ADDENDUM NUMBER 4
TO THE CONTRACT DOCUMENTS
FOR
REMEDIATION OF THE 34 FREEMAN'S BRIDGE ROAD SITE
SCHENECTADY COUNTY, NEW YORK
May 10, 2006

NYSDEC SITE NO. 4-47-028
CONTRACT NO. D005813

TO ALL HOLDERS OF THE CONTRACT DOCUMENTS:

Your attention is directed to the following changes and additions to the contract documents for the remediation of the 34 Freeman's Bridge Road Site. This addendum has been prepared in accordance with the provisions of the Contract Documents.

A. Section V, Bid Forms and Attachments

1. Replace the current bid form (addendum #3) with revised bid form (Attachment 4).

B. Section XI, Supplementary Specifications

1. Add Section 01057 (Attachment 1) truck scale to Section XI.

2. Section 13560 -16, LTTD continuous emissions monitoring table. Delete stack gas velocity testing from the parameters column.

C. Section XII, Measurement for Payment

1. Revise Item LS-1, Paragraph 1.1, (A) insert the following:

"17. The CONTRACTOR shall furnish all labor, tools, materials, equipment, appurtenances, and incidentals to provide a certified truck scale ready for use, for the purpose of determining the weight of material being taken off site for disposal."

2. Revise Item UP-1, Paragraph 5.1, (B) insert the following:

"13. Operation, repair, and maintenance of the scale for the duration of the work specified under this Project. Contractor shall employ a trained weighmaster familiar with the scale provided."

3. Revise Item UP-5 accordingly:

" BID ITEMS UP-5 through UP-5C - OFF-SITE DISPOSAL OF METALS-CONTAINING SOILS AND CONTAMINATED DEBRIS UNACCEPTABLE FOR BACKFILL

9.1 General

A. Bid Items UP-5 through UP-5C shall provide a unit price for each ton of soil and debris managed and disposed of that is unacceptable for backfill due to being RCRA and/or TSCA-regulated. Under this item, the CONTRACTOR shall furnish all labor, materials and equipment to screen, manage (i.e., chip wood, clean and crush concrete), characterize to meet disposal facility's requirements, and dispose of debris which is encountered as approved by the ENGINEER. Payment for building demolition debris, excluding building foundations shall be paid under LS-2

B. Cells designated on the Drawings (3-7) with metals concentrations exceeding site-specific cleanup goals for chromium, mercury, and lead shall be segregated, staged, and characterized for off-site disposal. The Contractor shall provide all materials, equipment, and labor necessary to stage, characterize, transport, and dispose of soils to meet TSDF requirements and pretreatment as necessary.

C. The CONTRACTOR shall provide certified weigh tickets for both pre-loaded and post-loaded trucks.

9.2 Measurement for Payment

A. Measurement for payment of Bid Items UP-5 through 5C shall be for the actual quantity (tons) of soil or debris which is properly managed and disposed as indicated by the ENGINEER's records. Payment shall be made per ton of material for this item."

4. Revise Item UP-4 and 4A, 8.2 and 8.4 (Addendum 3) accordingly**:**

"8.2 Measurement for Payment

A. Measurement for payment of Bid Item UP-4 shall be for the amount of

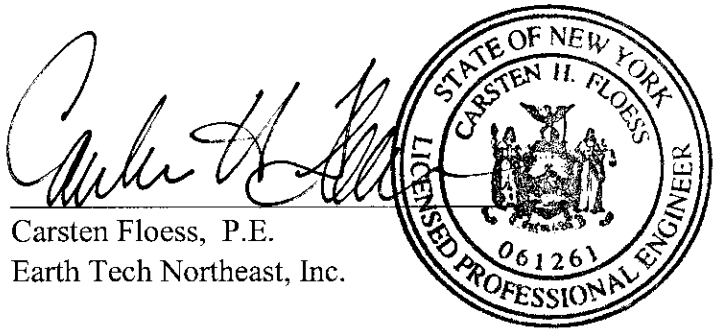
soil (cubic yards) acceptably treated, stockpiled, and sampled, based on in-place surveys **in accordance with Specification 01051, Part 3.01 (A)** performed by a NYS licensed land survey and approved by the ENGINEER. The Contractor shall ensure that clean overburden soils be segregated from treated materials in the backfilled excavation to the extent that the actual quantity of treatment materials may be determined."

8.4 Measurement for Payment

A. Measurement for payment of Bid Item UP-4A shall be for the amount of soil (cubic yards) acceptably treated, stockpiled, and sampled, based on in-place surveys **in accordance with Specification 01051, Part 3.01 (A)** performed by a NYS licensed land survey and approved by the ENGINEER. The Contractor shall ensure that clean overburden soils be segregated from treated materials in the backfilled excavation to the extent that the actual quantity of treatment materials may be determined."

Attachments:

1- Section XI, Specification 01057
2 - Supplemental Contractor Questions and Answers
3 - Moisture Content Data and Test Pit Logs
4- Section V- Revised Bid Form



Carsten Floess, P.E.
Earth Tech Northeast, Inc.

ATTACHMENT 1
Section XI, Specification 01057

SECTION 01057
TRUCK SCALE

1. GENERAL

1.1 SCOPE OF WORK

A.. The **CONTRACTOR** shall furnish all labor, tools, materials, equipment, appurtenances, and incidentals to provide a certified truck scale ready for use, for the purpose of determining the weight of material being taken off site for disposal.

B. The work shall include, but is not necessarily limited to the following:

1. Protection of work to remain.
2. Delivery and set-up of scale, including weight indicator and ticket printer.
3. Certification of scale by County Bureau of Weights and Measures.
4. Employing a trained weighmaster familiar with the scale provided.
5. Repair and maintenance of the scale for the duration of the work specified under this Project.
6. Providing proper foundations and ramps for the scale in accordance with the manufacturer's recommendations and County Bureau of Weights and Measures.
7. Removal of scale, foundations, and ramps once the **ENGINEER** determines that the exclusion zone has been remediated.

