

00-00-103 (6/78)



New York State Department of Environmental Conservation

MEMORANDUM

TO:
FROM:
SUBJECT:

DATE:

workplan.hw.704050.2010-11-18.D006130-17_HRP.pdf

New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Program Management, 12th Floor
625 Broadway, Albany, New York 12233-7012
Phone: (518) 402-9764 • **Fax:** (518) 402-9722
Website: www.dec.ny.gov



Peter M. Iwanowicz
Acting Commissioner

November 18, 2010

Jeff Sotek, P.E.
HRP Engineering, P.C.
1 Fairchild Square, Suite 110
Clifton Park, NY 12065

RE: Schedule 2.11s Approval
Contract/WA No.: D006130-17
Site Name: Former Canada Dry Plant
Site # 704050

100268-09

Dear Mr. Sotek:

The New York State Department of Environmental Conservation's Division of Environmental Remediation (DER) hereby approves the enclosed Schedule 2.11s for the above referenced WA for a total amount not to exceed \$228,735. Your firm may now submit a request for reimbursement for work completed under this WA.

If you have any questions regarding the WA, please contact the Project Manager, Ben Rung at (518) 402-9813.

Sincerely,

Steve Karwiel
Acting Chief
Contracts and Payment Section
Bureau of Program Management
Division of Environmental Remediation

Attachment

HRP Associates, Inc.

Creating the Right Solutions Together

November 15, 2010

Patricia Kappeller
NYS Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Program Management
625 Broadway, 12th Floor
Albany, NY 12233-7012

**RE: HRP ENGINEERING P.C., D006130, WORK ASSIGNMENT #17
FORMER CANADA DRY BOTTLING FACILITY (SITE ID: 704050)
2 & 7 BADGER AVENUE, ENDICOTT (BROOME), NY
SUBMISSION OF WORK ASSIGNMENT BUDGET - 2.11's-REVISION1**

Dear Mrs. Kappeller:

HRP Engineering P.C. (HRP) was issued work assignment number eighteen on September 9, 2010 for a Remedial Investigation and Feasibility Study of the Former Canada Dry Plant site located at 2 & Badger Avenue, Endicott, New York, Broome County (site ID# 704050).

As per HRP Engineering P.C. (HRP) stand-by services contract D006130, HRP is submitting the work assignment budget for the above referenced site. HRP has followed the NYS procurement procedures to obtain the correct number of bids for each service needed to complete the work assignment as described in the work plan template included in the WA issuance/ notice to proceed letter from the NYSDEC. Also included as an attachment to this letter are the subcontractor certification forms and quotes obtained during the procurement process.

HRP's final budget for D006230-17 is \$228,735, which is above the estimate in the NYSDEC work assignment issuance letter. The additional costs are due to a change in scope additions requested by the NYSDEC project manager including historical data review, evaluating the feasibility of natural attenuation for the off-site wells, and the addition cost for a passive gas soil survey. This change in scope also added labor, materials, and subcontractor costs.

HRP obtained quotes from several W/MBE's and selected the lowest bidders in each required task. HRP will be utilizing two WBEs and one MBE on this work assignment.

HRP anticipates the financial expenditures for FY 2010/2011 to be \$91,494 and for FY 2011/2012 to be \$137,241.

If you have questions or comments, please feel free contact myself at (518) 877-7101.

Sincerely,
HRP Associates, Inc.



Jeffrey R. Sotek, PE, CSP, CIH

CONNECTICUT

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www.hrpassociates.com

Schedule 2.11(a)

**Summary of Work Assignment Price
Former Canada Dry, Endicott, NY
Work Assignment Number: D006130-17**

1) Direct Salary Costs (Schedules 2.10(a) and 2.11(b))	<u>\$27,377</u>
2) Indirect Costs (Schedule 2.10(g))	<u>\$31,484</u>
3) Direct Non-Salary Costs (Schedules 2.10(b)(c)(d) and 2.11(c)(d))	<u>\$14,784</u>
4) Subcontract Costs	

Cost-Plus-Fixed-Fee Subcontracts (Schedule 2.10(e) and 2.11(e))

<u>Name of Subcontractor</u>	<u>Services To Be Performed</u>	<u>Subcontract Price</u>
i) Schumaker Consulting Engineering (WBE)	Surveying, Field Sampling	\$34,626
ii)		
A) Total Cost-Plus-Fixed-Fee Subcontracts		<u>\$34,626</u>

Unit Price Subcontracts (Schedule 2.10 (f) and 2.11 (f))

<u>Name of Subcontractor</u>	<u>Services To Be Performed</u>	<u>Subcontract Price</u>
i) ChemTech (MBE)	Laboratory	\$47,180
ii) Microbial Insight	Laboratory (microbial)	\$38,000
ii) EDS (WBE)	Data Validator	\$2,562
iv) GeoLogicNY	Driller	\$11,229
vi) Columbia Analytical	TO-15 air analysis	\$870
vii) Beacon Environmental	Passive Soil Gas Survey	\$7,585
viii) TBD	Drummed waste disposal	\$1,425
B) Total Unit Price Subcontracts		<u>\$108,851</u>

5) Subcontract Management Fee	<u>\$4,786</u>
6) Total Subcontract Costs (lines 4A + 4B + 5)	<u>\$148,262</u>
7) Fixed Fee (Schedule 2.10(h))	<u>\$6,828</u>
8) Total Work Assignment Price (Lines 1 + 2 + 3 + 6 + 7)	<u>\$228,735</u>

Engineer/Contract # D006130
 Project Name Former Canada Dry, Endicott, NY
 Work Assignment No. WA#17

Date Prepared: 11/8/2010

Schedule 2.11(b-1)
Direct Administrative Labor Hours Budgeted

Labor Classification	IX	VIII	VII	VI	V	IV	III	II	I	Admin. Support	Total No. of Direct Labor Hrs.
Task 1 Preliminary Activities	1	2	0	4	4	0	0	0	2	2	15
Task 2 Onsite RI, Phase 1 - Passive Gas	0		0	2	0	0	0	0	2	1	5
Task 3 On-site RI, Phase 1 - Soil and Groundwater Sampling	0	0	0	0	0	0	0	0	0	0	0
Task 4 On-site RI, Phase 1 - Soil vapor	0		0	2	0	0	0	0	0	0	2
Task 5 On-site RI, Phase 1 - Report	0	2	0	3	0	0	0	0	0	0	5
Task 6 Off-site RI Phase 2 - Data review and Well sampling	0	2	0	2	4	0	0	0	0	0	8
Task 7 Remedial Alternatives & Feasibility Study	0	2	0	3	1	0	0	0	0	0	6
TOTAL HOURS	1	8	0	16	9	0	0	0	4	3	41

Contract/Project administrative hours would include (subject to contract allowability) but not necessarily be limited to the following activities:

- 1) Work Plan Budget Development
 - > Conflict of Interest Check
 - > Budget schedules & supporting documentation
- 2) Review work assignment (WA) progress
 - > Conduct progress reviews
 - > Prepare monthly project report
 - > Update WA progress schedule
 - > Prepare M/WBE Utilization Report
- 3) Contractor Application for Payment (CAP)
 - > Oversee and prepare monthly CAP

- 4) Program Management
 - > Prepare monthly cost control report
 - > Cost control reviews
 - ◇ Staffing Plans
 - > Manage subcontracts
 - > NSPE list update
 - > Equipment inventory
- 5) Miscellaneous
 - > Conduct Health and Safety Reviews
 - > Word processing and graphic artists
 - > Report editing

Contract/Project Administration hours would **not** include:

- 1) QA/QC reviews
- 2) Technical oversight by management
- 3) Develop subcontracts
- 4) Work plan development
- 5) Review of deliverables

Engineer/Contract # D006130
 Project Name Former Canada Dry, Endicott, NY
 Work Assignment No. WA#17

