Lu Engineers
ENVIRONMENTAL • TRANSPORTATION • CIVIL

July 8, 2010

Matthew P. Gillette, P.E.
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 8
6274 East Avon-Lima Road
Avon, New York 14414

Subject: **IRM Work Plan Addendum**
Former Service Station Site #E828143 – Town of Clarkson

Dear Mr. Gillette,

This letter was prepared by Lu Engineers, on behalf of the Town of Clarkson, to present a scope of work for additional interim remedial measures (IRMs) at the Former Service Station ERP Site. IRM activities were completed at the Site in April-July 2009, as outlined in the approved *Interim Remedial Measures Work Plan* (Lu Engineers, January 2009), including:

- Asbestos abatement and hazardous material removal;
- Building demolition;
- Concrete slab and floor drain removal;
- Removal of underground hydraulic lift and oil reservoir;
- Pump island demolition;
- Removal of four (4) underground storage tanks (USTs);
- Excavation and off-site disposal of 368 tons of petroleum-impacted soil; and
- Backfill and grading.

Additional IRMs are proposed to address elevated concentrations of SVOCs and metals in surface soils and drainage ditch sediments. Data obtained during the remedial investigation identified concentrations of polynuclear aromatic hydrocarbons (PAHs) above Industrial Use Soil Cleanup Objectives (SCOs) in surface soils at locations SS-02 and SS-04. Barium was also detected above the Commercial Use SCO at surface soil sample location SS-01. Sample locations and results are shown on the attached Figure 1.

Sediment samples collected from the drainage ditch along the western property boundary indicated PAH concentrations above Industrial Use SCOs at each sampling location (SD-01, SD-02, and SD-03). Arsenic was detected above the Industrial Use SCO at location SD-01, as indicated on Figure 1.

The Site is currently vacant land located in a mixed commercial/residential area near the Four Corners of Clarkson and is not secure from access by the public. Potential human exposure pathways exist via direct contact with surface soils and/or creek sediments. The objective of this proposed additional IRM work is to mitigate exposure pathways and prevent off-site migration of contaminants detected in sediments and surface soil.

Remaining impacts to subsurface soils and/or groundwater will be addressed in the Remedial Investigation/ Alternative Analysis report.

Scope of Work

Proposed additional IRM work will include:

- Placement of clean soil cover material over contaminated surface soil;
- Placement of a gravel cover over contaminated creek sediments; and
- Grading and seeding to control erosion.

It is anticipated that Town of Clarkson municipal forces will perform the additional IRMs, with oversight by Lu Engineers. Town of Clarkson personnel have undergone the appropriate OSHA 40-Hour "HAZWOPER" training.

1. Soil Cover

Lu Engineers will provide surveying services for a field stakeout, prior to placement of cover material. The survey will include a 50-foot grid stakeout of the area to be covered, toe of slope, and temporary access road.

Clean cover material will be placed over the existing soils onsite, as shown on the attached Conceptual Grading Plan, Figure 2. A minimum of three (3) feet of soil cover will be placed over the impacted areas (SS-01, SS-02, and SS-04) and graded to allow proper drainage and facilitate future site use as a park. This will require approximately 1,000 cubic yards of cover material to be placed at the Site.

Cover material will be obtained from the Town of Clarkson fill site on Redman Road, or other approved sources. Fill material from the Town fill site was sampled prior to backfilling the tank pit excavations. Lu Engineers visited the fill site and collected a composite sample of the Town's backfill material, since it originated from a variety of reportedly clean sources. The fill was analyzed by Paradigm Environmental Services for TCLP Metals, PCBs, TCLP SVOCs, and TCLP VOCs. Results were non-detect for all parameters. Analytical results are provided as Attachment 1.

Fill material will be placed in two-foot lifts and compacted. Town forces will utilize a bulldozer to grade the cover material in accordance with the Conceptual Grading Plan and survey stakeout. As noted on the attached plan, the proposed side slopes will be a minimum of one foot vertical to three feet horizontal. The area will be covered with a 4-inch layer of topsoil and seeded within 10 days of the final grading, as specified on Figure 2.

