AIR	
Sampled By	DANIEL WIK	
Date Sampled	12/09/97	
Date Received	12/15/97	08:00
Date Analyzed	12/17/97	
Date Reported	12/19/97	
	Results	**ug/m3**
Benzene	< DL(U)	800.0
	< 0.24ppm	

* DL = Detection Limit

RESULTS WHEN YOU WANT THEM

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 TPH

Cust **NATURES WAY**
Address **3553 CRITTENDEN RD.**
CRITTENDEN, NY 14038
Attn: **R.SAVAGE/G.WEBER**

Phone 716-937-6527
FAX 716-937-9360

PO Number:
Project Number:
Project Cust:
Project Site: **FLEET BANK/NEWFANE**
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 Organic Analytes**
Extraction Method: **EPA 5030 Purge & Trap**
Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)	15776	
Sample ID#1(CUST)	SVE SYSTEM	
Sample ID#2(CUST)	EFFLUENT (AIR)	
Matrix	AIR	
Sampled By	DANIEL WIK	
Date Sampled	12/09/97	
Date Received	12/15/97	08:00
Date Analyzed	12/17/97	
Date Reported	12/19/97	

	Results	ug/m3
TPH (Gasoline range)	< DL(U)	80000

< 24ppm

* DL = Detection Limit

RESULTS WHEN YOU WANT THEM

15776 WORK SHEET

PO Box 40 5611 Water Street Middlesex NY 14507

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

WORKORDER

SPECIALIZING IN ENVIRONMENTAL SOILS TESTS
NY # 11369 NJ # 73744 CA # 2055 SC # 91011

CUSTOMER: NWEC&C, Inc.
ADDRESS: 3553 Gittenden Rd.
CITY: Gittenden, NY 14038
STATE/ZIP:
PHONE: (716)937-6527
FAX: 937-9360
CONTACT: R. Savage/G. Weber

PO NUMBER:
PROJECT NO:
PROJECT CUST:
PROJECT SITE: Fleet Bank/Newfane

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

SAMPLE DEMOGRAPHICS AND TESTS REQUIRED

8020 BTEX + MTBE	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)		CORROSIVITY
		FLASH POINT

(DIESEL)
(GAS OR OIL)
SUSPECT :

SPECIAL INSTRUCTIONS:

LIST ANALYSIS REQUIRED

DATE	TIME	SAMPLE DESCRIPTION / LOCATION / MATRIX	TPH	Benzene				
12/9/97	10:45	SVE System Effluent (Air)	X	X				

CHAIN OF CUSTODY RECORD

of SAMPLES 1 # of CONTAINERS 1
SAMPLED BY: Daniel B. Wilk
SIGNATURE: Daniel B. Wilk
NAME:
DATED: 12/10/97 TIME: 8:00
HOW SENT: ☐EXP MAIL ☐HAND CARRY
SIGNATURE 2: Greg Weber
NAME 2: Greg Weber
DATED 2: 12/12/97 TIME: 13:15
HOW SENT 2: ☐EXP MAIL ☐HAND CARRY

SAMPLES RECEIVED BY: Mike Shaffner
SIGNATURE:
NAME:
DATE: 12/12/97 TIME: 13:15
HOW RECD: ☐EXP MAIL ☒HAND CARRY
FREIGHT IN: $
LOGGED IN: 12/15/97 TIME: 8:00
SAMPLE COND: Sealed SAMPLE TEMP: 38
LAB NOTES:

White-Lab, Yellow-Customer, Hard-Lab

RESULTS WHEN YOU WANT THEM

expwo20doc

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

NY STATE LABORATORY #11369 SPECIALIZING IN ENVIRONMENTAL SOILS TESTS

December 23, 1997

Mr. Russ Savage
Nature's Way
3553 Crittenden Road
Crittenden, NY 14038

Dear Mr. Savage:

In response to your question as to whether the air sample (SVE System Effluent - Air) from Fleet Bank in Newfane contained any diesel range organics, I reviewed all the available analytical data. There was no diesel profile present in the chromatogram from the volatile analysis. Because this is an air sample, there shouldn't be any matrix interference inhibiting the presence of diesel compounds from showing up on this chromatogram. To support this, a NIST library search was performed with no compounds present in the diesel range. However, there is a possibility that diesel compounds may be present at a level which is less than that which can be detected using an unconcentrated volume of the air.

I hope this may be helpful to you. If you have any further questions, please call me at 1-800-843-5227.

Sincerely,

Ann M. Whaley
Asst. Lab Director

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 8260

Cust **NATURES WAY**
Address **3553 CRITTENDEN RD.**
CRITTENDEN, NY 14038
Attn: **R.SAVAGE/G.WEBER**

Phone 716-937-6527
FAX 716-937-9360

PO Number:
Project Number:
Project Cust:
Project Site: **FLEET BANK/NEWFANE**
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print
Detection Limits* = ug/m3
*See Individual Limit

Results shown are: **Volatile Organic Analytes**
Extraction Method: **EPA 5030 Purge & Trap**
Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)	16476	
Sample ID#1(CUST)	SVE AIR EFFLUENT	
Sample ID#2(CUST)		
Matrix	AIR	
Sampled By	LONNIE HINES	
Date Sampled	02/03/98	
Date Received	02/04/98	08:15
Date Analyzed	02/05/98	
Date Reported	02/09/98	
	Results	**Det Limit***
Benzene	< DL(U)	1600.0

REVISED 2/11/98 GW

* DL = Detection Limit

RESULTS WHEN YOU WANT THEM

16476 WORK SHEET

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

WORK ORDER

SPECIALIZING IN ENVIRONMENTAL SOILS TESTS
NY # 11369 NJ # 73744 CA # 2055 SC # 91011

3 days 2/6

CUSTOMER: NWEC+G, Inc.
ADDRESS: 3553 Cittenden Rd.
CITY: Cittenden, NY 14038
STATE/ZIP:
PHONE: (716) 937-6527
FAX: 937-9360
CONTACT: R. Savage/G. Weber

PO NUMBER:
PROJECT NO:
PROJECT CUST:
PROJECT SITE: Fleet Bank/Newfane

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

SAMPLE DEMOGRAPHICS AND TESTS REQUIRED

8020 BTEX + MTBE	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)		CORROSIVITY
		FLASH POINT

LOOK

(DIESEL)
(GAS OR OIL)