Date Prepared: 11/8/2010

Schedule 2.11(b)
Direct Labor Hours Budgeted

Labor Classification	IX		VIII		VII		VI		V		IV		III		II		I		Tech. Support		Admin Support		Total No. of Direct Labor Hours and Costs Budgeted	
*Av. Salary Rate (\$) _____ Year 2010-11	\$67.72		\$43.27		\$38.59		\$33.16		\$29.04		\$25.87		\$24.18		\$20.77		\$18.89		\$0.00		\$0.00		0	
Description	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost
Task 1 Preliminary Activities	1	\$68	4	\$173		\$0	4	\$133	30	\$871		\$0	6	\$145		\$0	40	\$756		\$0	0	\$0	85	\$2,145
Task 2 Onsite RI, Phase 1 - Passive Gas	0	\$0	1	\$43		\$0	2	\$66	38	\$1,104		\$0		\$0		\$0	4	\$76		\$0	0	\$0	45	\$1,289
Task 3 On-site RI, Phase 1 - Soil and Groundwater Sampling		\$0	2	\$87		\$0	9	\$298	55	\$1,597		\$0		\$0		\$0	60	\$1,133		\$0		\$0	126	\$3,116
Task 4 On-site RI, Phase 1 - Soil vapor		\$0	1	\$43		\$0	2	\$66	24	\$697		\$0	0	\$0		\$0	28	\$529		\$0		\$0	55	\$1,335
Task 5 On-site RI, Phase 1 - Report	1	\$68	8	\$346		\$0	60	\$1,990	8	\$232		\$0	20	\$484		\$0	70	\$1,322		\$0	0	\$0	167	\$4,442
Task 6 Off-site RI Phase 2 - Data review and Well sampling		\$0	8	\$346		\$0	20	\$663	168	\$4,879		\$0	80	\$1,934		\$0	148	\$2,796		\$0		\$0	424	\$10,618
Task 7 Remedial Alternatives & Feasibility Study	0	\$0	20	\$865		\$0	20	\$663	62	\$1,800	0	\$0	30	\$725		\$0	20	\$378		\$0		\$0	152	\$4,432
Total Hours	2		44		0		117		385		0		136		0		370		0		0		1054	
Total Direct Labor Cost (\$) Year		\$135		\$1,904		\$0		\$3,880		\$11,180		\$0		\$3,288		\$0		\$6,989		\$0		\$0		\$27,377
Labor Classification	IX		VIII		VII		VI		V		IV		III		II		I		Tech. Support		Admin Support		Total No. of Direct Labor Hours and Costs Budgeted	
*Av. Salary Rate (\$) _____ Year	\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		0	
Description	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost
Task		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
Total Hours	0		0		0		0		0		0		0		0		0		0		0		0	
Total Direct Labor Cost (\$) Year		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
Total Hours	2		44		0		117		385		0		136		0		370		0		0		1054	
Total Direct Labor Cost		\$135		\$1,904		\$0		\$3,880		\$11,180		\$0		\$3,288		\$0		\$6,989		\$0		\$0		\$27,377

* For multiple years use one average salary rate row for each year and each years subtotal Labor Cost.

Schedule 2.11 (c)

Direct Non-Salary Costs Work Assignment # D006130-17 Former Canada Dry, Endicott, NY

Item	Max. Reimbursement *	Est. No.	Total
	Rate (Specify Unit)	of Units	Estimated Cost
A) Other			
1) Reproduction _ B&W 8x11	\$0.03 per copy	2000	\$60.00
2) Reproduction _ B&W 11x17	\$0.07 per copy	125	\$8.75
3) Reproduction _ Color 8x11	\$0.50 per copy	100	\$50.00
4) Reproduction _ Color 11x17	\$1.00 per copy	50	\$50.00
5) Fed Ex / mailing	\$25.00 shipment	8	\$200.00
	Total		\$368.75
B) Miscellaneous			
TASK 1			
1) PPE (level D) Task 2	\$15.00 per man/per day	1	\$15
2) LVE (Task 2)	\$0.80 per person-field h	10	\$8.00
TASK 2			
1) PPE (level D) Task 2	\$15.00 per man/per day	2	\$30
2) LVE (Task 2)	\$0.80 per person-field h	20	\$16.00
TASK 3			
1) PPE (level D) Task 2	\$15.00 per man/per day	10	\$150
2) LVE (Task 2)	\$0.80 per person-field h	100	\$80.00
TASK 4			
1) PPE (level D) Task 2	\$15.00 per man/per day	2	\$30
2) LVE (Task 2)	\$0.80 per person-field h	20	\$16.00
TASK 6			
1) PPE (level D) Task 2	\$15.00 per man/per day	40	\$600
2) LVE (Task 2)	\$0.80 per person-field h	400	\$320.00
	hour	Total	\$1,265.00
C) Travel			
TASK 1			
1) Tolls (Task 1)	\$25.00 per trip	1	\$25.00
2) Gas rental/vehicles (Task	\$30.00 per trip	1	\$30.00
3) Vehicle rental (Task 1)	\$55.00 days	1	\$55.00
3) Mileage (task1)	\$0.500 per mile	20	\$10
	Total		\$120.00
TASK 2			
1) First / Last Day Travel	\$30.00 per day	1	\$30
2) Per diem (task2)	\$136.00 per day	1	\$136
3) Mileage (task 2)	\$0.500 per mile	0	\$0
4) Tolls (task 2)	\$25.00 per trip	1	\$25.00
5) Gas rental/vehicles (task 2)	\$30.00 per trip	2	\$60.00
6) Vehicle rental (task 2)	\$55.00 days	3	\$165.00
	Total		\$416

Schedule 2.11 (c)

Direct Non-Salary Costs Work Assignment # D006130-17 Former Canada Dry, Endicott, NY

TASK 3

1)	First / Last Day Travel	\$30.00	per day	2	\$60
2)	Per diem (task3)	\$136.00	per day	8	\$1,088
3)	Mileage (task 3)	\$0.500	per mile	20	\$10
4)	Tolls (task 3)	\$25.00	per trip	1	\$25.00
5)	Gas rental/vehicles (task 3)	\$30.00	per trip	2	\$60.00
6)	Vehicle rental (task 3)	\$55.00	days	6	\$330.00
<u>Total</u>					<u>\$1,573</u>

TASK 4

1)	First / Last Day Travel	\$30.00	per day	2	\$60
2)	Per diem (task 4)	\$136.00	per day	0	\$0
3)	Mileage (task 4)	\$0.500	per mile	20	\$10
4)	Tolls (task 4)	\$25.00	per trip	1	\$25.00
5)	Gas rental/vehicles (task 4)	\$30.00	per trip	2	\$60.00
6)	Vehicle rental (task 4)	\$55.00	days	2	\$110.00
<u>Total</u>					<u>\$265</u>

TASK 6

1)	First / Last Day Travel	\$30.00	per day	2	\$60
2)	Per diem (task 4)	\$136.00	per day	18	\$2,448
3)	Mileage (task 6)	\$0.50	per mile	20	\$10
4)	Tolls (task 6)	\$25.00	per trip	1	\$25.00
5)	Gas rental/vehicles (task 6)	\$30.00	per trip	2	\$60.00
6)	Vehicle rental (task 6)	\$55.00	days	11	\$605.00
<u>Total</u>					<u>\$3,208</u>

Total Direct Non-Salary Costs \$7,215.75

Schedule 2.11(d) 3
Former Canada Dry, Endicott, NY
Maximum Reimbursement Rate for Vendor Rented Equipment

Item	Max Reimbursement Rate (\$)' (Per Day)	Shipping charges (round trip)	Est. Usage (unit of time)	Est. Rental Cost (\$) (Col. 2 x 4 + 3)
PID Mini RAE2000 w/10.6 eV lamp	\$75.00	\$80.00	12	\$980.00
PID Mini RAE2000 w/10.6 eV lamp (ppb detection)	\$150.00	\$0.00	0	\$0.00
Dust TRAK 8520 Aerosol Monitor -2 units (\$75/per day one un	\$150.00	\$150.00	6	\$1,050.00
Dust TRAK Tripod & enclosure	\$35.00	\$50.00	6	\$260.00
Weather Station	\$35.00	\$0.00	0	\$0.00
Horiba U-22 water quality meter	\$150.00	\$80.00	14	\$2,180.00
Solinist Interface Probe	\$110.00	\$80.00		
Portable generator, for water pumps (week rental)	\$180.00		3	\$540.00
Water pump	\$100.00		12	\$1,200.00
Rotary drill per week	\$120.00		1	\$120.00
			Subtotal	\$6,330
			Tax (8.5%)	\$538.05
			TOTAL	\$6,868.05

D006130-17 NYSDEC STANDBY ENGINEERING CONTRACT
SITE CODE 704050 - FORMER CANADA DRY BOTTLING PLANT, ENDICOTT, NEW YORK
SHUMAKER CONSULTING ENGINEERING & LAND SURVEYING, P.C.

Schedule 2.11 (e)
Cost-Plus-Fixed-Fee Subcontract

Name of Subcontractor	Service to be Performed	Subcontract Price
Shumaker (WBE)	Site Investigation	\$34,626

A) Direct Salary Costs

Professional Responsibility Level	Labor Classification	Avg. Reimbursement 2010 Rate (\$/Hr.)	TASK 1 SITE WALK-THROUGH Est. Hours	TASK 2 PASSIVE SOIL VAPOR SAMPLING Est. Hours	TASK 3 GROUNDWATER DEVELOPMENT Est. Hours	TASK 4 LICENSED SURVEY Est. Hours	Total Estimated Hours	Total Est. Direct Salary Cost (Max. Reimb. Rate x Est. # of Hrs.)
Managing Engineer II	VII	\$49.90	0	1	1	0	2	\$ 99.80
Land Surveyor III	VIII	\$55.50					0	\$ -
Land Surveyor II	VI	\$37.00				10	10	\$ 370.00
Geologist VI	VI	\$45.20	0	6	8	2	16	\$ 723.20
Geologist IV	IV	\$32.50	10	16	70	0	96	\$ 3,120.00
Geologist III*	III	\$26.30	2	60	90		152	\$ 3,997.60
Sr. Eng. Technician*	III	\$26.05				12	12	\$ 312.60
Eng. Technician*	II	\$19.99				2	2	\$ 39.98
Technical Typist	NA	\$20.20					0	\$ -
Party Chief (Field)*	III	\$26.94				20	20	\$ 538.80
Instrument Person (Field)*	II	\$19.71				20	20	\$ 394.20
Rod Person (Field)*	I	\$17.50					0	\$ -
Total Direct Salary Costs								\$9,596.18

Footnotes:

- 1) Snow and brush removal not included.
- 2) Reimbursement will be limited to the lesser of either the individuals actual hourly rate or the maximum for each labor category.
- 3) Only those labor classifications indicated with an asterisk will be entitled to overtime premium.
- 4) The average rates in each labor category can be modified only by mutual written agreement and approved by both the Department and the Comptroller.