As a best management practice, erosion sediment control measures will, at a minimum, include:

- Silt fence to be placed around the perimeter of the fill area at the toe of slope and beyond the limit of all disturbed areas prior to placement of fill.
- The temporary erosion and sediment control devices shall be checked on a weekly basis by the Town and after a storm event of 0.5 inches of rain or greater. The Town will be responsible for maintenance of the silt fence.
- The site shall at all times be graded and maintained such that all storm water runoff is diverted to soil erosion and sediment control devices before entering a water body, inlets of other systems or discharging beyond the limits of the fill area.
- Erosion control measures will be maintained by the Town until upstream ground cover has been established and removal is approved by Lu Engineers.
- Dust control will be performed by the Town, which will consist of light water misting, as necessary.

Existing surface soils will not be excavated or disturbed during placement of the soil cover. Therefore, particulate air testing for community air monitoring will not be necessary.

2. Stone Cover

A layer of six to eight- inch diameter cobbles will be placed approximately 4 feet wide over the sediments in the drainage creek along the western property boundary. The stone cover will prevent human contact with impacted sediments while still allowing for proper drainage. The placement of cobbles will also help prevent off-site migration of impacted sediments by reducing erosion during storm events.

The areas where stone placement is proposed are indicated on the attached plan, Figure 2. A total length of approximately 205 feet will be covered with cobbles- from the end of the culvert pipe to the terminus of the creek, just north of SD-02. The stone cover material will be obtained from the Town fill site on Redman Road, or other approved source. Clean fill will be added to create a temporary access road for trucks to deliver stone to the northern portions of the creek, as shown on Figure 2.

Existing sediments or contaminated soils will not be disturbed during the placement of stone cover material.

Note: the drainage creek meanders the Site boundary and the length to receive cover is approximately 50% off-site. Lu Engineers and the Town will coordinate with the NYSDEC/DOH to obtain necessary access approvals from the adjacent property owner prior to the start of work.

Health and Safety

A site-specific Health and Safety Plan (HASP) has been prepared and previously submitted for this Site. The HASP will be reviewed by all employees before starting site work. A copy of the HASP will be available on-site at all times during the additional IRM work. Town forces have received OSHA 40-hour Hazardous Waste Operations training. This scope of work does not involve excavation or disruption of existing soil/sediment; therefore, potential worker exposures are minimal.

Schedule and Reporting

It is estimated that the additional IRM work can be completed within one week, assuming the availability of Town forces. Once complete, an IRM Report will be prepared to document all IRM activities completed at the Site.

A cost estimate for this proposed scope of work is included as Attachment 2. It is anticipated that the additional IRM work can be completed within the existing project budget.

If you have any questions or comments regarding this proposed work plan, please contact Laura Neubauer or me.

Respectfully,

Gregory L. Andrus, CHMM
Group Leader
Investigation/Remediation

Enclosure(s): Figure 1- Sample Location Plan
Figure 2- Conceptual Grading Plan
Attachment 1- Backfill Analytical Results
Attachment 2- Cost Estimate

cc: Julia Kenney, NYSDOH
Paul Kimball, Town of Clarkson
File 40503

	SD-02
Benzo (a) onthrocene	1,550
Benzo (a) pyrene	16,000
Benzo (b) fluoranthene	18,200
Benzo (k) fluoronthene	13,600
Chrysene	19,700
Dibenzo (a,h) anthrocene	4,000
Indeno (1,2,3-cd) pyrene	11,100

	SD-01
Arsenic	19,600
Benzo (a) anthracene	5,990
Benzo (a) pyrene	5,970
Benzo (b) fluoranthene	7,680
Benzo (k) fluoronthene	4,140
Chrysene	7,350
Indeno (1,2,3-cd) pyrene	3,780

	SS-04
Benzo (a) anthracene	1,500
Benzo (a) pyrene	1,700
Benzo (b) fluoronthene	1,910
Benzo (k) fluoranthene	1,370
Chrysene	1,730
Dibenzo (a,h) anthracene	411
Indeno (1,2,3-cd) pyrene	1,260