SUSPECT : _____

SPECIAL INSTRUCTIONS: HOLD UNTIL YOU HEAR FROM GREG WEBSTER ABOUT DETECTION LIMITS

DATE	TIME	SAMPLE DESCRIPTION / LOCATION / MATRIX	LIST ANALYSIS REQUIRED: BENZENE
2/3/98		SVE Air Effluent	X

CHAIN OF CUSTODY RECORD

of SAMPLES 1 # of CONTAINERS 1
SAMPLED BY: Lonnie Hines
SIGNATURE:
NAME:
DATED: 2/3/98 TIME: 1:35
HOW SENT: ☐EXP MAIL ☐HAND CARRY
SIGNATURE 2:
NAME 2:
DATED 2: / / TIME: :
HOW SENT 2: ☐EXP MAIL ☐HAND CARRY

SAMPLES RECEIVED BY: MIKE SHEFFLIN
SIGNATURE:
NAME:
DATE: 2/3/98 TIME: 13:35
HOW RECD: ☐EXP MAIL ☑HAND CARRY
FREIGHT IN: $
LOGGED IN: 2/4/98 TIME: 8:15
SAMPLE COND: sealed SAMPLE TEMP: 34
LAB NOTES:

White-Lab, Yellow-Customer, Hard-Lab

RESULTS WHEN YOU WANT THEM

expwo20doc

NATURE'S WAY
ENVIRONMENTAL CONSULTANTS & CONTRACTORS, INC.
3553 Crittenden Rd.
Crittenden, NY 14038
Ph. - (716) 937-6527
Fax - (716) 937-9360

March 16, 1998

Mr. Sal Calandra
NYSDEC, Region 9 Spills
270 Michigan Ave.
Buffalo, NY 14203-2999

Mr. Dave Drust
Niagara County Health Dept.

Re: Spill 9704439
Fleet Bank (Trammel Crow) Property
2700 Main St., Newfane, Niagara County

Dear Sal and Dave:

Please find the following summary of site activities and attached copies of Soil Vapor Extraction System (SVES) operational data and analytical testing results with regard to the above referenced Spill. Monitoring of the SVES, in the form of sampling and analytical testing of SVES effluent, as required by your department, was performed on 12/09/97 and 02/03/98. A small noise reduction enclosure was also added to the system, and periodic system checks and draining of the dropout tank have been conducted.

The completed SVES Data Sheet demonstrates system compliance with applicable (Benzene) air discharge limits with at least a 10x safety factor, thus eliminating any requirement for control measures. Pursuant to our discussions following receipt of initial effluent analytical results, which failed to identify concentrations of Benzene and Total Petroleum Hydrocarbons above method detection limits, the second required sample was analyzed for Benzene only, which again was not detected. The SVES Data Sheet calculations were performed using a Benzene concentration of 1,600.0 Micrograms/Cubic Meter (reported Method Detection Limit), and confirm that control measures are not warranted.

This should complete necessary submissions for the subject site at this time. Please call if you should have any questions or require additional information.

Sincerely,

Gregory J. Weber

cc: Mr Gary Schlegel
Trammel Crow Company

SVES DATA SHEET

TO: Mr. Sal Calandra NYSDEC, Mr. Dave Drust NCHD
FROM: Nature's Way Environmental Consultants + Contractors, Inc.

REASON FOR SUBMITTAL:
X NOTICE OF OPERATION
____ NOTICE OF REMOVAL OF EMISSION CONTROL EQUIPMENT

SPILL NAME: Fleet Bank (Trammel Crow) Property
SPILL LOCATION: 2700 Main St.
Newfane, Niagara County, NY
SPILLER: Trammel Crow Company
ADDRESS: 10 Fountain Plaza
Buffalo, NY 14202
SPILL NUMBER: 9704439
PIN NUMBER: NA

START-UP DATE: 10/24/97
mo day yr

ESTIMATED PROJECT DURATION: 18 (Months) or Years

EMISSION POINT:
a. Emission I.D. Number: 001
b. Ground Elevation Above Sea Level: 330 FT
c. Stack Height: 20 FT
d. Height Above Nearest Structure: 2 FT
e. Stack Inside Dimensions: 0.166 FT
f. Air Exit Temperature: 80 F
g. Air Flow-rate: 125 CFM
h. Air Exit Velocity: 96.3 FT/SEC
= Air Flow-rate in CFM / Cross-sectional Area of Stack in FT² X 60
i. Benzene Concentration in Air Influent: <1,600.0 UG/M³
< 0.09 LB/HR
<0.485 PPM-V
j. Distance From Base of Stack to Nearest On-Site Bldg: 0.5 FT
k. Distance From Base of Stack to Nearest Off-Site Bldg: 100 FT

OPERATION TIME

a. Hours/Day: 24
b. Days/Year: 365
c. % Operation by Season: 25% Winter 25% Summer
25% Spring 25% Fall