1.2 SUBMITTALS

A. The **CONTRACTOR** shall submit shop drawings for the scale, weight indicator, ticket printer, foundations and approaches, and proposed location (shown on **CONTRACTOR's** proposed Operations Plan).

1.3 RELATED SECTIONS

A. Related sections include:

1. Section 01050, Temporary Facilities.
2. Section 02230, Transportation and Disposal.

2. PRODUCTS

2.1 MATERIALS AND EQUIPMENT

A. Truck Scale

1. The truck scale shall be 10 feet wide, 60 feet long and have a minimum gross capacity of 60 tons. If the **CONTRACTOR** proposes operations requiring a greater capacity scale, the scale provided shall be capable of accurately measuring the weights proposed by the **CONTRACTOR**.

2. The foundation required for the scale shall not be extensive.

3. Level approaches at both ends of the scale shall be 10 feet long at a minimum.

4. The truck scale shall be compatible with digital electronic instrumentation.

5. The truck scale shall be aboveground truck scale model number 14-8460-1 as manufactured by Fairbanks Scales of St. Johnsbury, Vermont or equal.

B. Weight Indicator

1. The weight indicator shall be of the same manufacturer as the truck scale and shall be fully compatible with the scale and ticket printer.

2. The weight indicator shall be digital and shall have a simple "re-zeroing" operation or push button.

3. The weight indicator shall have a digital display.

4. The weight indicator shall be Digital Weight Indicator, model number 90-166 as manufactured by Fairbanks Scales of St. Johnsbury, Vermont or equal.

C. Ticket Printer

1. The ticket printer shall be of the same manufacturer as the truck scale and shall be fully compatible with the scale and weight indicator.

2. The ticket printer shall be Ticket Printer model 50-3925, as manufactured by Fairbanks Scale of St. Johnsbury, Vermont, or equal.

3. EXECUTION

A. The **CONTRACTOR** shall deliver, install, certify, and have the truck scale and appurtenances in proper working order prior to removing materials for disposal from the site.

B. The weight indicator and ticket printer shall be protected from weather and vandalism by being placed either in a suitable scale house or an office trailer.

C. No weights will be accepted or paid for unless the **ENGINEER** witnesses the weighing and receives the associated weight ticket.

D. The scale shall be located in an uncontaminated area. The **CONTRACTOR** may propose a location different from that shown on the Plans; however, the **ENGINEER** must approve of any location other than that shown on the Plans.

*** END OF SECTION ***

ATTACHMENT 2
Supplemental Contractor Questions and Answers

Addendum 4
May 10 , 2006
34 Freeman's Bridge Road site
Glenville, New York

NYSDEC Site No. 4-47-028

Questions and Answers

1. Q: Item UP-5 calls for disposal of a significant quantity of soil and debris. Waste disposal costs for debris and soil can vary widely depending upon the waste stream (i.e., RCRA debris, TSCA debris, and non-RCRA/non-TSCA debris). Can item UP-5 be broken out to provide unit price bidding for each of the respective waste streams in order to covers all possible disposal cost scenarios?

   A: Section 5, Bid Form has been revised to add Items UP-5 A through 5C. Contractors shall provide unit pricing for the respective debris waste streams . If debris is categorized as both TSCA/RCRA then a change order will be processed for off-site disposal. The line item for metals-contaminated soils shall remain UP-5. We anticipate the metals containing soils failing TCLP. If characterization samples described in this addendum do not fail TCLP, then a change order will be processed for off-site disposal as non-hazardous waste soil.

2. Q: It is expected that thermal treatment of soils and removal of debris from the waste matrix will reduces volume of soils available for re-use as backfill. Since there is not unit price for imported backfill, is the topsoil volume expected to balance the deficit for on-site fill for restoration to original grade?

   A: The contractor is not expected to provide imported backfill as part of this contract. The contractor will be required to submit a final grading plan based on the final volume of treated soils. The minimum requirements of the final grading plan are to provide for positive drainage and adequate erosion control. To the extent possible, the topsoil will balance the volume deficit due to removal of debris and reduction of soil volume through treatment.

3. Q: Site security is required seven days a week 24 hours per day. Can the contractor provide their own security during working hours? Please confirm if and when a hired security guard should be provided.

   A: Site security shall be maintained 24 hours, 7 days per week. The Contractor may provide their own security personnel provided they meet all the requirements of Section 01050, Paragraph 1.08.

4. Q. Section XI, Specification 13560-3, item no. 4. Explain heavily impacted with NAPL. The analytical results do not seem to agree with "heavily impacted".

A: Refer to the RI report for an in depth description of on NAPL. Some of the site soils are heavily impacted by NAPL relative to areas that are non-impacted.

5. Q: Section XI, Specification 13560-12 (C) How will the contractor be compensated for unforeseen delays or other scenarios out of the contractors control?

A: Unforseen delays will be evaluated on a case by case basis and in accordance with the terms of your contract.

7. Q: LTTD pad detail is not included. Drawing number 2 references number 8. No drawing 8 is in the index to drawings. Will the pad need to be constructed of concrete?

A: The contractor shall submit a as part of the Construction Work Plan and in accordance with Section VIII, Articles 5.23 to 5.29, the details for the LTTD staging pad. The minimum requirements for a LTTD process pads are shown in the detail on Drawing No. 7. The Contractor shall select process pad detail that complements the manufacturer's or subcontractor's recommendation for the specific LTTD equipment proposed for completion of the work. .

8. Q: Section XI, Specification13560-16. Why is stack velocity a continuous emissions monitoring parameter?

A: Stack gas velocity will not be required during continuous emissions monitoring.