B) Indirect Costs

Indirect costs shall be paid based on a percentage of direct salary costs incurred which shall not exceed a maximum of 149.48 % or the actual rate calculated in accordance with 48 CFR Federal Acquisition Regulation, whichever is lower.
Amount budgeted for indirect costs is:

\$ 14,344.37

C) Maximum Reimbursement Rates for Direct Non-Salary Costs

Item	Max. Reimbursement Rate	(Specify Unit)	TASK 1 (Units)	TASK 2 (Units)	TASK 3 (Units)	TASK 4 (Units)	Total Est. No. Of Units	Total Est. Cost
Lodging	91.00	per day		4	8		12	\$ 1,092.00
Per Diem	46.00	per day		1	6		7	\$ 322.00
First/Last Day Meals	30.00	each		3	2		5	\$ 150.00
Misc. Supplies	\$25.00	per day		3	4		7	\$ 175.00
Mileage	\$0.50	per mile	240	480	480	30	1230	\$ 615.00
Tolls	\$15.00	per rnd. Trip					0	\$ -
PID + Cal Kit Rental	\$300.00	per week		1	2		3	\$ 900.00
Pump and Regulator Rental	\$350.00	per week			2		2	\$ 700.00
Flow Cell Rental	\$60.00	per week			2		2	\$ 120.00
Field Parameter Meter Rental	\$275.00	per week			2		2	\$ 550.00
Generator Rental	\$250.00	per week		1	2		3	\$ 750.00
Probe Points + Fittings	\$50.00	per day		2			2	\$ 100.00
3' Stakes	\$15.00	per bundle (25)		2			2	\$ 30.00
55 Gallon Drums	\$60.00	each			2		2	\$ 120.00
Interface Probe	\$165.00	per week			2		2	\$ 330.00
Tubing (teflon lined)	\$1.00	per foot			500		500	\$ 500.00
Teflon Bailers	\$200.00	per case (12)			1		1	\$ 200.00
Shipping (samples)	\$70.00	per cooler/box		2	2		4	\$ 280.00
Shipping (equipment)	\$35.00	per unit		1	8		9	\$ 315.00
Reproduction	NA	NA					0	\$ 5.00
Survey Wage Differential	NA	NA					0	\$ 334.00
Survey Supplemental Benefits	NA	NA					0	\$ 703.20
Total Direct Non-Salary Costs								\$ 8,291.20

D) Fixed Fee

The fixed Fee is: 10 %

\$2,394.05

Schedule 2.11(d) 5
Former Canada Dry, Endicott, NY
Maximum Reimbursement Rate for Consumables

Item	Estimated Quantity	Unit Cost (\$)	Total Budgeted Cost (Col 2 x 3) (\$)
Ice 1 pound bags	20	\$2.00	\$40.00
Health & safety items (e.g., drinks, water, cups)	4	\$40.00	\$160.00
Miscellaneous (e.g. tubing, check valves, clay, bentonite	1	\$500.00	\$500.00
			\$0.00
			\$0.00
TOTAL:			\$700.00

Schedule 2.11 (f)

Unit Price Subcontracts

Work Assignment Number **D006130-17**

Former Canada Dry, Endicott, NY

Name of Subcontractor		Services to be Performed		Subcontract Price	Management Fee
<u>EDS (WBE)</u>		<u>Data Validation</u>		<u>\$2,562</u>	<u>\$128</u>
Item	Max. Reimbursement Rate (Specify Unit)		Est. No. of Units	Total Est. Cost	
1) Soil TCL VOCs 8260 Cat B	\$18.00	per sample	14	\$252	
2) Soil TCLP	96.00	per sample	1	\$96	
3) Water TCL VOCs 8260 Cat B	18.00	per sample	92	\$1,656	
4) TO-15 soil gas samples	\$18.00	per sample	31	\$558	
Subtotal-Subcontract Price			138	<u>\$2,562</u>	
Subcontract Management Fee				<u>\$128</u>	
TOTAL				<u><u>\$2,690.10</u></u>	

Schedule 2.11 (f)

Unit Price Subcontracts

Work Assignment Number D006130-17
Former Canada Dry, Endicott, NY

Name of Subcontractor		Services to be Performed		Subcontract Price	Management Fee
<u>ChemTech (MBE)</u>		<u>Laboratory Services</u>		<u>\$47,180</u>	<u>\$2,196</u>
Item	Max. Reimbursement Rate (Specify Unit)		Est. No. of Units	Total Est. Cost	
Task Three					
1)	Soil TCL VOCs 8260 Cat B	85.00 per sample	14	\$1,190	
2)	Soil TCLP	585.00 per sample	2	\$1,170	
3)	Water TCL VOCs 8260 Cat B	75.00 per sample	12	\$900	
Subtotal-Subcontract Price				<u>\$3,260</u>	
Task Six					
3)	Water TCL VOCs 8260 Cat B	85.00 per sample	80	\$6,800	
4)	Nitrate	35 per sample	80	\$2,800	
5)	Sulfate	25 per sample	80	\$2,000	
6)	Sulfide	25 per sample	80	\$2,000	
7)	Iron (II)	30 per sample	80	\$2,400	
8)	Methane	125 per sample	80	\$10,000	
9)	pH	10 per sample	80	\$800	
10)	TOC	40 per sample	80	\$3,200	
11)	Alkalinity	25 per sample	80	\$2,000	
12)	Chloride	25 per sample	80	\$2,000	
Subtotal-Subcontract Price				<u>\$34,000</u>	
Engineering Estimate - Non Contracted Item					
	CO2	49 per sample	80	\$3,920	
	Hydrogen	75 per sample	80	\$6,000	
Subcontract Management Fee				<u>\$2,196</u>	
TOTAL				<u>\$39,456</u>	

Schedule 2.11 (f)

Unit Price Subcontracts
Work Assignment Number **D006130-17**
Former Canada Dry, Endicott, NY

Name of Subcontractor		Services to be Performed		Subcontract Price	Management Fee
<u>Microbial Insights</u>		<u>Laboratory Services</u>		<u>\$38,000</u>	<u>\$1,900</u>
Item	Max. Reimbursement Rate (Specify Unit)		Est. No. of Units	Total Est. Cost	
Task Six					
1)	CENSUS-DNA (Dehalococcoides spp. --DHC)	275	per sample	80	\$22,000
2)	CENSUS-DNA (DHC Functional Genes (bvcA, tceA, vcrA))	75	per sample	80	\$6,000
3)	VFA (VFA)	125	per sample	80	\$10,000
Subtotal-Subcontract Price					\$38,000
Subcontract Management Fee					<u>\$1,900</u>
TOTAL					\$39,900

Schedule 2.11 (f)

Unit Price Subcontracts
Work Assignment Number **D006130-17**
Former Canada Dry, Endicott, NY

Name of Subcontractor		Services to be Performed		Subcontract Price	Management Fee
<u>GeoLogic NY</u>		<u>Geoprobe Services</u>		<u>\$11,229</u>	<u>\$561</u>
Item		Max. Reimbursement Rate (Specify Unit	Est. No. of Units	Total Est. Cost	
1)	Mob-Demob	\$ 200.00 lumpsum	1	\$200	
2)	Drill Rig w/2 man crew	\$1,500.00 per day	5	\$7,500	
3)	PVC wells (1")	\$ 20.00 per unit	40	\$800	
4)	PVC prepacked screen 1.5"	\$ - each	0	\$0	
5)	Manholes	\$ - each	0	\$0	
6)	8" curb boxes	\$ 60.00 each	10	\$600	
7)	Additional man hour charge	per hour	0	\$0	
8)	Grouting	\$ 1.00 each	0	\$0	
9)	Bentonite	\$ 26.00	0	\$0	
10)	3" steel drive points	\$ 20.00	0	\$0	
11)	Decontamination labor	\$ 80.00 per hour	4	\$320	
12)	Decon Pad	\$ 125.00	1	\$125	
13)	55 gallon drums	\$ 27.00 each	12	\$324	
14)	Drum relocation	\$ 40.00 per hour	6	\$240	
15)	Per diem	\$250 per night	4	\$1,000	
16)	Well Repair	\$120 each	1	\$120	
Subtotal-Subcontract Price				<u>\$11,229</u>	
Subcontract Management Fee				<u>\$561</u>	
TOTAL				<u><u>\$11,790</u></u>	