PROCESS DESCRIPTION

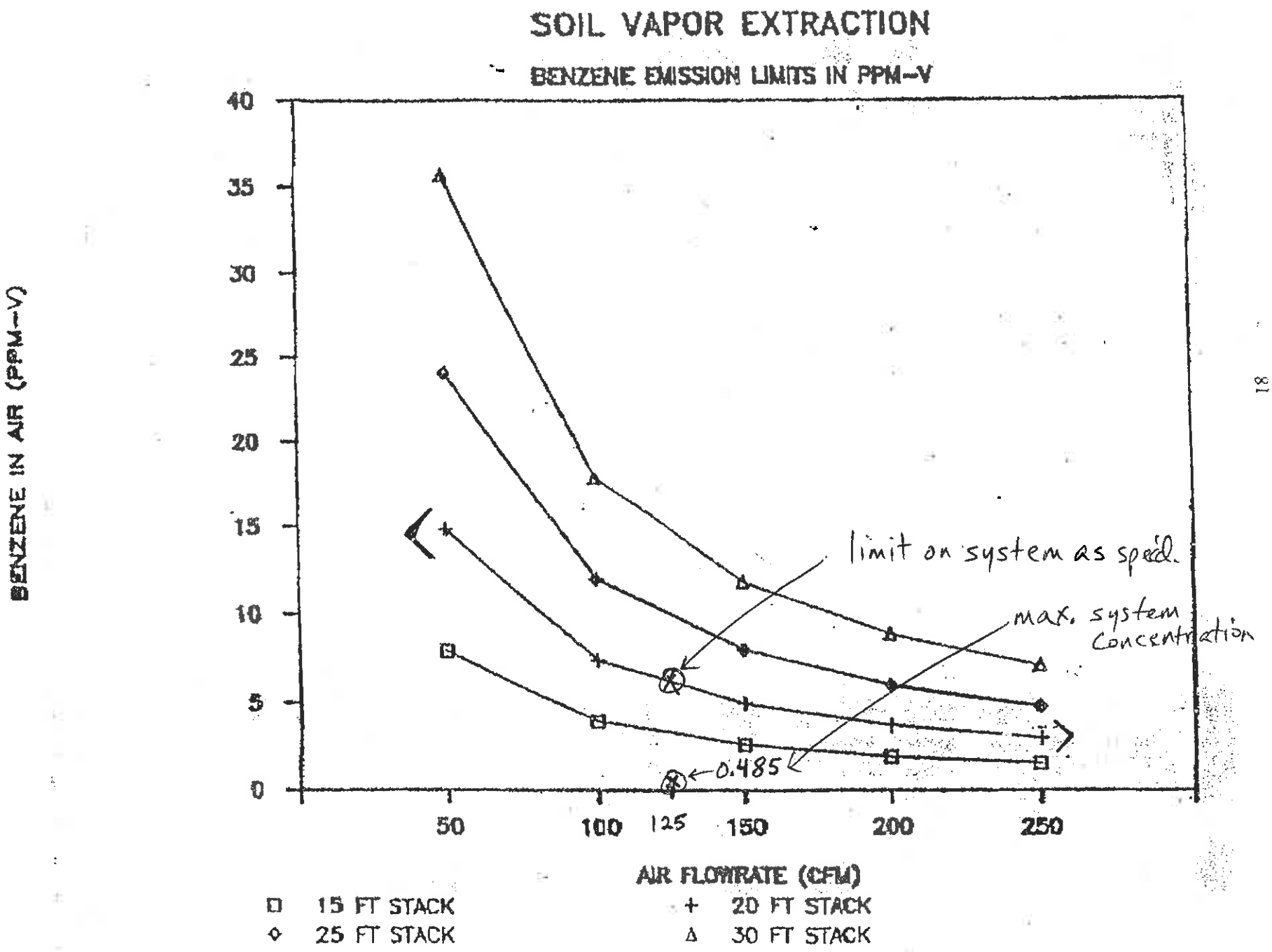
Soil vapor extraction to remove volatile compounds from petroleum-contaminated soil, and to discharge the compounds to the atmosphere.

EMISSION CONTROLS

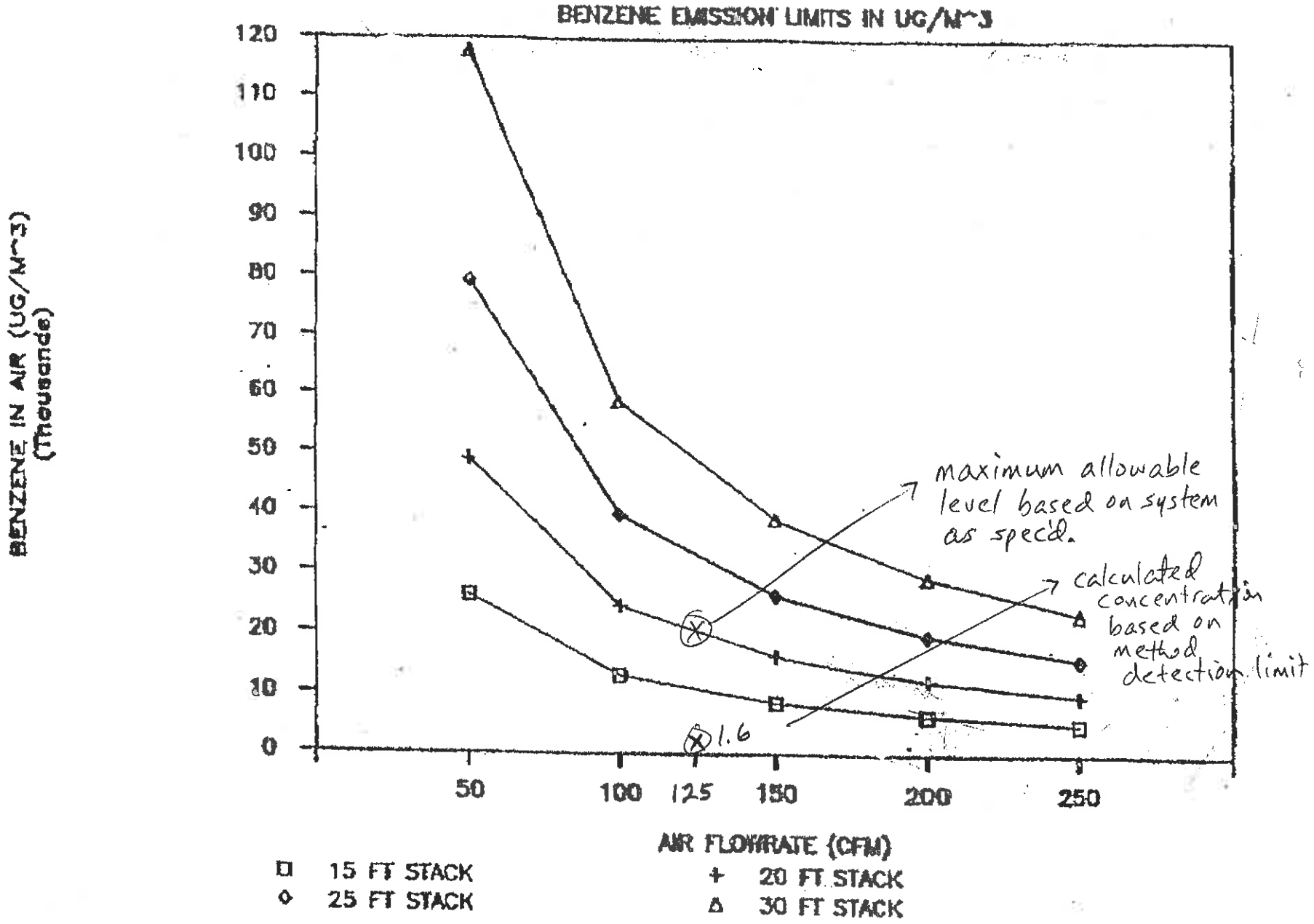
X NOT NEEDED BASED ON ANALYSIS OF PILOT TEST DATA
X NOT NEEDED BASED ON ANALYSIS OF OPERATING DATA
____ DESCRIBED BELOW