9. Q: What are the decontamination requirements of the LTTD plant, specifically will the baghouse bags need to be disposed of assuming the baghouse is only exposed to soils with contaminate levels below the project treatment goals?

A: No. The baghouse bags will not require disposal.

11. Q: What is the anticipated schedule/timing of the notice to proceed following notification of apparent low bidder assuming all submittals are timely and acceptable?

A: The Notice to Proceed should be expected 60 - 90 days from bid opening depending on the timeliness and quality of the contractor's submittals.

12. Q: Is there existing moisture content data for the soils to be treated, this information could not be found in the RI report, as indicated in Addendum No. 3 ?

A: A summary of moisture content data and respective environmental conditions is attached (Attachment 3) to this addendum. Attachment 3 is **NOT** part of the Contract Documents for the remedial work at the 34 Freeman's Bridge Road Site. The Department neither represents that the Site conditions will be the same as in the attached document nor considers the attached documents as being comprehensive and an actual description of the site conditions. The Contractor shall be responsible for performing the remediation work based on the existing conditions at the Site.

The bulk density data associated with the moisture content, (as reported in Addendum # 3), is not available. This was a misunderstanding, as it was thought this was completed along with moisture content analysis during the RI. Pocket penetrometer testing of select soils (i.e., deep structural borings) is provided in the Limited Site Data Package.

The Contractor has the option to collect additional bulk density data at their own cost and risk NYSDEC will require the Contractor to submit a concise letter work plan which addresses proposed scope, location(s) of test pits, anticipated sampling activity, basic air monitoring (i.e. PID), evidence of insurance, decontamination procedures and site restoration. All proposed work will be reviewed and approved through NYSDEC and site work will be coordinated with Earth Tech oversight.

13. Q: Will the Department accept an alternate bid using an "in-situ" LTTD system that can achieve temperatures of 800 ° F.

A: NYSDEC will not evaluate any substitutions prior to award of the contract per Section III, Article 7, page III-5. However, the contractor reserves the right to propose a substitution under Section VIII, article 5.7 (Page VIII-15) after bid award. However, there is no guarantee that NYSDEC will approve the substitution, in which case the Contractor would be required to complete the job as ex-situ at the given bid price.

14. Q: Clarify if all excavation should be performed in the dry.

A: Yes excavations should be performed in the dry. The contractor shall submit a dewatering plan as part of the Construction Work Plan and in accordance with h Section VIII, Articles 5.23 to 5.29. The minimum requirements for the dewatering plan are stated in Section 02240, paragraph 1.04 (D). The Contractor shall select a method of dewatering that complements the Contractor's plan for site containment and excavation in the interest of optimizing the moisture content of the LTTD feed soil to the extent possible

15. Q: In order to achieve substantial completion, does the contractor have to complete decontamination and demobilization of all his equipment, staging areas and pads?

A: No. The demobilization and proper disposition of all equipment, support structures, including any residual contamination is the responsibility of the contractor and can be performed as punchlist work. The Department will keep sufficient retainage to cover the cost of this work.

ATTACHMENT 3
Moisture Content Summary and Test Pit Logs

Freeman's Bridge Soil Moisture Content			
Test Pit	Depth	% Moisture	Date
TP 26	2-4	30	September 20, 2000
TP 27	2-4	11	September 20, 2000
TP 27	4-6	25	September 20, 2000
TP 26	2-4	30	September 20, 2000
TP 09	2-4	13	September 20, 2000
TP 09	4-6	13	September 20, 2000
TP 17	2-4	18	September 21, 2000
TP 17	4-6	19	September 21, 2000
TP 19	0-2	9	September 21, 2000
TP 19	4-6	21	September 21, 2000
TP 21	0-2	8	September 20, 2000
TP 21	2-4	15	September 20, 2000
TP 24	2-4	13	September 20, 2000
TP 24	4-6	14	September 20, 2000
TP 25	0-2	15	September 20, 2000
TP 25	2-4	18	September 20, 2000
TP 26	0-2	6	September 20, 2000
MW 20	4-6	26	November 1,2000
MW 19	6-8	25	November 1,2000
TP 5	6-8	17	September 14, 2000
TP 1	4-6	27	September 14, 2000
TP 1	6-8	37	September 14, 2000
TP 3	6-8	13	September 14, 2000
TP 3	4-6	12	September 14, 2000
TP 4	2-4	11	September 14, 2000
TP 4	6-8	23	September 14, 2000
TP 18	0-2	12	September 14, 2000
TP 18	2-4	19	September 14, 2000
TP 23	2-4	12	September 14, 2000
TP 23	4-6	18	September 14, 2000
TP 14	2-4	17	September 14, 2000

34 Freeman's Bridge Road Site, Soil Moisture Content Data

Test Pit	Depth	% Moisture
TP 9	2-4	13
TP 9	4-6	13
TP 1	4-6	27
TP 1	6-8	37
TP 14	2-4	17
TP 17	2-4	18
TP 17	4-6	19
TP 18	0-2	12
TP 18	2-4	19
TP 19	0-2	9
TP 19	4-6	21
TP 21	0-2	8
TP 21	2-4	15
TP 23	2-4	12
TP 23	4-6	18
TP 24	2-4	13
TP 24	4-6	14
TP 25	0-2	15
TP 25	2-4	18
TP 26	2-4	30
TP 26	0-2	6
TP 27	2-4	11
TP 27	4-6	25
TP 3	6-8	13
TP 3	4-6	12
TP 4	2-4	11
TP 4	6-8	23
	Average:	**16.63**

Test Pit	% Ave Moisture in Pit
TP 9	13.00
TP 1	32.00
TP 14	17.00
TP 17	18.50
TP 18	15.50
TP 19	15.00
TP 21	11.50
TP 23	15.00
TP 24	13.50
TP 25	16.50
TP 26	18.00
TP 27	18.00
TP 3	12.50
TP 4	17.00
Average:	**16.64**