Schedule 2.11 (f)

Unit Price Subcontracts

Work Assignment Number **D006130-17**

Former Canada Dry, Endicott, NY

Name of Subcontractor		Services to be Performed	Subcontract Price	Management Fee
<u>Columbia Analytical</u>		<u>Soil vapor analysis</u>	<u>\$870</u>	<u>\$0</u>
Item	Max. Reimbursement Rate (Specify Unit)		Est. No. of Units	Total Est. Cost
1)	TO-15 soil gas analysis	\$145 per sample	6	\$870
Subtotal-Subcontract Price				<u>\$870</u>
Subcontract Management Fee				<u>\$0</u>
TOTAL				<u><u>\$870</u></u>

Schedule 2.11 (f)

Unit Price Subcontracts

Work Assignment Number **D006130-17**
Former Canada Dry, Endicott, NY

Name of Subcontractor		Services to be Performed		Subcontract Price	Management Fee
<u>Beacon Environmental</u>		<u>Passive soil gas survey</u>		<u>\$7,585</u>	<u>\$0</u>
Item		Max. Reimbursement Rate (Specify Unit)		Est. No. of Units	Total Est. Cost
1)	Custom collection kit and shipment to site	\$410	lump sum	1	\$410
2)	Analysis of field samples	\$175	per sampler	41	\$7,175
3)	Survey Report	included			
Subtotal-Subcontract Price					<u>\$7,585</u>
Subcontract Management Fee					<u>\$0</u>
TOTAL					<u><u>\$7,585</u></u>

Schedule 2.11 (f)

Unit Price Subcontracts

Work Assignment Number **D006130-17**
Former Canada Dry, Endicott, NY

Name of Subcontractor		Services to be Performed		Subcontract Price	Management Fee
<u>TBD</u>		<u>Waste disposal</u>		<u>\$1,425</u>	<u>\$0</u>
Item	Max. Reimbursement Rate (Specify Unit)			Est. No. of Units	Total Est. Cost
1)	Disposal cost 55 gal. drum, haz waste	400	per drum	0	\$0
2)	Disposal cost 55 gal. drum, non-haz waste	150	per drum	6	\$900
	Disposal cost 55 gal drum,				
3)	non-haz wastewater	150	per drum	0	\$0
3)	Pick up fee	525	per trip	1	\$525
Subtotal-Subcontract Price					<u>\$1,425</u>
Subcontract Management Fee					<u>\$0</u>
TOTAL					<u>\$1,425</u>

Schedule 2.11 (g) - Summary

**Monthly Cost Control Report
Summary of Fiscal Information**

Engineer HRP Engineering P.C.
 Contract No. D006130
 Project Name Former Canada Dry, Endicott, NY
 Work Assignment No. 17
 Task #/Name Summary
 Complete 0%

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 Date Prepared 11/8/10
 Billing Period _____
 Invoice No. _____
 CAP Application No. (PaymentNo.): _____

<i>Expenditure Category</i>	<i>A</i> <i>Costs Claimed This Period</i>	<i>B</i> <i>Paid to Date</i>	<i>C</i> <i>Total Disallowed to Date</i>	<i>D</i> <i>Total Costs Incurred to Date (A+B+C)</i>	<i>E</i> <i>Estimated Costs to Completion</i>	<i>F</i> <i>Estimated Total Work Assignment Price (A+B+E)</i>	<i>G</i> <i>Approved Budget</i>	<i>H</i> <i>Estimated Under/Over (G-F)</i>
1. Direct Salary Costs	\$0	\$0	\$0	\$0	\$27,377	\$27,377	\$27,377	\$0
2. Indirect Costs %	\$0	\$0	\$0	\$0	\$31,484	\$31,484	\$31,484	\$0
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0	\$58,861	\$58,861	\$58,861	\$0
4. Travel	\$0	\$0	\$0	\$0	\$5,582	\$5,582	\$5,582	\$0
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0	\$9,202	\$9,202	\$9,202	\$0
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0	\$14,784	\$14,784	\$14,784	\$0
7. Subcontractors	\$0	\$0	\$0	\$0	\$143,477	\$143,477	\$143,477	\$0
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0	\$4,786	\$4,786	\$4,786	\$0
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0	\$221,907	\$221,907	\$221,907	\$0
9. Fixed Fee	\$0	\$0	\$0	\$0	\$6,828	\$6,828	\$6,828	\$0
10. Total Work Assignment Price	\$0	\$0	\$0	\$0	\$228,735	\$228,735	\$228,735	\$0

Project Manager: _____

Date: _____

Schedule 2.11 (g)

**Monthly Cost Control Report
Summary of Fiscal Information**

Engineer HRP Engineering P.C.
 Contract No. D006130
 Project Name Former Canada Dry, Endicott, NY
 Work Assignment No. 17
 Task #/Name Task 1 - Preliminary Activities
 Complete 0%

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 Date Prepared 11/8/10
 Billing Period _____
 Invoice No. _____
 CAP Application No. (PaymentNo.): _____

<i>Expenditure Category</i>	<i>A</i> <i>Costs Claimed This Period</i>	<i>B</i> <i>Paid to Date</i>	<i>C</i> <i>Total Disallowed to Date</i>	<i>D</i> <i>Total Costs Incurred to Date (A+B+C)</i>	<i>E</i> <i>Estimated Costs to Completion</i>	<i>F</i> <i>Estimated Total Work Assignment Price (A+B+E)</i>	<i>G</i> <i>Approved Budget</i>	<i>H</i> <i>Estimated Under/Over (G-F)</i>
1. Direct Salary Costs	\$0	\$0	\$0	\$0	\$2,145	\$2,145	\$2,145	\$0
2. Indirect Costs - %	\$0	\$0	\$0	\$0	\$2,467	\$2,467	\$2,467	\$0
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0	\$4,612	\$4,612	\$4,612	\$0
4. Travel	\$0	\$0	\$0	\$0	\$120	\$120	\$120	\$0
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0	\$43	\$43	\$43	\$0
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0	\$163	\$163	\$163	\$0
7. Subcontractors	\$0	\$0	\$0	\$0	\$1,156	\$1,156	\$1,156	\$0
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0	\$5,932	\$5,932	\$5,932	\$0
9. Fixed Fee	\$0	\$0	\$0	\$0	\$535	\$535	\$535	\$0
10. Total Work Assignment Price	\$0	\$0	\$0	\$0	\$6,467	\$6,467	\$6,467	\$0

Project Manager: _____

Date: _____

Schedule 2.11 (g)

**Monthly Cost Control Report
Summary of Fiscal Information**

Engineer HRP Engineering P.C.
 Contract No. D006130
 Project Name Former Canada Dry, Endicott, NY
 Work Assignment No. 17
 Task #/Name Task 2 - Onsite RI, Phase 1 - Passive Gas
 Complete 0%

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 CAP Application No. (PaymentNo.): _____

<i>Expenditure Category</i>	<i>A</i> <i>Costs Claimed This Period</i>	<i>B</i> <i>Paid to Date</i>	<i>C</i> <i>Total Disallowed to Date</i>	<i>D</i> <i>Total Costs Incurred to Date (A+B+C)</i>	<i>E</i> <i>Estimated Costs to Completion</i>	<i>F</i> <i>Estimated Total Work Assignment Price (A+B+E)</i>	<i>G</i> <i>Approved Budget</i>	<i>H</i> <i>Estimated Under/Over (G-F)</i>
1. Direct Salary Costs	\$0	\$0	\$0	\$0	\$1,289	\$1,289	\$1,289	\$0
2. Indirect Costs %	\$0	\$0	\$0	\$0	\$1,482	\$1,482	\$1,482	\$0
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0	\$2,771	\$2,771	\$2,771	\$0
4. Travel	\$0	\$0	\$0	\$0	\$416	\$416	\$416	\$0
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0	\$46	\$46	\$46	\$0
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0	\$462	\$462	\$462	\$0
7. Subcontractors	\$0	\$0	\$0	\$0	\$15,894	\$15,894	\$15,894	\$0
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0	\$19,126	\$19,126	\$19,126	\$0
9. Fixed Fee	\$0	\$0	\$0	\$0	\$321	\$321	\$321	\$0
10. Total Work Assignment Price	\$0	\$0	\$0	\$0	\$19,448	\$19,448	\$19,448	\$0

Project Manager: _____

Date: _____

Schedule 2.11 (g)

**Monthly Cost Control Report
Summary of Fiscal Information**

Engineer HRP Engineering P.C.
 Contract No. D006130
 Project Name Former Canada Dry, Endicott, NY
 Work Assignment No. 17
 Task #/Name Task 3 - On-site RI, Phase 1 - Soil and Groundwater Sampling
 Complete 0%