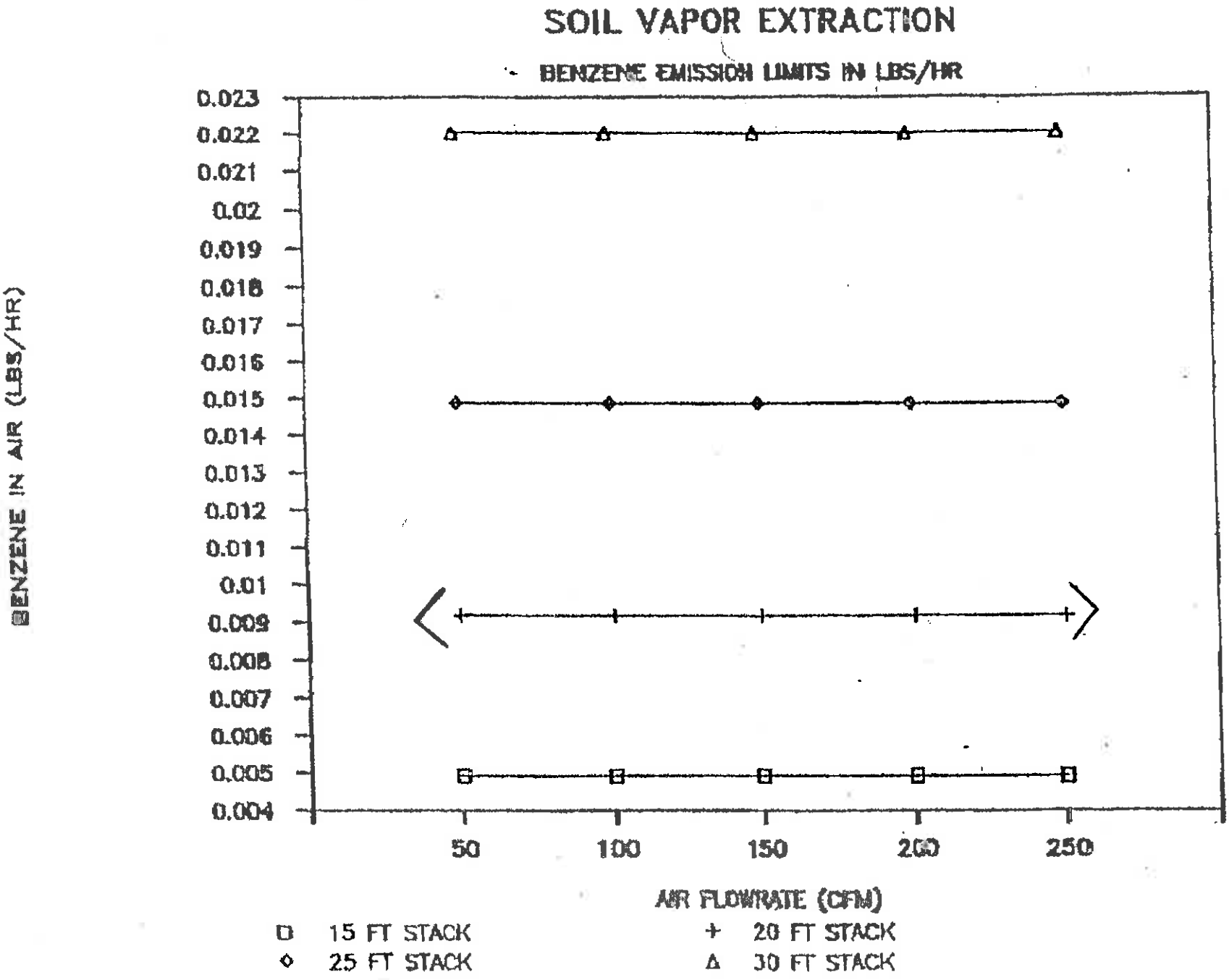
SOIL VAPOR EXTRACTION SYSTEM (SVES) BENZENE EMISSION LIMITS

STACK HEIGHT (FEET)	AIR FLOW (CFM)	BENZENE EMISSIONS (PPM-V)	BENZENE EMISSIONS (UG/M^3)	BENZENE EMISSIONS (LBS/HR)
15	50	8.00	26360	0.00494
	100	4.00	13180	0.00494
	150	2.66	8787	0.00494
	200	2.00	6590	0.00494
	250	1.60	5272	0.00494
20	50	14.88	49069	0.00919
125 <	100	7.44	24535	0.00919
	150	4.96	16356	0.00919
	200	3.72	12267	0.00919
	250	2.98	9814	0.00919
25	50	24.10	79458	0.01488
	100	12.05	39729	0.01488
	150	8.03	26486	0.01488
	200	6.02	19864	0.01488
	250	4.82	15892	0.01488
30	50	35.72	117806	0.02206
	100	17.86	58903	0.02206
	150	11.91	39269	0.02206
	200	8.93	29452	0.02206
	250	7.14	23561	0.02206


SOIL VAPOR EXTRACTION
BENZENE EMISSION LIMITS IN PPM-V
BENZENE IN AIR (PPM-V)
40
35
30
25
20
15
10
5
0
50
100
125
150
200
250
AIR FLOWRATE (CFM)
limit on system as spec'd.
max. system Concentration
0.485
15 FT STACK
20 FT STACK
25 FT STACK
30 FT STACK

SOIL VAPOR EXTRACTION




SOIL VAPOR EXTRACTION
BENZENE EMISSION LIMITS IN LBS/HR
BENZENE IN AIR (LBS/HR)
0.023
0.022
0.021
0.02
0.019
0.018
0.017
0.016
0.015
0.014
0.013
0.012
0.011
0.01
0.009
0.008
0.007
0.006
0.005
0.004
50
100
150
200
250
AIR FLOWRATE (CFM)
15 FT STACK
20 FT STACK
25 FT STACK
30 FT STACK