Depth Interval	Average % Moisture with in Interval
0-2	10
2-4	17
4-6	19
6-8	23
Average	**17**

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12 METRO PARK ROAD
ALBANY, NEW YORK 12205

TEST PIT LOG

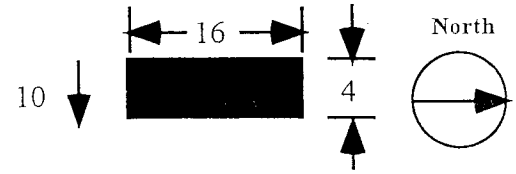
TEST PIT NO.: **TP01**

PROJECT #:	38925	START: DATE 9/11/00	TIME: 0830
PROJECT:	Freeman's Bridge Road Property	FINISH: DATE 9/11/00	TIME: 0945
CLIENT:	NYSDEC	GRADE ELEVATION:	
CONTRACTOR:	Precison Industrial Maintenance	DATUM:	Grade: USGS NAV 88
OPERATOR:	Ron Burns	WATER TABLE:	9 ft below grade
EQUIPMENT:	CAT 446B Backhoe	INSPECTOR:	Kevin McGrath

DEPTH (ft bg)	PID (ppm)	SAMPLE ID	SOIL DESCRIPTION	REMARKS
1	ND	TP01 (0-2)	Topsoil & Roots. 0.25'	
2			Loose, dry to moist, dark brown, poorly sorted, coarse to fine SAND, little(-) Silt; abundant c&d: mostly brick, broken beams, and wood planks, occasional steel cross braces, carpet remnants, electrical conduits, wire, pipes, and sheet rock, plaster board, and air plenums	Appears to be a buried building
3	ND	TP01 (2-4)		
4				
5	ND	TP01 (4-6)	do: mostly bricks	Industrial size wet cell battery found at ~5ft bg.
6				
7	ND	TP01 (6-8)		
8				Sheen on WT, slight odor below WT.
9	9	TP01 (8-10)	do:mostly wood	▼ WT ~ 9'
			~9.5	Sharp contact
10			Soft to somewhat soft , wet, black $, t(+) f S.	
			End Pit @ 10.0 dbg	

Notes:

Native soil beneath fill consisits of a Clayey-SILT with pockets of stiff, gray clay, somewhat varved appearence. Occasional pockets meidum sand.



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12 METRO PARK ROAD
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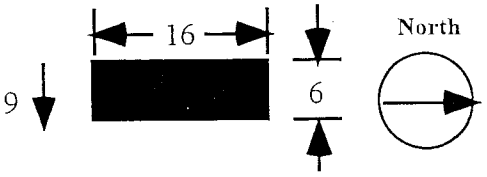
TEST PIT LOG

TEST PIT NO.: TP03

PROJECT #:	38925	START: DATE 9/11/00	TIME: 1430
PROJECT:	Freeman's Bridge Road Property	FINISH: DATE 9/11/00	TIME: 1600
CLIENT:	NYSDEC	GRADE ELEVATION:	
CONTRACTOR:	Precison Industrial Maintenance	DATUM:	Grade: USGS Nav83
OPERATOR:	Ron Burns	WATER TABLE:	8.0' below grade
EQUIPMENT:	CAT 446B Backhoe	INSPECTOR:	Kevin McGrath

DEPTH (ft bg)	PID (ppm)	SAMPLE ID	SOIL DESCRIPTION	REMARKS
1	ND	TP03 (0-2)	Topsoil and roots 0.25 Loose, dry, reddish-brown, poorly sorted, coarse medium(+) fine SAND, little (-) Silt; occasional coarse gravel and cobbles, bits of broken brick and crushed asphalt.	
2				
3	ND	TP03 (2-4)		
4			4.0	Sharp color change at 4.0'
5	ND	TP03 (4-6)	Loose to medium dense, moist to wet, very dark brown and gray, poorly sorted, coarse to fine SAND, with Silt and Gravel; abundant c&d material including: concrete, rebar, pipes, wiring, cinder block, asphalt, and glass. Several very large blocks of concrete discovered.	Removed an 8' long, hollow torpedoe-shapped cast iron cylinder
6				
7	ND	TP03 (6-8)		Blackish liquid, strong odors and heavy sheen at WT
8				▼ WT 8'
9	16	TP03 (8-9)	8" layer of wood chips and plant fibers	
10			End Test Pit @ 9.0 ft	

Notes:
Test Pit discontinued at 9.0 feet below grade due to presence of potential free-phase product. Soils at WT had a very greasy-oily feel and left a visible sheen on inspector's protective gloves.



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12 METRO PARK ROAD
ALBANY, NEW YORK 12205

TEST PIT LOG

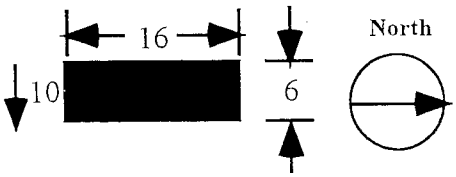
TEST PIT NO.: TP04

PROJECT #:	38925	START: DATE 9/12/00	TIME: 0815
PROJECT:	Freeman's Bridge Road Property	FINISH: DATE 9/12/00	TIME: 0840
CLIENT:	NYSDEC	GRADE ELEVATION:	
CONTRACTOR:	Precison Industrial Maintenance	DATUM:	Grade: USGS NAV 88
OPERATOR:	Ron Burns	WATER TABLE:	9.0' below grade
EQUIPMENT:	CAT 446B Backhoe	INSPECTOR:	Kevin McGrath