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 Date Prepared 11/8/10
 Billing Period _____
 Invoice No. _____
 CAP Application No. (PaymentNo.): _____

<i>Expenditure Category</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>
	<i>Costs Claimed This Period</i>	<i>Paid to Date</i>	<i>Total Disallowed to Date</i>	<i>Total Costs Incurred to Date (A+B+C)</i>	<i>Estimated Costs to Completion</i>	<i>Estimated Total Work Assignment Price (A+B+E)</i>	<i>Approved Budget</i>	<i>Estimated Under/Over (G-F)</i>
1. Direct Salary Costs	\$0	\$0	\$0	\$0	\$3,116	\$3,116	\$3,116	\$0
2. Indirect Costs %	\$0	\$0	\$0	\$0	\$3,583	\$3,583	\$3,583	\$0
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0	\$6,698	\$6,698	\$6,698	\$0
4. Travel	\$0	\$0	\$0	\$0	\$1,573	\$1,573	\$1,573	\$0
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0	\$1,947	\$1,947	\$1,947	\$0
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0	\$3,520	\$3,520	\$3,520	\$0
7. Subcontractors	\$0	\$0	\$0	\$0	\$41,639	\$41,639	\$41,639	\$0
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0	\$180	\$180	\$180	\$0
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0	\$52,038	\$52,038	\$52,038	\$0
9. Fixed Fee	\$0	\$0	\$0	\$0	\$777	\$777	\$777	\$0
10. Total Work Assignment Price	\$0	\$0	\$0	\$0	\$52,815	\$52,815	\$52,815	\$0

Project Manager: _____

Date: _____

Schedule 2.11 (g)

**Monthly Cost Control Report
Summary of Fiscal Information**

Engineer HRP Engineering P.C.
 Contract No. D006130
 Project Name Former Canada Dry, Endicott, NY
 Work Assignment No. 17
 Task #/Name Task 4 - RI, Phase 1, soil vapor
 Complete 0%

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 Invoice No. _____
 CAP Application No. (PaymentNo.): _____

<i>Expenditure Category</i>	<i>A</i> <i>Costs Claimed This Period</i>	<i>B</i> <i>Paid to Date</i>	<i>C</i> <i>Total Disallowed to Date</i>	<i>D</i> <i>Total Costs Incurred to Date (A+B+C)</i>	<i>E</i> <i>Estimated Costs to Completion</i>	<i>F</i> <i>Estimated Total Work Assignment Price (A+B+E)</i>	<i>G</i> <i>Approved Budget</i>	<i>H</i> <i>Estimated Under/Over (G-F)</i>
1. Direct Salary Costs	\$0	\$0	\$0	\$0	\$1,335	\$1,335	\$1,335	\$0
2. Indirect Costs %	\$0	\$0	\$0	\$0	\$1,536	\$1,536	\$1,536	\$0
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0	\$2,871	\$2,871	\$2,871	\$0
4. Travel	\$0	\$0	\$0	\$0	\$265	\$265	\$265	\$0
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0	\$221	\$221	\$221	\$0
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0	\$486	\$486	\$486	\$0
7. Subcontractors	\$0	\$0	\$0	\$0	\$1,428	\$1,428	\$1,428	\$0
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0	\$28	\$28	\$28	\$0
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0	\$4,813	\$4,813	\$4,813	\$0
9. Fixed Fee	\$0	\$0	\$0	\$0	\$333	\$333	\$333	\$0
10. Total Work Assignment Price	\$0	\$0	\$0	\$0	\$5,146	\$5,146	\$5,146	\$0

Project Manager: _____

Date: _____

Schedule 2.11 (g)

**Monthly Cost Control Report
Summary of Fiscal Information**

Engineer HRP Engineering P.C.
 Contract No. D006130
 Project Name Former Canada Dry, Endicott, NY
 Work Assignment No. 17
 Task #/Name Task 5 - RI, Phase 1 report
 Complete 0%

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 Date Prepared 2/16/09
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 CAP Application No. (PaymentNo.): _____

<i>Expenditure Category</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>
	<i>Costs Claimed This Period</i>	<i>Paid to Date</i>	<i>Total Disallowed to Date</i>	<i>Total Costs Incurred to Date (A+B+C)</i>	<i>Estimated Costs to Completion</i>	<i>Estimated Total Work Assignment Price (A+B+E)</i>	<i>Approved Budget</i>	<i>Estimated Under/Over (G-F)</i>
1. Direct Salary Costs	\$0	\$0	\$0	\$0	\$4,442	\$4,442	\$4,442	\$0
2. Indirect Costs %	\$0	\$0	\$0	\$0	\$5,108	\$5,108	\$5,108	\$0
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0	\$9,550	\$9,550	\$9,550	\$0
4. Travel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0	\$184	\$184	\$184	\$0
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0	\$184	\$184	\$184	\$0
7. Subcontractors	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0	\$9,734	\$9,734	\$9,734	\$0
9. Fixed Fee	\$0	\$0	\$0	\$0	\$1,108	\$1,108	\$1,108	\$0
10. Total Work Assignment Price	\$0	\$0	\$0	\$0	\$10,841	\$10,841	\$10,841	\$0

Project Manager: _____

Date: _____

Schedule 2.11 (g)

**Monthly Cost Control Report
Summary of Fiscal Information**

Engineer HRP Engineering P.C.
 Contract No. D006130
 Project Name Former Canada Dry, Endicott, NY
 Work Assignment No. 17
 Task #/Name Task 6 - RI, Off-site RI Phase 2 - Data review and Well sampling
 Complete 0%

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 Date Prepared 11/8/10
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 Invoice No. _____
 CAP Application No. (PaymentNo.): _____

<i>Expenditure Category</i>	<i>A</i> <i>Costs Claimed This Period</i>	<i>B</i> <i>Paid to Date</i>	<i>C</i> <i>Total Disallowed to Date</i>	<i>D</i> <i>Total Costs Incurred to Date (A+B+C)</i>	<i>E</i> <i>Estimated Costs to Completion</i>	<i>F</i> <i>Estimated Total Work Assignment Price (A+B+E)</i>	<i>G</i> <i>Approved Budget</i>	<i>H</i> <i>Estimated Under/Over (G-F)</i>
1. Direct Salary Costs	\$0	\$0	\$0	\$0	\$10,618	\$10,618	\$10,618	\$0
2. Indirect Costs %	\$0	\$0	\$0	\$0	\$12,211	\$12,211	\$12,211	\$0
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0	\$22,829	\$22,829	\$22,829	\$0
4. Travel	\$0	\$0	\$0	\$0	\$3,208	\$3,208	\$3,208	\$0
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0	\$6,596	\$6,596	\$6,596	\$0
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0	\$9,804	\$9,804	\$9,804	\$0
7. Subcontractors	\$0	\$0	\$0	\$0	\$83,360	\$83,360	\$83,360	\$0
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0	\$4,179	\$4,179	\$4,179	\$0
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0	\$120,172	\$120,172	\$120,172	\$0
9. Fixed Fee	\$0	\$0	\$0	\$0	\$2,648	\$2,648	\$2,648	\$0
10. Total Work Assignment Price	\$0	\$0	\$0	\$0	\$122,820	\$122,820	\$122,820	\$0

Project Manager: _____

Date: _____

Schedule 2.11 (g)

**Monthly Cost Control Report
Summary of Fiscal Information**

Engineer HRP Engineering P.C.
 Contract No. D006130
 Project Name Former Canada Dry, Endicott, NY
 Work Assignment No. 17
 Task #/Name Task 7 - remedial alternatives & FS
 Complete 0%

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 Date Prepared 2/16/09
 Billing Period _____
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 CAP Application No. (PaymentNo.): _____

<i>Expenditure Category</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>
	<i>Costs Claimed This Period</i>	<i>Paid to Date</i>	<i>Total Disallowed to Date</i>	<i>Total Costs Incurred to Date (A+B+C)</i>	<i>Estimated Costs to Completion</i>	<i>Estimated Total Work Assignment Price (A+B+E)</i>	<i>Approved Budget</i>	<i>Estimated Under/Over (G-F)</i>
1. Direct Salary Costs	\$0	\$0	\$0	\$0	\$4,432	\$4,432	\$4,432	\$0
2. Indirect Costs %	\$0	\$0	\$0	\$0	\$5,097	\$5,097	\$5,097	\$0
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0	\$9,529	\$9,529	\$9,529	\$0
4. Travel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0	\$185	\$185	\$185	\$0
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0	\$185	\$185	\$185	\$0
7. Subcontractors	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0	\$9,714	\$9,714	\$9,714	\$0
9. Fixed Fee	\$0	\$0	\$0	\$0	\$1,105	\$1,105	\$1,105	\$0
10. Total Work Assignment Price	\$0	\$0	\$0	\$0	\$10,820	\$10,820	\$10,820	\$0