	SD-03
Benzo (a) onthracene	17,600
Benzo (a) pyrene	17,700
Benzo (b) fluoranthene	20,900
Benzo (k) fluoronthene	13,700
Chrysene	21,900
Indeno (1,2,3-cd) pyrene	12,300

	SS-02
Benzo (a) anthrocene	5,140
Benzo (a) pyrene	5,450
Benzo (b) fluoronthene	6,580
Benzo (k) fluoronthene	4,150
Chrysene	5,980
Indeno (1,2,3-cd) pyrene	4,470

	SS-01
Borium	960,000
Lead	606,000

TANK 001 --	2,000 gal.
TANK 002 --	2,000 gal.
TANK 003 --	2,000 gal.
TANK 004 --	1,000 gal.

ANALYTICAL RESULTS LEGEND
Value Exceeds Unrestricted Use SCOs
Value Exceeds Residential Use SCOs
Value Exceeds Restricted-Residential Use SCOs
Value Exceeds Commercial Use SCOs
Value Exceeds Industrial Use SCOs

(Results shown in ppb)

LEGEND

- SEDIMENT SAMPLES
- SURFACE SOIL SAMPLES
- TANK CLOSURE SAMPLES
- TEST PITS
- BORING LOCATIONS
- MONITORING WELL

fence in 24" tree; metol fence post; S 69°55'23" E 86.14'; N/F Rondall L. Dangler & Donna J. Dangler TA#054.14-1-2D #8280 Ridge Road; MW-03; Drum Area; SS-06; TP-12; TP-11; N/F Ronald A. Beardslee & Cheryl M. Beardslee TA#054.14-1-22 #8258 Ridge Road; GP-02; GP-01; SD-02; GP-03; S 25°30'41" W 223.50'; N 27°39'29" E 332.47'; N/F Town of Clarkson TA#054.14-1-21 #8264 Ridge Road 30,366.847 Sq. Ft. (0.697 Acre); GP-04; GP-05; GP-06; SS-05; Limits of Fill Area; SD-01; Top of Fill Area; GP-08; TP-9; GP-07; TP-7; TP-6; SS-04; SD-03; SS-03; wood fence post; S 68°43'58" E 50.17'; metol fence post 2.2' W 6.4' S; GP-10; GP-09; TP-8; MW-02; TP-5; fmr. storage trailers; TP-4 (OIL/WATER SEPARATOR); SS-01; TP-3 (SEPTIC TANK); SS-02; GP-15; S 14°57'22" W 85.25'; inv. 421.01'; MW-04; FMR. "GREASE PIT"; TP-10; TC-06; GP-11; TP-01A; TP-01B; TP-2; TC-05; TC-04; TC-03; GP-14; AST; hydraulic oil reservoir (removed); TP-1; fmr. building; MW-01; fmr. garage; LP-01; TC-02; TC-07; 55-GAL. DRUM; hydraulic lift (removed); GP-16; FLOOR DRAIN SAMPLE; TC-08; N 75°30'32" W 139.80'; GP-19; TC-01; GP-12; GP-13; EXCAVATION AREAS; Assumed Highway Boundary; RTC 11 NG 8275; conc. sidewalk; CAB Rim 429.20'; GP-20; Conc. Island (removed); PI-01; GP-17; GP-18; RTC 12; edge of poved shoulder; Little Ridge Road, Part 4 S. H. 257 New York State Route 104 (99.0' Right-of-Way); MONROE COUNTY SURVEY MONUMENT (DO NOT DISTURB)

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FIGURE 1.

SAMPLE LOCATION PLAN

FMR. GAS STATION -- ENVIRONMENTAL RESTORATION PROGRAM
8264 RIDGE ROAD WEST
TOWN OF CLARKSON NEW YORK

DATE: JULY 2010
SCALE: 1" = 25'
DESIGNED/DRAWN/CHECKED LS/DS/GA
P.N. 40503 | ERP Site# E828143

J:\Projects\40500 Clarkson\40503 Brownfield Inv-Cleanup\Cadd\IRM\Sample Location Plan_addendum.dwg, 7/8/2010 10:49:46 AM, diane, AC2008

APPLY LAWN SEED MIX AT A RATE OF 5 LBS. PER 1,000 S.F. OF COVER AREA USING THE FOLLOWING: 25% R2 PERENNIAL RYEGRASS
25% TOP HAT PERENNIAL RYEGRASS
30% CINDY CREEPING RED FESCUE
20% KENTUCKY BLUEGRASS
ON ALL FILL AND DISTURBED AREAS.