DEPTH (ft bg)	PID (ppm)	SAMPLE ID	SOIL DESCRIPTION	REMARKS
1	ND	TP04(0-0.5) TP04 (0-2)	Loose, moist, light brown, poorly sorted, coarse medium fine(+) SAND, little(-) fine Gravel. 2.0	
2 3	ND	TP04 (2-4)	Loose, moist to dry, dark brown, sorted, coarse-medium SAND, with coarse-fine Gravel and Silt; abundant c&d including: brick, block, metal, pipes, and concrete. 4.0	
4 5	ND	TP04 (4-6)	Medium dense, dry to wet, blackish and dark reddish-brown coarse(+) medium SAND, with coarse Gravel; abundant c&d	
6 7	ND	TP04 (6-8)		
8 9	ND	TP04 (8-10)		▼ WT 9'
			9.5	
10			Stiff, wet, Sitly-CLAY	
			End Test Pit@10.0	

Notes:

Photo 12&13



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12 METRO PARK ROAD
ALBANY, NEW YORK 12205

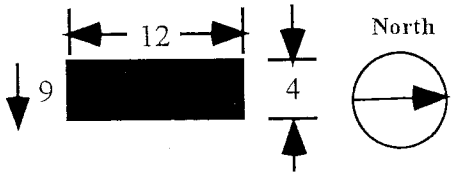
TEST PIT LOG

TEST PIT NO.: TP09

PROJECT #:	38925	START: DATE 9/18/00	TIME: 1050
PROJECT:	Freeman's Bridge Road Property	FINISH: DATE 9/18/00	TIME: 1120
CLIENT:	NYSDEC	GRADE ELEVATION:	
CONTRACTOR:	Precison Industrial Maintenance	DATUM:	Grade: USGS NAV 88
OPERATOR:	Ron Burns	WATER TABLE:	6.0' below grade
EQUIPMENT:	CAT 446B Backhoe	INSPECTOR:	Kevin McGrath

DEPTH (ft bg)	PID (ppm)	SAMPLE ID	SOIL DESCRIPTION	REMARKS
1	ND	TP09 (0-2)	Topsoil and roots 0.25 Loose, moist, brown, coarse meduim(+) fine SAND, little(-) fine Gravel, trace(+) Silt.	
2			2.5	
3	ND	TP09 (2-4)	Loose, moist to wet, dark red-brown, coarse medium(+) fine SAND, little(-) Silt and fine Gravel; abundant c&d, mostly brick with cinder block and asphalt. Occasional bnits of concrete and metal objects.	
4				
5	ND	TP09 (4-6)		▼ 6.0'
6				
7				
8			8.5	
9			Somewaht stiff, gray and light-brown SILT, and fine Sand	
10			End Test Pits@9.0	

Notes:



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12 METRO PARK ROAD
ALBANY, NEW YORK 12205

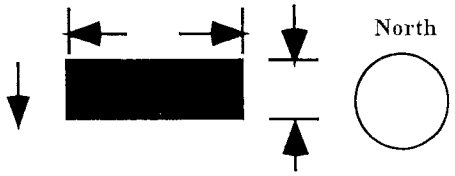
TEST PIT LOG

TEST PIT NO.: TP14

PROJECT #:	38925	START: DATE 9/13/00	TIME: 1000
PROJECT:	Freeman's Bridge Road Property	FINISH: DATE 9/13/00	TIME: 1030
CLIENT:	NYSDEC	GRADE ELEVATION:	
CONTRACTOR:	Precison Industrial Maintenance	DATUM: USGS	
OPERATOR:	Ron Burns	WATER TABLE: 5.0	
EQUIPMENT:	CAT 446B Backhoe	INSPECTOR: Kevin McGrath	

DEPTH (ft bg)	PID (ppm)	SAMPLE ID	SOIL DESCRIPTION	REMARKS
1	ND	TP14 (0-2)	Topsoil 2".	
2			Loose, wet, C mf S, l(+) C f G; t(+) $, abd C+d, mostly brick, some metal scraps, wall board, styrofoam. (FILL)	Water entering excavation at ~ 4..5
3	ND	TP14 (2-4)		
4				Black oily blobs on water. Heavy sheen. ▽ 5.0
5	ND		5.5	Strong odor.
6			SS S, w gr br $, l(+) mf S, mottled pockets and lenses of Sand. (Native) 6.0	
7				
8				
9				
10				

Notes:



EARTH TECH

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12 METRO PARK ROAD
ALBANY, NEW YORK 12205

TEST PIT LOG

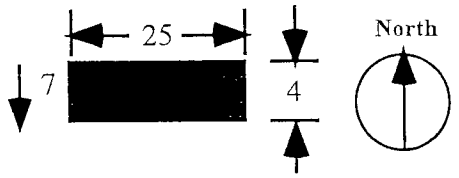
TEST PIT NO.: TP17

PROJECT #:	38925	START: DATE 9/18/00	TIME: 1430
PROJECT:	Freeman's Bridge Road Property	FINISH: DATE 9/18/00	TIME: 1520
CLIENT:	NYSDEC	GRADE ELEVATION:	
CONTRACTOR:	Precison Industrial Maintenance	DATUM:	Grade: USGS NAV 88
OPERATOR:	Ron Burns	WATER TABLE:	6.0
EQUIPMENT:	CAT 446B Backhoe	INSPECTOR:	Kevin McGrath

DEPTH (ft bg)	PID (ppm)	SAMPLE ID	SOIL DESCRIPTION	REMARKS
1	211	TP07 (0-2)	Topsoil and roots 0.25	Removed six drums and approximately 10 yards of soil. Drums appear full to partially full of a black "enamel-paint" like substance. Collected sample of product. PID wand inserted in opening in drum, 3280 ppm
2			Loose, moist, black and dark red-brown, coarse medium(+) fine SAND, little (-) Silt and fine Gravel; abundant c&d, mostly bits of brick.	
3	246	TP07 (2-4)		
4			4.5	
5	128	TP07 (4-6)	Stiff, moist to wet, gray and light brown, SILT, with fine Sand; somewhat mottled.	▼ 6.0
6			7.0	
7				
8				
9				
10				