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 8260

Cust **NATURES WAY**
Address **3553 CRITTENDEN RD.**
CRITTENDEN, NY 14038
Attn: **R.SAVAGE/G.WEBER**

Phone 716-937-6527
FAX 716-937-9360

PO Number:
Project Number:
Project Cust:
Project Site: **FLEET BANK/NEWFANE**
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print
Detection Limits* =
*See Individual Limit

Results shown are: **Volatile Organic Analytes**
Extraction Method: **EPA 5030 Purge & Trap**
Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)	15776	
Sample ID#1(CUST)	SVE SYSTEM	
Sample ID#2(CUST)	EFFLUENT (AIR)	
Matrix	AIR	
Sampled By	DANIEL WIK	
Date Sampled	12/09/97	
Date Received	12/15/97	08:00
Date Analyzed	12/17/97	
Date Reported	12/19/97	
	Results	**ug/m3**
Benzene	< DL(U)	800.0
	< 0.24ppm	

* DL = Detection Limit

RESULTS WHEN YOU WANT THEM

EXPRESSLAB

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SPECIALIZING IN ENVIRONMENTAL SOIL TESTS

NEW YORK STATE LABORATORY #11369

LABORATORY REPORT - METHOD TPH

Cust **NATURES WAY**
Address **3553 CRITTENDEN RD.**
CRITTENDEN, NY 14038
Attn: **R.SAVAGE/G.WEBER**

Phone 716-937-6527
FAX 716-937-9360

PO Number:
Project Number:
Project Cust:
Project Site: **FLEET BANK/NEWFANE**
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 Organic Analytes**
Extraction Method: **EPA 5030 Purge & Trap**
Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)	15776	
Sample ID#1(CUST)	SVE SYSTEM	
Sample ID#2(CUST)	EFFLUENT (AIR)	
Matrix	AIR	
Sampled By	DANIEL WIK	
Date Sampled	12/09/97	
Date Received	12/15/97	08:00
Date Analyzed	12/17/97	
Date Reported	12/19/97	

	Results	ug/m3
TPH (Gasoline range)	< DL(U)	80000

< 24ppm

* DL = Detection Limit

RESULTS WHEN YOU WANT THEM

15776 WORK SHEET

PO Box 40 5611 Water Street Middlesex NY 14507

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

WORKORDER

SPECIALIZING IN ENVIRONMENTAL SOILS TESTS
NY # 11369 NJ # 73744 CA # 2055 SC # 91011

CUSTOMER: NWEC&C, Inc.
ADDRESS: 3553 Gittenden Rd.
CITY: Gittenden, NY 14038
STATE/ZIP:
PHONE: (716)937-6527
FAX: 937-9360
CONTACT: R. Savage/G. Weber

PO NUMBER:
PROJECT NO:
PROJECT CUST:
PROJECT SITE: Fleet Bank/Newfane

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

SAMPLE DEMOGRAPHICS AND TESTS REQUIRED

8020 BTEX + MTBE	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)		CORROSIVITY
		FLASH POINT

(DIESEL)
(GAS OR OIL)
SUSPECT :

SPECIAL INSTRUCTIONS:

LIST ANALYSIS REQUIRED

DATE	TIME	SAMPLE DESCRIPTION / LOCATION / MATRIX	TPH	Benzene				
12/9/97	10:45	SVE System Effluent (Air)	X	X				

CHAIN OF CUSTODY RECORD

of SAMPLES 1 # of CONTAINERS 1
SAMPLED BY: Daniel B. Wilk
SIGNATURE: Daniel B. Wilk
NAME:
DATED: 12/10/97 TIME: 8:00
HOW SENT: ☐EXP MAIL ☐HAND CARRY
SIGNATURE 2: Greg Weber
NAME 2: Greg Weber
DATED 2: 12/12/97 TIME: 13:15
HOW SENT 2: ☐EXP MAIL ☐HAND CARRY

SAMPLES RECEIVED BY: Mike Shaffner
SIGNATURE:
NAME:
DATE: 12/12/97 TIME: 13:15
HOW RECD: ☐EXP MAIL ☒HAND CARRY
FREIGHT IN: $
LOGGED IN: 12/15/97 TIME: 8:00
SAMPLE COND: Sealed SAMPLE TEMP: 38
LAB NOTES:

White-Lab, Yellow-Customer, Hard-Lab

RESULTS WHEN YOU WANT THEM

expwo20doc

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

NY STATE LABORATORY #11369 SPECIALIZING IN ENVIRONMENTAL SOILS TESTS

December 23, 1997

Mr. Russ Savage
Nature's Way
3553 Crittenden Road
Crittenden, NY 14038

Dear Mr. Savage:

In response to your question as to whether the air sample (SVE System Effluent - Air) from Fleet Bank in Newfane contained any diesel range organics, I reviewed all the available analytical data. There was no diesel profile present in the chromatogram from the volatile analysis. Because this is an air sample, there shouldn't be any matrix interference inhibiting the presence of diesel compounds from showing up on this chromatogram. To support this, a NIST library search was performed with no compounds present in the diesel range. However, there is a possibility that diesel compounds may be present at a level which is less than that which can be detected using an unconcentrated volume of the air.

I hope this may be helpful to you. If you have any further questions, please call me at 1-800-843-5227.

Sincerely,

Ann M. Whaley
Asst. Lab Director

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 8260

Cust **NATURES WAY**
Address **3553 CRITTENDEN RD.**
CRITTENDEN, NY 14038
Attn: **R.SAVAGE/G.WEBER**

Phone 716-937-6527
FAX 716-937-9360

PO Number:
Project Number:
Project Cust:
Project Site: **FLEET BANK/NEWFANE**
Date FAXED:
Lab Director

SAMPLE DEMOGRAPHICS AND TEST RESULTS

Results in bold type; Detection Limits in small print
Detection Limits* = ug/m3
*See Individual Limit

Results shown are: **Volatile Organic Analytes**
Extraction Method: **EPA 5030 Purge & Trap**
Analysis Method: **EPA 8260 GC/MS**

Sample ID (LAB)	16476	
Sample ID#1(CUST)	SVE AIR EFFLUENT	
Sample ID#2(CUST)		
Matrix	AIR	
Sampled By	LONNIE HINES	
Date Sampled	02/03/98	
Date Received	02/04/98	08:15
Date Analyzed	02/05/98	
Date Reported	02/09/98	
	Results	**Det Limit***
Benzene	< DL(U)	1600.0