Project Manager: _____

Date: _____

Schedule 2.11 (g) - Supplemental

Cost Control Report for Subcontracts

Engineer HRP Engineering P.C.
 Contract No. D006130
 Project Name Former Canada Dry, Endicott, NY
 Work Assignment No. 17

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 Date Prepared 11/8/10
 Billing Period _____
 Invoice No. _____
 CAP Application No. (PaymentNo.): _____

<i>Subcontract Name</i>	<i>A Subcontract Costs Claimed this Application Inc. Resubmittals</i>	<i>B Subcontract Costs Approved for Payment on Previous Applications</i>	<i>C Total Subcontract Costs to Date (A plus B)</i>	<i>D Subcontract Approved Budget</i>	<i>E Management Fee Budget</i>	<i>F Management Fee Paid</i>	<i>G Total Costs to Date (C plus F)</i>
1. Chemtech	\$0	\$0	\$0	\$37,260	\$2,196	\$0	\$0
2. EDS	\$0	\$0	\$0	\$2,562	\$128	\$0	\$0
3. GeoLogicNY	\$0	\$0	\$0	\$11,229	\$561	\$0	\$0
4. Columbia Analytical	\$0	\$0	\$0	\$870	\$0	\$0	\$0
5. Beacon Environmental	\$0	\$0	\$0	\$7,585	\$0	\$0	\$0
6. Microbial Insights	\$0	\$0	\$0	\$38,000	\$1,900	\$0	\$0
6. TBD	\$0	\$0	\$0	\$1,425	\$0	\$0	\$0
TOTALS	\$0	\$0	\$0	\$98,931	\$4,786	\$0	\$0

Project Manager: _____

Date: _____

Schedule 2.11(h)
Monthly Cost Control Report
Summary of Labor Hours

Number of Direct Labor Hours Expended to Date/Estimated Number of Direct Labor Hours to Completion

Engineer/Contract # HRP Engineering P.C. /D006130
 Project Name Former Canada Dry, Endicott, NY
 Work Assignment No. 17

Date Prepared _____
 Billing Period _____
 Invoice No. _____
 CAP Application No. (PaymentNo.): _____

<i>S</i>	<i>IX</i> <i>Exp/Est</i>	<i>VIII</i> <i>Exp/Est</i>	<i>VII</i> <i>Exp/Est</i>	<i>VI</i> <i>Exp/Est</i>	<i>V</i> <i>Exp/Est</i>	<i>IV</i> <i>Exp/Est</i>	<i>III</i> <i>Exp/Est</i>	<i>II</i> <i>Exp/Est</i>	<i>I</i> <i>Exp/Est</i>	<i>Admin.</i>	<i>Total No. of Direct Labor</i> <i>Hrs. Exp/Est</i>
Task 1	0 / 1	0 / 4	0 / 0	0 / 4	0 / 30	0 / 0	0 / 6	0 / 0	0 / 40	0 / 0	0 / 85
Task 2	0 / 0	0 / 1	0 / 0	0 / 2	0 / 38	0 / 0	0 / 0	0 / 0	0 / 4	0 / 0	0 / 45
Task 3	0 / 0	0 / 2	0 / 0	0 / 9	0 / 55	0 / 0	0 / 0	0 / 0	0 / 60	0 / 0	0 / 126
Task 4	0 / 0	0 / 1	0 / 0	0 / 2	0 / 24	0 / 0	0 / 0	0 / 0	0 / 28	0 / 0	0 / 55
Task 5	0 / 1	0 / 8	0 / 0	0 / 60	0 / 8	0 / 0	0 / 20	0 / 0	0 / 70	0 / 0	0 / 167
Task 6	0 / 0	0 / 8	0 / 0	0 / 20	0 / 168	0 / 0	0 / 80	0 / 0	0 / 148	0 / 0	0 / 424
Task 7	0 / 0	0 / 20	0 / 0	0 / 20	0 / 62	0 / 0	0 / 30	0 / 0	0 / 20	0 / 0	0 / 152
Total Hours	0 / 2	0 / 44	0 / 0	0 / 117	0 / 385	0 / 0	0 / 136	0 / 0	0 / 370	0 / 0	0 / 1054

* Expended/Estimated

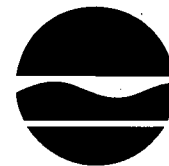
New York State Department of Environmental Conservation

Division of Environmental Remediation, 12th Floor

625 Broadway, Albany, New York 12233-7012

Phone: (518) 402-9764 • Fax: (518) 402-9722

Website: www.dec.ny.gov



Alexander B. Grannis
Commissioner

September 9, 2010

Mr. Jeffery Sotek, P.E.
HRP Associates, Inc
1 Fairchild Square
Clifton Park, NY 12065

RE: WA Issuance/Notice to Proceed

Dear Mr. Sotek:

The New York State Department of Environmental Conservation's Division of Environmental Remediation (DER) is issuing to your firm and authorizing your firm to proceed with the work assignment (WA) identified below and in the enclosed work plan template and/or costing tool report for the performance of a Remedial Investigation and Feasibility Study to define the potential on-site source of groundwater contamination

Please contact DER's Project Manager (PM) immediately to discuss the WA, including staffing, time critical work, and any site-specific concerns.

<i>Contract/WA No.:</i>	<u>D006130-17</u>
<i>Site/Spill No./PIN:</i>	<u>704050</u>
<i>Site/Spill Name:</i>	<u>Former Canada Dry Bottling Facility</u>
<i>Program Element:</i>	<u>RIFS</u>
<i>Est. Total WA Budget:</i>	<u>\$76,185</u>

<i>Project Manager:</i>	<u>Benjamin Rung</u>
<i>PM Phone No.:</i>	<u>(518) 402-9813</u>
<i>PM E-mail:</i>	<u>bwrung@gw.dec.state.ny.us</u>

<i>Contract Manager:</i>	<u>Patricia Kappeller</u>
<i>CM Phone No.:</i>	<u>(518) 402-9572</u>
<i>CM E-mail:</i>	<u>plkappel@gw.dec.state.ny.us</u>

<i>M/WBE Contact:</i>	<u>Juan Abadia</u>
<i>M/WBE Phone No.:</i>	<u>(518) 402-9311</u>
<i>M/WBE E-mail:</i>	<u>mbe@gw.dec.state.ny.us</u>

Please review your firm's relationship with the Potential Responsible Parties (PRPs) listed on the attachment to the enclosed Conflict of Interest Certification form. Complete the

form, accept or reject the WA, and return the form to the Contract Manager (CM) within **5 calendar days** of the date of this letter.

The Schedule 2.11s and M/WBE Utilization Plan for the WA must be completed and sent electronically in a single Adobe® PDF document to the CM within **21 calendar days** of the date of this letter. If multiple sites are included in the WA, Schedule 2.11s must be provided for each site and the total WA. The Schedule 2.11s must be in accordance with the executed standby contract. The Schedule 2.11s should identify areas of work requiring subcontracting and the certified M/WBE firms to be utilized, if known. If the M/WBE Utilization Plan for the WA does not meet the M/WBE goals set forth in the standby contract, an explanation must be provided at the time the M/WBE Utilization Plan is submitted. Standby subcontractors should be utilized to the extent practical. Project-specific subcontracts must be procured in accordance with the overall schedule (i.e., a reasonably estimated placeholder cost can be included for services not yet procured). The Schedule 2.11s should reflect the scope of work outlined in the Work Plan Template and/or Costing Tool Report. A cover letter accompanying the submittal of the Schedule 2.11s should include a brief justification of the budget supported by the Schedule 2.11s, the anticipated completion date(s) for the work, and the anticipated billings by State fiscal year. Additional justification should be included if work is proposed for multiple years. Adobe® PDFs are to be submitted in an electronic format that complies with DER's Electronic Document Standards.

If you have any questions regarding the WA's scope of work (work plan template), and/or budget (Schedule 2.11s), please contact the PM. Requests for reimbursement for the WA should not be submitted and will not be processed prior to the approval of the Schedule 2.11s.

If work is not initiated in a timely manner or the Schedule 2.11s are not approved by DER within **60 calendar days** of the date of this letter, the WA may be terminated and reimbursement will be limited to a negotiated amount based on work performed to date of termination.

Sincerely,



Michael J. Cruden, P.E.

Chief

Contracts and Payments Section

Bureau of Program Management

Division of Environmental Remediation

Attachments

ec: B, Rung
P. Kappeller
D. Desnoyers
S. Ervolina
D. Weigel
R. Knizek
W. Wertz
G. Townsend
D. Finlayson
T. Wolosen
M/WBE Unit

bec: M. Cruden
L. Lewis

**New York State Department of Environmental Conservation
Division of Environmental Remediation
Conflict of Interest Certification
for
Standby Contract Work Assignment**

I. Potential Responsive Parties

To the best of the New York State Department of Environmental Conservation's knowledge, the potential responsible parties (PRPs) listed on the attachment are the known PRPs as of the date of the work assignment issuance letter.