Notes:

6 drums removed. 3 drums full and intact, 3 drums partially full and leaking. Drums placed in overpacks



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12 METRO PARK ROAD
ALBANY, NEW YORK 12205

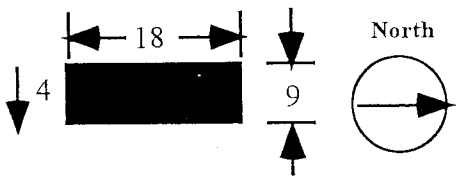
TEST PIT LOG

TEST PIT NO.: **TP18**

PROJECT #:	38925	START: DATE 9/13/00	TIME: 0800
PROJECT:	Freeman's Bridge Road Property	FINISH: DATE 9/13/00	TIME: 0920
CLIENT:	NYSDEC	GRADE ELEVATION:	
CONTRACTOR:	Precison Industrial Maintenance	DATUM:	Grade: USGS NAV 88
OPERATOR:	Ron Burns	WATER TABLE:	3.0' below grade
EQUIPMENT:	CAT 446B Backhoe	INSPECTOR:	Kevin McGrath

DEPTH (ft bg)	PID (ppm)	SAMPLE ID	SOIL DESCRIPTION	REMARKS
1	16	TP18(0-0.5)	Very loose, wet, coarse medium SAND, and Gravel: abundant c&d, mostly brick and wood. Black stained soils from 2.5 to 4.0.	Strong odor.
2	228	TP18 (0-2)		Blackish LNAPL at 2.5' to WT.
3	226	TP18 (2-4) Dup1		▼ 3.0
4	218		4.0	Heavy sheen at WT. Blebs of free product observed on water acuumulated in open pit.
5			End Pit @ 4.0	
6				
7				
8				
9				
10				

Notes:



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12 METRO PARK ROAD
ALBANY, NEW YORK 12205

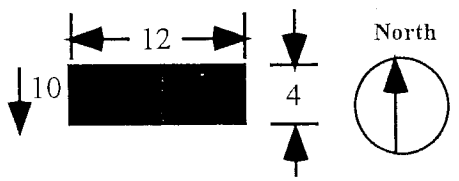
TEST PIT LOG

TEST PIT NO.: TP19

PROJECT #:	38925	START: DATE 9/19/00	TIME: 0800
PROJECT:	Freeman's Bridge Road Property	FINISH: DATE 9/19/00	TIME: 1130
CLIENT:	NYSDEC	GRADE ELEVATION:	
CONTRACTOR:	Precison Industrial Maintenance	DATUM:	Grade: USGS NAV 88
OPERATOR:	Ron Burns	WATER TABLE:	5.5' below grade
EQUIPMENT:	CAT 446B Backhoe	INSPECTOR:	Kevin McGrath

DEPTH (ft bg)	PID (ppm)	SAMPLE ID	SOIL DESCRIPTION	REMARKS
1	ND	TP19 (0-2)	Loose, moist, dark red-brown, coarse(+) medium fine SAND, with coarse fine Gravel. 1.5	
2				
3	ND	TP19 (2-4)	Medium dense, dry, black coarse (+) medium fine SAND and fine Gravel; abundant c&d, mostly brick and block 3.5	
4				
5	ND	TP19 (4-6)	Stiff, moist, gray Clayey-Silt, trace(+) fine Sand. Very fine laminae of fine sands and clay. 5.5	▼ ~ 5.5
6				
7	ND		Stiff, wet, gray and brown SILT; somewhat mottled with lenses and pockets of clay and fine Sand	
8				
9	ND			
10			End Test Pit @ 10.0	

Notes:



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12 METRO PARK ROAD
ALBANY, NEW YORK 12205

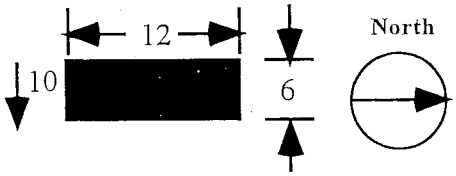
TEST PIT LOG

TEST PIT NO.: **TP21**

PROJECT #:	38925	START: DATE 9/19/00	TIME: 1310
PROJECT:	Freeman's Bridge Road Property	FINISH: DATE 9/20/00	TIME: 1100
CLIENT:	NYSDEC	GRADE ELEVATION:	
CONTRACTOR:	Precison Industrial Maintenance	DATUM:	Grade: USGS NAV 88
OPERATOR:	Ron Burns	WATER TABLE:	3.0' below grade
EQUIPMENT:	CAT 446B Backhoe	INSPECTOR:	Kevin McGrath

DEPTH (ft bg)	PID (ppm)	SAMPLE ID	SOIL DESCRIPTION	REMARKS
1	10.4	TP21 (0-2)	Hard packed gravel over asphalt. 0.75 Loose, moist to wet, black, coarse(+) medium fine SAND, and fine Gravel.	
2				
3	28.6	TP21 (2-4)	3.5	▼ 3.0 Free phase product observed entering pit from two locations. Product streams were black.
4			Loose, wet, black, well sorted, coarse SAND, and Gravel; abundant c&d, mostly broken brick with piping, metal bits, broken glass, concrete chips, drum lids, bung caps, rubber seals.	
5	ND			Removed approximately 25 yards of heavily stained soils and staged for off-site disposal.
6			6.5	
7			Stiff, wet, gray and brown SILT; somewhat mottled with lenses and pockets of clay and fine Sand	
8				
9				
10			End Test Pit @ 10.0	

Notes:
Installed culvert well CW2 in excavation. backfilled with pea stone.