REVISED 2/11/98 GW

* DL = Detection Limit

RESULTS WHEN YOU WANT THEM

16476 WORK SHEET

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

WORK ORDER

SPECIALIZING IN ENVIRONMENTAL SOILS TESTS
NY # 11369 NJ # 73744 CA # 2055 SC # 91011

3 days 2/6

CUSTOMER: NWEC+G, Inc.
ADDRESS: 3553 Cittenden Rd.
CITY: Cittenden, NY 14038
STATE/ZIP:
PHONE: (716) 937-6527
FAX: 937-9360
CONTACT: R. Savage/G. Weber

PO NUMBER:
PROJECT NO:
PROJECT CUST:
PROJECT SITE: Fleet Bank/Newfane

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

SAMPLE DEMOGRAPHICS AND TESTS REQUIRED

8020 BTEX + MTBE	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)		CORROSIVITY
		FLASH POINT

LOOK

(DIESEL)
(GAS OR OIL)

SUSPECT : _____

SPECIAL INSTRUCTIONS: HOLD UNTIL YOU HEAR FROM GREG WEBSTER ABOUT DETECTION LIMITS

DATE	TIME	SAMPLE DESCRIPTION / LOCATION / MATRIX	LIST ANALYSIS REQUIRED: BENZENE
2/3/98		SVE Air Effluent	X

CHAIN OF CUSTODY RECORD

of SAMPLES 1 # of CONTAINERS 1
SAMPLED BY: Lonnie Hines
SIGNATURE:
NAME:
DATED: 2/3/98 TIME: 1:35
HOW SENT: ☐EXP MAIL ☐HAND CARRY
SIGNATURE 2:
NAME 2:
DATED 2: / / TIME: :
HOW SENT 2: ☐EXP MAIL ☐HAND CARRY

SAMPLES RECEIVED BY: MIKE SHEFFLIN
SIGNATURE:
NAME:
DATE: 2/3/98 TIME: 13:35
HOW RECD: ☐EXP MAIL ☑HAND CARRY
FREIGHT IN: $
LOGGED IN: 2/4/98 TIME: 8:15
SAMPLE COND: sealed SAMPLE TEMP: 34
LAB NOTES:

White-Lab, Yellow-Customer, Hard-Lab

RESULTS WHEN YOU WANT THEM

expwo20doc

Appendix E

Qualifications of Environmental Professionals

Carolyn Hare, EIT

Environmental Engineer 2

Biosketch

Ms. Carolyn S. Hare's environmental engineering experience has been focused on environmental permitting and compliance since joining ARCADIS six years ago. Projects and teamwork activities have focused around general permitting and compliance services, compliance management systems focused on environmental permitting compliance, and environmental site assessments in several states. Ms. Hare has had experience with permitting and compliance activities in several states, with a focus on New York, Pennsylvania, Florida, Louisiana, North Dakota, Ohio, and Maryland. Ms. Hare has also had experience in the development and maintenance of one-facility to multiple-facility compliance management and asset systems in Enviance, SAP, and ID|ea. Compliance system activities include environmental permit reviews (including stormwater pollution prevention plans, spill prevention and countermeasure plans, NPDES/SPDES wastewater discharge permits, Title V and minor air emissions permits, environmental resource permits, and permits related to strip mining activities), client tasks and workflow development and maintenance, and metadata reviews and implementations.

Education

B.S. Environmental Engineering, State University of New York at Buffalo, 2009

Licenses/Registrations/Certifications

DOT/IATA Hazardous Materials Shipping and Transportation Training since 2011
OSHA 40-Hour Hazardous Waste Operations and Emergency Response (HAZWOPER) since 2009
OSHA 10-Hour Construction Safety Training since 2008
First Aid CPR AED Trained since 2005
New York State Department of Labor Asbestos Project Air Sampling Technician 2007-2009
New York State Department of Labor Asbestos Safety Training Certificate 2007-2009

Project Experience

Environmental Assessments and Audits

Phase I ESA and Environmental Audits – Manufacturing Facilities
Completed two facility Phase I ESA reports, including the site visit and environmental audit site visit, for two manufacturing facilities located in Central Pennsylvania. The environmental assessments included a health and safety audit of current operations and activities at both facilities, and was responsible for technical support and recordkeeping of provided facility documentation.

Phase I Environmental Site Assessments – Industrial Facilities
Responsible for project portfolio set-ups, EDR ordering and invoicing, PARCEL platform set-up and reporting writing for 17 industrial manufacturing facilities. Tasks also included staff management and site coordination, along with additional research and communications with federal, state, and local agencies regarding the 17 facilities.

Phase I Environmental Site Assessments – Manufacturing Facilities
Responsible for project set-ups, EDR ordering and invoicing, PARCEL platform set-up and report writing for two manufacturing facilities in Western New York. Tasks also included additional research and communications with outside vendors for additional information regarding the two properties.

Phase I Environmental Assessments – Wind Energy and Utility Facilities
Completed several Phase I environmental site assessments of existing and future wind turbine farms in Maryland, Pennsylvania, Michigan and Texas. Activities include the write up of the Phase I report, coordinator of site visit activities, ordering and assessment of EDR reports, and conducted all landowner interviews adjacent to the properties.

Permitting and Compliance Services

Compliance Management and Engineering Services – Industrial Facility
Data entry, DMR compilations and general engineering services for the facility. Experience ranges from monthly DMR document submissions to Annual Compliance Certifications, TRI reporting, Tier II Reporting, Hazardous Waste reporting, and configuration and use of the facility's compliance management system (Enviance).

TSCA Chemical Data Reporting Services – Fertilizer Manufacturing Facilities
Completion of Chemical Data Reports (TSCA CDR) for nine fertilizer manufacturing facilities located in Florida, Louisiana, New Mexico, and Minnesota. Activities included management of and interpretation of incoming shipment, export, import, and manufacturing volumes of raw and finished products, interpretation and understanding of the TSCA CDR reporting requirements in regards to the client's manufacturing processes, and the compilation of the reports through the U.S. EPA electronic reporting platform for final submission.