II. Conflict of Interest

Please check the appropriate box(es) below and provide any necessary explanations:

- ☐ The Contractor believes there are no potential organizational or personal conflicts of interest with the PRPs listed and is accepting the above referenced work assignment.
- ☐ The Contractor believes there are potential organizational and/or personal conflict(s) as indicated below:
- a) ☐ The Contractor believes the conflicts would not prohibit the Contractor from accepting the work assignment.
- b) ☐ The Contractor believes the conflicts would prohibit the Contractor from accepting the work assignment.

Please explain and include as an attachment what the organizational and/or personal conflicts may be. Please note that organizational and personal conflicts of interest issues that must be addressed are defined in Appendix B, Section III, Conflict of Interest, in the executed standby contract. Additional items to address include the estimated percentage and dollar value that the contractor's business with the PRP bears to the contractor's business as a whole and whether there are mechanisms in place that allow for adequate independent quality assurance such as Professional Engineer certifications, quality assurance/quality control of data, and independent periodic inspections of work.

III. Certification

The undersigned authorized representative for the contractor indicated below hereby certifies that the information provided in this form or as an attachment to this form is a accurate representation of the relevant facts or circumstances which would give rise to an organizational or personal conflict of interest as defined in Appendix B, Section III, Conflict of Interest, of the executed standby contract indicated below, except as disclosed herein.

Signature of Contractor's Authorized Representative

Date

Contractor Name

Please e-mail completed form to DEC Contract Manager within 5 calendar days of the date of the Work Assignment Issuance/Notice to Proceed Letter.

Potential Conflicts of Interest:

Thomas Kennedy Jr. (d.b.a.)
ICS Industries, Inc.
7 Badger Avenue
Endicott, NY 13760

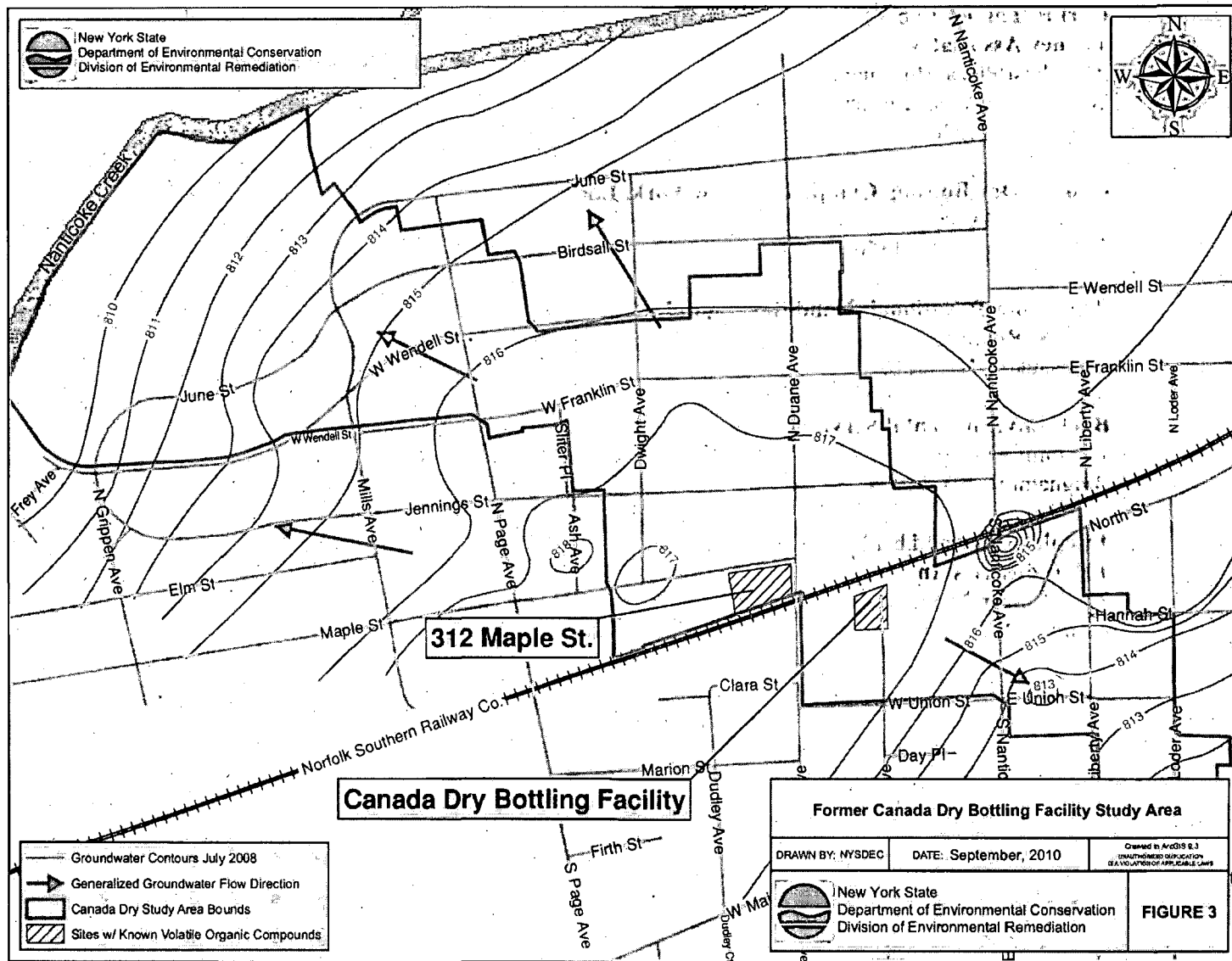
Carl E. Touhey (d.b.a.)
Touhey Associates
Pine West Plaza, Building 2
Washington Avenue Extension
Albany, NY 12205

Canada Dry Bottling Company of New York, L.P.
112-02 15th Avenue
College Point, NY 11356

Pepsi Cola & National Brand Beverages Ltd.
8191 N. Route 130
Pennsauken, NJ 08110

Buck Environmental Services
14 Smith Avenue
Binghamton, NY 13904

Joseph Barbara (d.b.a.)
J.B. Industries, Inc.
2 – 7 Badger Avenue
Endicott, NY 13760



New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau E, 12th Floor
625 Broadway, Albany, New York 12233-7017
Phone: (518) 402-9814 • Fax: (518) 402-9819
Website: www.dec.ny.gov



Alexander B. Grannis
Commissioner

**Work Assignment Issuance Request Memo for
Engineering Standby Contracts**

MEMORANDUM

TO: Michael Cruden, Chief, Contracts and Payments Section, DER

FROM: William Wertz through Robert Knizek *William E Wertz* *Robert Knizek*

SUBJECT: Work Assignment Issuance Request

DATE: SEP 8 2010

Site/Spill Name and Number, Location: Former Canada Dry Bottling Facility
Site No. 7-04-050, Village of Endicott, Broome County

Site/Spill Information: See attached copy of UIS report.

Conflict of Interest: See attached list.

Work Element: Remedial Investigation/Feasibility Study - On-site

Duration: 24 months

Estimated Budget: \$76,185.00

Funding Source: State Superfund

Brief Description of Scope of Work: The objective of this work assignment is to define the nature and extent of the potential on-site source of groundwater contamination associated with the former Canada Dry Bottling Facility site. This work assignment also includes funding for a feasibility study and remedial alternatives analysis should one be warranted. (See attached RI/FS cost summary.)

Attachments;

ec: D. Desnoyer
S. Ervolina
G. Townsend
B. Rung
K. Quinn
R. Knizek
W. Wertz

9/7/2010



**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION
Site Project Summary Report**



Site Code	704050	Site Name	Former Canada Dry Plant	
Classification	02	Address	2 and 7 Badger Avenue	
Region	7	City	Endicott	Zip 13670
Latitude	42.10	Town	Union	
Longitude	-76.07	County	Broome	Project Manager BwrunG
Site Type			Estimated Size	0.3000

Site Description

The Site, located at 2 and 7 Badger Ave., lies in a mixed commercial, industrial, and residential area in the Village of Endicott/Town of Union, Broome County. The Site encompasses the entire 2 Badger Ave. parcel and the north western corner of 7 Badger Avenue. The 2 Badger Ave. parcel has one building on it that is not currently occupied and in general disrepair. The portion of the 7 Badger Ave. parcel within the site boundary is paved and without structures. This listed portion of the 7 Badger Ave. property is where the air-sparge/vapor extraction system was run in the early 1990s. This system was run for approximately 18 months in the location of the dry-well on the north end of Badger Ave., suspected to be the contaminant source. Both 2 and 7 Badger Ave. were owned by the former Canada Dry Bottling Company and/or its successors. Currently 2 Badger Ave. is not used and vacant. The portion of 7 Badger Ave., which is not part of this listed site, is used as a recycling facility (paper and printer cartridges.)