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12 METRO PARK ROAD
ALBANY, NEW YORK 12205

TEST PIT LOG

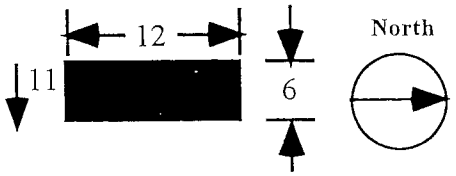
TEST PIT NO.: **TP23**

PROJECT #:	38925	START: DATE 9/11/00	TIME: 1315
PROJECT:	Freeman's Bridge Road Property	FINISH: DATE 9/11/00	TIME: 1400
CLIENT:	NYSDEC	GRADE ELEVATION:	
CONTRACTOR:	Precison Industrial Maintenance	DATUM:	Grade: USGS NAV 88
OPERATOR:	Ron Burns	WATER TABLE:	5.5' below grade
EQUIPMENT:	CAT 446B Backhoe	INSPECTOR:	Kevin McGrath

DEPTH (ft bg)	PID (ppm)	SAMPLE ID	SOIL DESCRIPTION	REMARKS
1	ND		Topsoil and roots 0.25 Loose, dry, light brown, poorly sorted, coarse medium fine SAND, little(-) Silt; occasional c&d, mostly building stone. 2.0	
2	ND		Trash and debris. Abundant plastic bags, broken glass, cans, bottles, paper, metal, stones, bricks, and block.	
3	ND			
4	ND			
5	ND			▼ 5.5
6	1.9		Somewaht stiff, wet, gray and brown SILT, little(-) fine Sand. Mottled with pockets and lenses of orange-brown fine sand, and gray clay.	
7	1.9			
8	121			
9	121			
10	121			

End Pit @ 11.0

Notes:



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12 METRO PARK ROAD
ALBANY, NEW YORK 12205

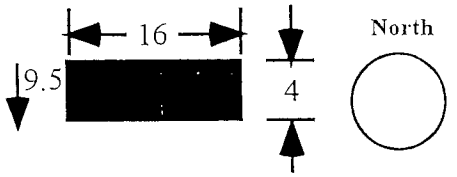
TEST PIT LOG

TEST PIT NO.: **TP24**

PROJECT #:	38925	START: DATE 9/18/00	TIME: 0800
PROJECT:	Freeman's Bridge Road Property	FINISH: DATE 9/18/00	TIME: 0900
CLIENT:	NYSDEC	GRADE ELEVATION:	
CONTRACTOR:	Precison Industrial Maintenance	DATUM:	Grade: USGS NAV 88
OPERATOR:	Ron Burns	WATER TABLE:	7.5' below grade
EQUIPMENT:	CAT 446B Backhoe	INSPECTOR:	Kevin McGrath

DEPTH (ft bg)	PID (ppm)	SAMPLE ID	SOIL DESCRIPTION	REMARKS
1	ND	TP24 (0-2)	Topsoil and roots 0.25 Loose, dry, light brown, poorly sorted, coarse medium fine SAND, little(-) Silt, trace fine Gravel.	
2				
3	ND	TP24 (2-4)	3.0 Medium dense, moist to wet, gray-black, coarse medium SAND, and fine Gravel; occasional c&d, bricks and asphalt.	
4				
5	ND	TP24 (4-6)	huge rebarred concrete slab, 8" thick	
6				
7				▼ 7.5 slight odor below water table
8			8.5	
9			Somewhat stiff, gray and brown SILT, and fine Sand	
10			End Pit @ 9.5	

Notes:



EARTH TECH

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TEST PIT LOG

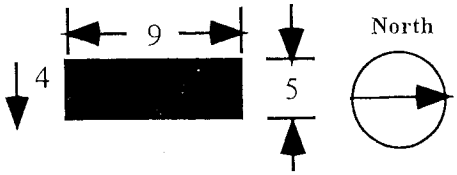
TEST PIT NO.: TP25

12 METRO PARK ROAD
ALBANY, NEW YORK 12205

PROJECT #:	38925	START: DATE 9/20/00	TIME: 1100
PROJECT:	Freeman's Bridge Road Property	FINISH: DATE 9/20/00	TIME: 1300
CLIENT:	NYSDEC	GRADE ELEVATION:	
CONTRACTOR:	Precison Industrial Maintenance	DATUM:	Grade: USGS NAV 88
OPERATOR:	Ron Burns	WATER TABLE:	3.2' below grade
EQUIPMENT:	CAT 446B Backhoe	INSPECTOR:	Kevin McGrath

DEPTH (ft bg)	PID (ppm)	SAMPLE ID	SOIL DESCRIPTION	REMARKS
0			Asphalt and base 0.5	
1		TP25 (0-2)	Very loose, dry, light brown, sorted, coarse medium (+) SAND, trace(+) Silt; pockets and lenses of fine Sand., occasional c&d.	
2				
3		TP25 (2-4)	3.0 Loose, wet, orange-brown, well sorted fine SAND.	▼ 3.2
4			End Pit @ 4.0	
5				
6				
7				
8				
9				
10				

Notes:
Pit advanced to look for UST discovered beneath floor of building. Soils appear to be tank backfill but tank not encountered outside building. soils too unstable to contiue beyond 4.0' below grade.



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12 METRO PARK ROAD
ALBANY, NEW YORK 12205

TEST PIT LOG

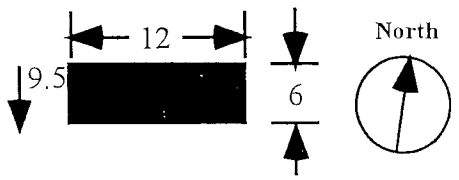
TEST PIT NO.: TP26

PROJECT #:	38925	START: DATE 9/20/00	TIME: 1300
PROJECT:	Freeman's Bridge Road Property	FINISH: DATE 9/20/00	TIME: 1450
CLIENT:	NYSDEC	GRADE ELEVATION:	
CONTRACTOR:	Precison Industrial Maintenance	DATUM:	Grade: USGS NAV 88
OPERATOR:	Ron Burns	WATER TABLE:	3.2' below grade
EQUIPMENT:	CAT 446B Backhoe	INSPECTOR:	Kevin McGrath