CONSTRUCTION SILT FENCE

PROPOSED FILL FOR TEMPORARY HAUL/ACCESS ROAD

PROPOSED GRADE CONTOUR (TYP.)

S 69°31'12" E 168.00'

S 25°30'41" W 223.50'

S 68°43'58" E 50.17'

S 14°57'22" W 85.25'

S 69°55'23" E 86.14'

N 75°30'32" W 139.80'

Little Ridge Road

ex. IP

ex. Rebar 0.3' 4.0'

ex. 2.5' tall IP 4.66' S

ex. fence in 24" tree

SS-01

SS-02

SS-03

SS-04

SS-05

SS-06

Limits of Fill Area

Top of Fill Area

GRADING PROFILE LINE

SD-01

SD-02

SD-03

322.47'

inv. 421.01'

24" cmp

CAB Rim 429.20'

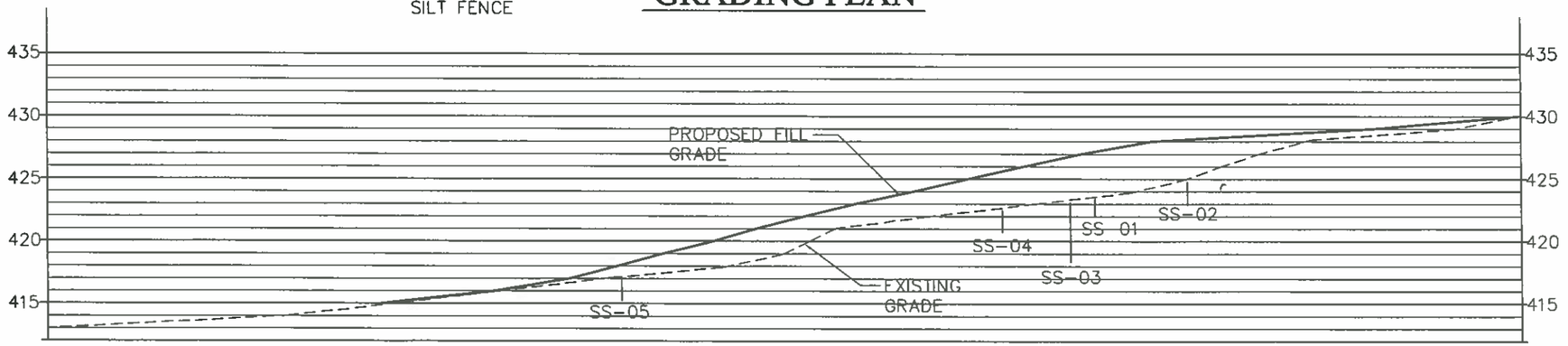
inv. sidewalk

EXISTING GRADE CONTOUR (TYP.)

CONSTRUCTION SILT FENCE

PROPOSED 4'-0" WIDE STONE COVER IN SWALE (6"-8" ROUND COBBLES)

GRADING PLAN



GRADING PROFILE

HORIZONTAL SCALE: 1"=10'
VERTICAL SCALE: 1"=4'

DRAWING ALTERATION

175 Sully's Trail, Suite 202
Corporate Crossings Office Park
Pittsford, NY 14534
(Phone) 385.7417
(Fax) 385.3741
lueng@rochester.rr.com

PROJECT
FORMER SERVICE STATION SITE
8264 RIDGE ROAD WEST
TOWN OF CLARKSON
NEW YORK

CLIENT:
TOWN OF CLARKSON
NEW YORK

Figure 2.
CONCEPTUAL GRADING PLAN

DESIGNED BY: RH | SCALE: NONE
DRAWN BY: RH | DATE: JULY 2010
CHECKED BY: LMOLA | PROJECT No. 46503

SHEET 1 of 1 | DRAWING No. 02

Attachment 1 – Analytical Results

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

Lu Engineers

For Lab Project # 09-2521
Issued July 16, 2009
This report contains a total of 6 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"ND" = analyzed for but not detected.
"E" = Result has been estimated, calibration limit exceeded.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Lu Engineers
Client Job Site: Clarkson ERP
Client Job No.: 40503
Field Location: CS-Fill
Field ID No.: N/A