Environmental Engineering Plan Services
Completion and submission of a large chemical manufacturer facility PPC Plan and NPDES Renewal Application, including the update and completion of the required SPCC plan requirements, secondary containment calculations and review of facility spill history logs. Additional roles included a 2-day site visit for storage containment areas and documentation review, updating the current plans, and corresponding with the client on needs and services.

6 NYCRR Part 360 Permit Application Renewal
Completion and submission of a 6 NYCRR Part 360 renewal application to the NYSDEC for a waste transfer facility in New York City, NY. Responsibilities included the renewal application update requests from the NYSDEC, coordination with the client on permit documents and time frames, and the re-submission of the required drawings and files.

Hazardous Waste Reporting
Provided permitting and reporting assistance to manufacturing facilities in meeting Hazardous Waste Reporting Requirements. Activities include preparation of TP-550 reports, Annual Hazardous Waste Status Report, Biennial Status Reports, Hazardous Waste Reduction Plans, and establishment of a compliance management system for environmental tracking, monitoring, record keeping, and reporting.

Compliance Management Systems

SAP Design and Implementation – Fertilizer Manufacturing Facilities
Permitting and licensure build-outs for several Florida , New Mexico, and Louisiana permit and license types, such as Drinking Water Licensures and related federal regulations, Dredge & Fill State, County, Army Corps of Engineers and Federal permitting. Also providing technical support for the client on SAP Fit Testing of their new environmental compliance system and conducting federal regulation research on Solid Waste, Radiation, Storage Tanks, and RCRA-driven facility requirements.

ID|ea Stormwater and Hazardous Waste Program Management – Bank Facilities
Conducting federal and state regulatory compliance research on Environmental Resource Permits (ERPs), NPDES permitting requirements and tasks, and general hazardous waste and universal waste compliance management and related activities. Activities include general oversight of the ID|ea Universal and Hazardous Waste program, data scrubbing based on regulatory waste and disposal requirements, and federal, state, and local stormwater permitting research, based on bank operations and needs.

Employment History

Environmental Engineer, ARCADIS of New York, Inc. 2009 to present
Project and Air Asbestos Technician, Stohl Environmental, LLC. 2007 to 2009.

Tom Colwell
Project Scientist/Geologist

Biosketch

Mr. Colwell has over twenty five years of professional of expanding responsibilities in project management; planning and implementing hydrogeologic investigations; planning, installing, and operating groundwater and soil remediation systems; performing phase I, II, and III facility audits; industrial hygiene; AHERA asbestos inspections; and asbestos abatement monitoring and oversight.

Twenty five years of experience in multiple disciplines within the environmental field and long term client relationships have allowed me to provide clients with sound investigative, strategic, and cost effective recommendations. I've been able to provide value added services to clients through effective project management, previous experiences, and practical knowledge for most field work activities, first hand knowledge of effective treatment technologies, practical experiences in regulatory interaction, and effective report writing to satisfy regulatory scrutiny.

Education

B.S. Geology, University of Northern Iowa, 1987

Licenses/Registrations/Certifications
AHERA Certified Asbestos Inspector since 1991
Colorado State Certified Asbestos Inspector
Montana State Certified Asbestos Inspector
Colorado State Certified Lead Inspector/Risk Assessor
NIOSH Certified Asbestos Fiber Counting certified in 1987
Hazardous Waste Site Supervisor since 1993

Project Experience

Facility Audits

Project Manager and Environmental Professional, Phase I and II Environmental Site Assessment, Black Hawk, Colorado
Managed and performed a Phase I ESA including the field inspection of a former wastewater treatment plant in Black Hawk, Colorado. Performed the Phase I ESA in compliance with ASTM 1527-05 and provided quick response report development. With the site located within a former mining area, the Phase I ESA identified the presence of potential recognized environmental conditions (RECs) at the property. Additionally, developed recommendations and developed a scope of work for a Phase II ESA to appropriately address the concerns identified on the property. Based on the findings of the Phase I ESA, a Phase II ESA was performed to address identified RECs on the property. Direct Push borings were identified and sampled for heavy metals, volatiles, as well as chemicals used at the former water treatment plant. The findings were presented to the client and utilized in their acquisition of the property.

Project Manager, Spill Prevention, Countermeasure, and Control (SPCC) Plan Updates, Cargill Grain Facilities, Two Nebraska Sites
Managed and performed site reconnaissance, interviews, and regulatory review to develop updated SPCC Plans for two Cargill Grain facilities in Lincoln and Ord, Nebraska. The updated plans were developed to satisfy new requirements of 40CFR Part 112. Coordinated the site findings with the Nebraska Professional Engineer to complete the documents. The Plans were submitted in draft versions for review by the facility and final plans were submitted to the facility by the required deadlines.

Field Manager, Phase I and II Environmental Site Assessments (ESA) and Asbestos Surveys of Multiple Sinclair Gas Stations, Colorado
Performed Phase I and II ESA of multiple Colorado Sinclair Stations to identify recognized environmental conditions (RECs) as well as identify if the existing UST systems had historically released petroleum into the subsurface. The Phase I ESA consisted of a site and area reconnaissance of the gas station property. Additionally, a file review at the Division of Oil and Public Safety (OPS) was performed to identify past releases, assessment results, remediation activities, and OPS correspondence for the sites. A Phase II ESA was performed at the site to identify petroleum impact surrounding the existing UST systems. Typically, 6 direct push borings were installed at each site surrounding the UST equipment. Borings were advanced to a depth of 20 feet below grade or groundwater, whichever came first. Soil cores were logged and screened to identify petroleum impact. Soil samples were collected from the borings and analyzed for petroleum constituents. Additionally, groundwater grab samples were collected from the borings and groundwater and analyzed for petroleum constituents. Soil and groundwater samples were delivered to a laboratory for analysis of selected constituents and a Phase II ESA report was developed detailing the findings. An asbestos survey of each Sinclair petroleum station was performed to identify suspect asbestos-containing material (ACM). The survey was performed followed by sampling of identified suspect materials. Based on laboratory analytical results, an asbestos survey report was developed detailing the findings and the estimated costs for abatement of identified ACM.