DEPTH (ft bg)	PID (ppm)	SAMPLE ID	SOIL DESCRIPTION	REMARKS
1	182	TP26 (0-2)	Dense, dry, coarse SAND and Gravel over remnant asphalt and base. 0.75	
2			Medium dense, moist to wet, coarse(+) medium SAND, with fine Gravel; abundant debris.. occasional c&d.	Very strong odors from 0.75' below grade to base of pit. 126 ppm on PID in air around open pit.
3	1184	TP26 (2-4)	- 6" thick layer of tarry/gluey black and amber stringy substance.	▼ 3.2'
4			- layer of oil-soaked absorbent pads and broken bottleware, possible lab waste.	Blebs of free product pooling on water.
5				
6				
7			7.0	
8			Somewhat stiff, wet, gray-brown Clayey-SILT, with fine Gravel.	
9			9.5	
10			End Pit @ 9.5'	

Notes:

Installed 36" corrugated steel culvert well (CW3)



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12 METRO PARK ROAD
ALBANY, NEW YORK 12205

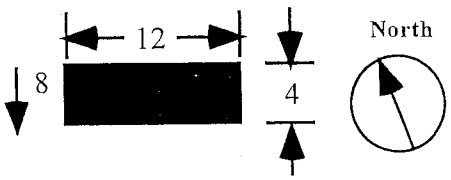
TEST PIT LOG

TEST PIT NO.: TP27

PROJECT #:	38925	START: DATE 9/20/00	TIME: 1430
PROJECT:	Freeman's Bridge Road Property	FINISH: DATE 9/20/00	TIME: 1600
CLIENT:	NYSDEC	GRADE ELEVATION:	
CONTRACTOR:	Precison Industrial Maintenance	DATUM:	Grade: USGS NAV 88
OPERATOR:	Ron Burns	WATER TABLE:	5.8' below grade
EQUIPMENT:	CAT 446B Backhoe	INSPECTOR:	Kevin McGrath

DEPTH (ft bg)	PID (ppm)	SAMPLE ID	SOIL DESCRIPTION	REMARKS
1	44	TP27 (0-2)	Dense, coarse SAND and Gravel 1.0	
2			Loose, moist to wet, black, coarse(+) medium SAND, with coarse fine Gravel; abundant c&d, including brick, asphalt, concrete, wood; abundant debris.	Odor from 1.0 to 6.0 ft below grade.
3	46	TP27 (2-4)		- 6" layer of blackish stained sand 2.5- 3.0 ft. 250 ppm
4			4.2	
5	54	TP27 (4-6)	Somewhat stiff, moist to wet, gray and gray, SILT, and fine Sand; mottled with lenses and pockets of fine sand and clay. 6.0	▼ 5.8'
6			Stiff, wet gray Silty-CLAY, little (-) fine Sand, trace fine Gravel; moderate plasticity, abundant fine laminae of brown Silt and fine Sand.	
7				
8			End test pit@ 8.0	
9				
10				

Notes:



ATTACHMENT 4
Section V, Revised Bid Form

Payment Item Number	*Description*	*Estimated Quantity*	*Unit or Lump Sum Price*		*Total Amount ($)*
			Words	*Figures*	
LS-1	Mobilization/Demobilization	1			
LS-2	Building Demolition	1			
LS-3	WWTP Mobilization, Start-up, and Testing	1			
LS-4	LTTD Demonstration Pilot Test	1			
UP-1	Site Facilities and Utilities	285 Days			
UP-2	Health and Safety	210 Days			
UP-3	Excavation of Soil and Debris	69,000 CY			
UP-4	**LTTD treatment of Non-TSCA Soils**	**46,000 CY**			
UP-4A	**LTTD treatment of TSCA Soils**	**12,500 CY**			
UP-5	**Offsite disposal of metals containing contamining soils**	**3,540 Ton**			

Payment Item Number	*Description*	*Estimated Quantity*	*Unit or Lump Sum Price*		*Total Amount ($)*
			Words	*Figures*	
UP-5A	**Off-site disposal of non-RCRA/non-TSCA debris**	**3,220 Ton**			
UP-5B	**Off-site disposal of RCRA contaminated debris**	**3,220 Ton**			
UP-5C	**Off-site disposal of TSCA contaminated debris**	**3,220 Ton**			
UP-6	Backfill with treated and potentially clean overburden	65,500 CY			
UP-7	Post Excavation Confirmatory Soil Sampling	150 Sampling Suites			
UP-8	Water Treatment	1,000,000 Gallons			
UP-9	NAPL disposal -offsite	32,000			
UP-10	Monitoring Well Decommissioning	21 Wells			
UP-11	Site Restoration - Topsoil and Seeding	10 Acres			
				TOTAL for Pages V-2 and V-3	

Item No.	*Item Description*	*Unit*	*Estimated Quantity*	*Unit or Lump Sum Price*		*Total Amount ($)*
				Words	*Figures*	
	Pollution Liability Insurance	LS	1			
	This item is not to be calculated in the base Bid for the project. **Contractor** is referred to Article 4 of the General Conditions in the Contract Documents. The limits for Pollution Liability Insurance will be the same as defined in Article 4 of the General Conditions. After opening of bids, **Department** will determine if it is in **Department's** best interest to have **Contractor** obtain an additional $4,000,000 Pollution Liability Insurance on a site specific basis, and if so, **Contractor** will be paid separately at the actual documented cost to obtain this additional insurance. The Bidder is required to fill in the above price if it can obtain site-specific Pollution Liability Insurance. This Bid amount will be the upper limit for payment of this item. The **Department** is to be listed on the Bidder's Company Policy as an additional insured at no additional cost to the **Department**. _____ _____ _____ **Contractor Authorized Representative** **Contractor Name** **Date**					