Lab Project No.: 09-2521
Lab Sample No.: 8027
Sample Type: TCLP Extract
Date Sampled: 07/14/2009
Date Received: 07/14/2009

Laboratory Report for TCLP Metals Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)	Regulatory Limit (mg/L)
TCLP Metal Series				
Arsenic	07/15/2009	EPA 6010	<0.100	5.0
Barium	07/15/2009	EPA 6010	1.93	100.0
Cadmium	07/15/2009	EPA 6010	<0.025	1.0
Chromium	07/15/2009	EPA 6010	<0.050	5.0
Lead	07/15/2009	EPA 6010	<0.100	5.0
Mercury	07/15/2009	EPA 7470	<0.0020	0.2
Selenium	07/15/2009	EPA 6010	<0.100	1.0
Silver	07/15/2009	EPA 6010	<0.050	5.0

ELAP ID No.: 10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional sample information, including compliance with sample condition requirements upon receipt.

File ID:092521.XLS

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

PCB Analysis Report for Soils/Solids/Sludges

Client: Lu Engineers

Client Job Site: Clarkson ERP
Client Job Number: 40503
Field Location: CS - Fill
Field ID Number: N/A
Sample Type: Soil

Lab Project Number: 09-2521
Lab Sample Number: 8027

Date Sampled: 07/14/2009
Date Received: 07/14/2009
Date Analyzed: 07/14/2009

PCB Identification	Results in mg / Kg
Aroclor 1016	ND< 0.313
Aroclor 1221	ND< 0.313
Aroclor 1232	ND< 0.313
Aroclor 1242	ND< 0.313
Aroclor 1248	ND< 0.313
Aroclor 1254	ND< 0.313
Aroclor 1260	ND< 0.313

ELAP Number 10958

Method: EPA 8082

Comments: ND denotes Non Detect
mg / Kg = milligram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Semi-Volatile Analysis Report for TCLP Extract

Client: Lu Engineers

Client Job Site:	Clarkson ERP	**Lab Project Number:**	09-2521
		Lab Sample Number:	8027
Client Job Number:	40503		
Field Location:	CS - Fill	**Date Sampled:**	07/14/2009
Field ID Number:	N/A	**Date Received:**	07/14/2009
Sample Type:	TCLP Extract	**Date Analyzed:**	07/15/2009

Base / Neutrals	Results in ug / L	Regulatory Limits in ug / L
1,4-Dichlorobenzene	ND< 40.0	7,500
2,4-Dinitrotoluene	ND< 40.0	130
Hexachlorobenzene	ND< 40.0	3000
Hexachlorobutadiene	ND< 40.0	500
Hexachloroethane	ND< 40.0	130
Nitrobenzene	ND< 40.0	2000
Pyridine	ND< 40.0	5000

ELAP Number 10958 Method: EPA 8270C Data File: S46144.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: Val M Miller for:
Bruce Hoogesteger: Technical Director

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for TCLP Extract

Client: Lu Engineers

Client Job Site:	Clarkson ERP	**Lab Project Number:**	09-2521
		Lab Sample Number:	8027
Client Job Number:	40503		
Field Location:	CS - Fill	**Date Sampled:**	07/14/2009
Field ID Number:	N/A	**Date Received:**	07/14/2009
Sample Type:	TCLP Extract	**Date Analyzed:**	07/15/2009

Compounds	Results in ug / L	Regulatory Limits in ug / L
Benzene	ND< 20.0	500
2-Butanone	ND< 100	200,000
Carbon Tetrachloride	ND< 20.0	500
Chlorobenzene	ND< 20.0	100,000
Chloroform	ND< 20.0	6,000
1,2-Dichloroethane	ND< 20.0	500
1,1-Dichloroethene	ND< 20.0	700
Tetrachloroethene	ND< 20.0	700
Trichloroethene	ND< 20.0	500
Vinyl chloride	ND< 20.0	200