Field Manager, Phase II Environmental Site Assessments (ESA), Multiple Maintenance Garage Facilities, Colorado, New Mexico, and Wyoming
Managed performance of Phase II ESAs at multiple truck maintenance garages in three states. The Phase II ESAs consisted of installation of 7 -22 subsurface direct push technology (DPT) borings in areas of identified concern. Borings were advanced to a depth of 20 feet below grade or groundwater, whichever came first. Soil cores were logged and screened to identify solvent or petroleum impact. Soil samples were collected from the borings and analyzed for solvents and petroleum constituents. Additionally, groundwater grab samples were collected from the borings and groundwater and analyzed for solvents and petroleum constituents. Soil and groundwater samples were delivered to a laboratory for analysis of selected constituents and a Phase II ESA report was developed detailing the findings.

Project Manager, Commercial Facility Limited Asbestos and Lead-Based Paint (LBP) Inspection, Old School house, now utilized as office space, Denver, Colorado
Performed a facility inspection to identify pre-dominant suspect asbestos containing materials (ACM) and suspect lead-based paints (LBP) within the facility. Once the pre-dominant materials were identified, samples were collected for laboratory analysis of asbestos and LBP. After receiving laboratory analytical results, a report was developed detailing the finding of the inspection. The report also detailed quantities of the identified materials as well as estimated costs to abate those materials.

Project Manager, Spill Prevention, Countermeasure and Control (SPCC), Tier 2 Evaluations, and Noise Monitoring, Hewlett-Packard Facilities in Colorado and Utah.
Performed site and area reconnaissance to identify oil storage for development of SPCCs at multiple facilities. Identified and coordinated protective equipment for oil storage as well as fueling procedures, and emergency response actions. Performed Tier 2 evaluations and report development to assist HP environmental health and safety personnel in compliance with federal, state, and locate requirements. Performed noise monitoring of a manufacturing facility in Salt Lake City, Utah to quantify noise exposure to employees.

Project Manager, Phase I Environmental Site Assessments (ESA) at Residential Housing on the U.S. Air Force Academy, U.S. Air Force Academy, Colorado Springs, Colorado
Performed a site and area reconnaissance, regulatory research, and both facility and regulatory interviews to identify recognizable environmental conditions (RECs) for parcels of military family housing on the U.S. Air Force Academy (USAFA). Performed the assessment on a quick turnaround basis to meet deadlines established by the client. The reports were submitted on time and on budget.

Senior Scientist, Forest City Enterprises Stormwater Pollution Prevention Plan (SWPPP) for U.S. Air Force Academy Military Construction Project, U.S. Air Force Academy, Colorado Springs, Colorado
Developed a Stormwater Pollution Prevention Plan (SWPPP) for a military family housing demolition and new housing construction project at the USAFA. Coordinated with the construction manager to gather information necessary to develop the SWPPP. The plan included best management practices (BMPs), measures protective of stormwater measures, and detailed practices to also be protective of stormwater run-off, and endangered species.

Project Manager, Spill Prevention, Countermeasure and Control (SPCC) and Stormwater Management Plan (SWMP), Sundyne Corporation, Arvada, Colorado.
Performed a site reconnaissance and regulatory review to develop a SPCC and SWMP for Sundyne Manufacturing facility in Arvada, Colorado. The plans detailed precautions and emergency procedures in the event of a release. Additionally, the SWMP detailed best management practices (BMPs), methods, and controls for stormwater and compliance with the facilities general permit.

Project Manager, Performance of Multiple Phase I Environmental Site Assessments (ESA) at properties for prospective development as Retail Facilities, Multiple Locations, Front Range Area, Colorado
Managed the performance of a dozen Phase I ESAs of varying properties. Performed the Phase I ESAs in compliance with ASTM 1527-05 and provided a quick response report development. The Phase I ESAs identified the presence of potential recognized environmental conditions (REC) at the properties. When a REC was identified, potential remedies and estimated costs were developed for the REC.

Project Manager, Expedited Phase I and II Environmental Site Assessment, Major Retail Property Management Company, Omaha, Nebraska
On an expedited schedule, performed Phase I and II property inspection. The project was rushed by a proposed property transaction. Identified multiple LUST sites as potential environmental liabilities to the property. As part of the Phase II investigation, subsurface testing of soil and groundwater was performed to determine the condition of the property. Report documentation was developed for the client by the required deadline.

Industrial Hygiene

Project Manager, Asbestos Facility Inspections and Limited Lead Paint Surveys, Multiple Land Development Companies, Multiple Locations
Managed and performed multiple facility inspections for asbestos. The inspections entail suspect asbestos containing material identification, sampling strategy development, representative asbestos sampling, and survey report development and recommendations. The lead-paint surveys entail identification of predominant paint materials and sampling of those materials for the presence of lead.

Field Supervisor, Asbestos Abatement Air Monitoring Projects, Multiple Industrial and Public School Clients, Multiple Iowa cities
Managed asbestos abatement projects as the representative for the local school system. Duties included personnel and critical barrier containment air monitoring of asbestos abatement projects. Responsibilities included insuring enclosure integrity of containment, quality control inspections, reviewing methods to reduce potential fiber release, and insuring worker and public safety during abatement procedures. Once abatement was complete, final clearance sampling was performed utilizing aggressive methods to clear an enclosure, before it could be torn down. Also advised contractors of proper removal techniques. As a NIOSH 7800 certified fiber counter, performed preparation and analysis of collected air samples via the phase contrast microscopy point counting to determine fiber air concentrations.

Field Technician, AHERA School Building Asbestos Inspections and Audits, Multiple School Systems, Multiple Iowa locations
As an AHERA inspector, conducted primary AHERA School inspections to identify the presence or absence of asbestos in schools. Additionally, the condition and potential for damage to the identified asbestos-containing materials (ACM) were evaluated and documented as part of the asbestos survey report. The inspections were performed using a systematic “top to bottom” inspection to identify suspect ACM, developing a sampling strategy using random sampling methods, and collection of bulk samples using techniques to limit fiber release; as detailed in the AHERA requirements.

Publications

Colwell, Tom, E., February 1994. "Don't be in the Dark About Disposal Requirements for Fluorescent Light Fixtures," "SKYLINES," Journal of Building Office Managers Association (BOMA), Volume 19, Number 2, pp 12-13,28.

Employment History

Project Scientist, ARCADIS U.S., Inc. 2014 to present
Senior Project Geologist, AMEC, 1989-2014.
Industrial Hygienist, Asbestos Abatement Projects, Chart Services, Des Moines, Iowa 1987-1989.