ELAP Number 10958 Method: EPA 8260B Data File: V67169.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter
Surrogate outliers indicate probable matrix interference

Signature: (for)
Bruce Hoggesteger: Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 • (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO:
COMPANY: Tu Engineers
ADDRESS: 2230 Penfield Rd.
CITY: Penfield STATE: NY ZIP: 14526
PHONE: 377-1480 FAX: 377-1266
ATTN: Laura Smith

INVOICE TO:
COMPANY: same
ADDRESS:
CITY: STATE: ZIP:
PHONE: FAX:
ATTN:

LAB PROJECT #: 09-2521
CLIENT PROJECT #: 40503

TURNAROUND TIME: (WORKING DAYS)
1 2 3 STD (X) 5 OTHER ( )

QUOTE #: For CS Fill, per MS + lab, OK

PROJECT NAME/SITE NAME: Clarkson ERP

COMMENTS: * please provide excel EDD

MS071409B

DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	8260+Stars VOCs	8270+Stars SVOCs	Total Lead	TCLP RCRA Metals	TCLP SVOCs	TCLP VOCs	PCBs	Pesticides	CN	7/14/09 MS'	REMARKS	PARADIGM LAB SAMPLE NUMBER
7/13/09	11:00		X	CS-TC-01-8	S	2	✓	✓	✓								TCLP SVOA BN, TCLP VOA, TCLP Hg. 1 day for PCB, TCLP 7 Metals. No QC package needed for CS Fill sample, per JD. EAH 7/14	
2	11:20		X	CS-TC-02-7	S	2	✓	✓	✓									
3	14:30		X	CS-TC-03-8	S	2	✓	✓	✓									
4 7/14/09	9:50		X	CS-TC-04-8	S	2	✓	✓									Logged in as separate job. EAH 7/14	
5	9:50		X	CS-TC-04-8MS	S	2	✓	✓										
6	9:50		X	CS-TC-04-8MD	S	2	✓	✓										
7	9:55		X	CS-TC-05-8	S	2	✓	✓										
8	10:00		X	CS-TC-06-8	S	2	✓	✓										
9	13:00	X		CS-Fill	S	1				✓	✓	✓	✓	✓			24 hr TAT see above	8027
10	14:30		X	CS-TC-07-8	S	2	✓	✓									→ Logged in as separate job. EAH 7/14	

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☐	N ☒
Comments: Rec'd in plastic bag - transf. to glass jar at lab		
Preservation:	Y ☐	N ☐
Comments: N/A		
Holding Time:	Y ☒	N ☐
Comments:		
Temperature:	Y ☒	N ☐
Comments: 6°C iced		

Laura M. Smith	7/14/09	15:09
Sampled By	Date/Time	
Laura M. Smith	7/14/09	16:10
Relinquished By	Date/Time	
	7/14/09	16:10
Received By	Date/Time	
Elizabeth A. Honch	7/14/09	1630
Received @ Lab By	Date/Time	

Total Cost:

P.I.F.

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Former Service Station Site #E828143

Additional IRM Cost Estimate

Description	Estimated Quantity	Unit	Unit Price	Estimated Cost
1. Soil Cover				
Survey Stakeout	1	@	$ 1,000.00	$ 1,000.00
Silt Fence & Installation	330	L.F.	$ 3.00	$ 990.00
Suitable Fill Material (Imported)	1000	C.Y.	$ 7.00	$ 7,000.00
- includes transportation				
4" Topsoil (incl. labor)	50	C.Y.	$ 16.00	$ 800.00
Fine Grade, Seed, & Water	440	S.Y.	$ 2.00	$ 880.00
2. Stone Cover				
Cobbles (6-8")	15	C.Y.	$ 70.00	$ 1,050.00
- includes transportation				
3. Engineering				
Oversight & Documentation	5	Days	$ 650.00	$ 3,250.00
Project Management (10%)	20	Hrs.	$ 75.00	$ 1,500.00
			Total	**$ 16,470.00**