This site was initially investigated in the early 1990s. Two drywells were excavated inside the building at 2 Badger Ave. Another excavation was completed immediately to the east of the building and a fourth excavation was completed off the NE corner of the building; this area is part of the 7 Badger Ave. parcel discussed above – at which the SVE/Air Sparge system was operated. A total of 4 USTs were removed from the site; two from within the footprint of the 7 Badger Ave. structure. Monitoring wells were installed and sampled. High levels of TCE were found in the groundwater which was found to be flowing both west-northwest and south-southeast within the bounds of the 2 and 7 Badger Ave. site.

The site was sampled again as part of the Endicott Area Wide Study (No.704038) in 2005 and 2006. High levels of TCE persisted in the groundwater and high levels of TCE were found in soil gas.

The down-gradient neighborhoods have been investigated to determine the extent of contamination. Three rounds of comprehensive groundwater sampling have been performed (~150 total locations in the first round and return to ~50 wells in the second and third) since the Area Wide Study. Extensive structure sampling has been performed over the past three heating season. The VI investigation continues in the upcoming heating season however, the Department in consultation with the DOH has determined the extent of the impacted area.

Contaminants of Concern (Including Materials Disposed)	Quantity Disposed
TRICHLOROETHENE (TCE)	UNKNOWN

Analytical Data Available for : Groundwater, Soil Vapor

Applicable Standards Exceeded for: Groundwater

Site Environmental Assessment

Data from both groundwater and soil gas sampling indicate actionable levels of TCE and other chlorinated VOCs. The highest concentrations were found in the northwest portion of the site. A plume has been delineated with a predominant WNW directionality with a component to the SE also. A groundwater divide exists on the site oriented NE to SW. This divide is influenced by the NYSDOT dewatering sump located at the Railroad underpass on N. Nanticoke Ave.

Site Health Assessment

Human exposures to contaminated soils and groundwater are not expected because building and pavement cover the site and public water serves the area. An investigation is in progress to evaluate and address the potential for soil vapor intrusion in nearby occupied structures. An investigation is proposed to delineate the extent of soil contamination both on and off-site.

Project Information

Operable Unit 02A IRM - Vapor Intrusion Investigation/Mitigation

	Agency	Bureau	Office	Manager	Funding Source			
Site Characterization								
Remedial Investigation								
Remedial Design								
Remedial Action	DEC	BURE	REM-B	BWRUNG	State Superfund			
OM & M								
	Start Date	Stat.	End Date	Stat.	Rev. Start Date	Stat.	Rev. End Date	Stat.
Site Characterization								
Remedial Investigation								
Remedial Design								
Remedial Action	01/14/2008	ACT	03/31/2015	PLN		XXX		XXX
OM & M								

Operable Unit 02 Off-site Remedial Investigation

	Agency	Bureau	Office	Manager	Funding Source			
Site Characterization								
Remedial Investigation	DEC	BURE	REM-B	BWRUNG	State Superfund			
Remedial Design								
Remedial Action								
OM & M								
	Start Date	Stat.	End Date	Stat.	Rev. Start Date	Stat.	Rev. End Date	Stat.
Site Characterization								

9/7/2010

Remedial Investigation	08/01/2007	ACT	03/31/2015	PLN	XXX	XXX
Remedial Design						
Remedial Action						
OM & M						

Operable Unit 01 On-site Remedial Investigation

	Agency	Bureau	Office	Manager	Funding Source
Site Characterization					
Remedial Investigation	DEC	BURE	REM-B	BWRUNG	State Superfund
Remedial Design					
Remedial Action					
OM & M					

	Start Date	Stat.	End Date	Stat.	Rev. Start Date	Stat.	Rev. End Date	Stat.
Site Characterization								
Remedial Investigation	01/14/2008	ACT	03/31/2015	PLN		XXX		XXX
Remedial Design								
Remedial Action								
OM & M								

SUMMARY OF COSTS

	Cost w/o Lab	Lab Cost	Total
Total Cost of RI/FS without Lab Cost:	\$70,291	\$5,894	\$76,185

SITE INFORMATION		Values
Site/Spill No. PIN:		704050
Site/Spill Name:		Canada Dry Bottling Facility
Distance to Site (Miles):		150
Site DEC Region:		7
Drilling Subcontractor Wage Schedule:		Non-Prevailing Wage
Additional Notes:		

CALCULATION OF AVERAGE HOURLY LABOR RATE		
Calculation of Current Weighted Average Hourly Rate		
Labor Category	Labor Distribution by	Current Hourly
IX	1 %	\$190
VIII	1 %	\$170
VII	3 %	\$145
VI	10 %	\$125
V	20 %	\$110
IV	16 %	\$95
III	14 %	\$80
II	25 %	\$65
I	10 %	\$55
Total	100 %	
Current Weighted Average Hourly Labor Rate		\$91
Assumed CPI Adjustment (%)		3

Year	Percentage of Work	Labor Rate Average (\$/hr)
Current	80 %	\$91
2	20 %	\$93
3	0 %	\$96
4	0 %	\$99
5	0 %	\$102
Total	100 %	
Project Term Weighted Average Hourly Labor Rate		\$91

WORK ELEMENT RI/FS

Task 1: Preliminary Activities		
Item	Values	Cost
File Review		\$2,734
One Trip to the Site		
Hours		\$0
Travel Expenses		\$0
One Trip to Albany for Scope Mgt.		
Hours		\$0
Travel Expenses		\$0
Develop Schedule 2.11's		\$1,927
Site Specific Project Requirements		\$385
Progress Schedule required?	No	\$0
Executive Summary Required for Repository?	Yes	\$1,367
Environmental Data Review (EDR) Report		\$0
Historical File Review		\$911
Subtotal		\$7,400

Task 2: RI Phase I
Total Cost of Task 2 - RI Phase I \$31,300

Site Preparation for Boring/Wells	
Item	Cost
Consultant	\$1,458
Subcontractor Mobilization/Demobilization	\$0
Subcontractor	\$0
Equipment	\$0
Travel	\$50
Subtotal	\$1,600
Notes UFPO mark-outs	
Survey	
Item	Cost
Survey	\$5,000
Travel	\$200
Subtotal	\$5,200
Notes Survey wells and structures, ties to previously performed off-site wells survey.	

Groundwater Sampling	
Well Installation	
Summary of Well Installation	Values
Total Augering Depth (ft)	150
Total Bedrock Drilling Depth (ft)	0
Total No. Well	6
Total Bedrock Drilling (ft)	0
Total Number of Drilling Days	3
Total Cost	\$8,200

Well Detail	
Item	Value
No. Wells	6
Well Depth (ft)	25
Into Bedrock?	No
Screen Detail	2" PVC Screen (Slotted)
Screen Length per Well (ft)	10
Riser Detail	2" PVC Threaded Joint
No. Split Spoon Samples per well	5
Rock Drilling/Coring Method	None
Depth to Bedrock (ft)	0
Augering Depth (ft)	25
Bedrock Drilling Depth (ft)	0

Well Completion	Locking Curb Box and Installation (each)
No. Drilling Days	3
Cost	\$8,200
Notes	10 wells were installed on site in the early '90s. Groundwater was encountered between 12' and 20' bgs. Borings were typically completed to 20' bgs. The existence/condition of these wells needs to be ascertained.

Well Development	
Item	Cost
Consultant	\$3,646
Equipment	\$150
Travel	\$200
Subtotal	\$4,000
Notes	If existing wells are present, redevelopment/assessment necessary.

Groundwater Sampling	
Item	Cost
Consultant	\$5,469
Equipment	\$250
Travel	\$250
Subtotal	\$6,200
Notes	Sample all wells existing and installed.

Oversight and Management	
Item	Cost
Subtotal	\$3,200
Notes	0

Other Drilling and Probe Costs				
Summary		Cost		
Total Cost of Other Drilling and Probe		\$900		
Other Drilling and Probe				
Equipment	Value	Unit Cost	Cost	
Direct Sensing Soil Conductivity System	No	\$1,127	\$0	
Concrete Coring Drill	No	\$202	\$0	
Explosimeter - Combustible Gas Indicator (\$40/day)	No	\$40	\$0	
PM10 aerosol monitor (\$60/day)	No	\$60	\$0	
Metal Detector (\$25/day)	Yes	\$25	\$75	
Noise Meter (\$25/day)	No	\$25	\$0	
Decon Pad	Mobile	\$242	\$727	
Travel			\$0	
No. Drilling and Probe Days	3			
Total Depth of Sampling Probes and Drillings (SSS, GW, SG) (ft)	0			
Cost of Mobilization and Demobilization		\$0		
Notes		0		

Sampling	
Item	Cost
Consultant	\$3,646
Equipment	\$150
Travel	\$200
Subtotal	\$4,000
Notes	
0	

Task 3: Phase II Remedial Investigation	
Total Cost of Task 3: RI Phase II	\$800

Other Drilling and Probe Costs	
Summary	Cost
Total Cost of Other Drilling and Probe	\$800

Other Drilling and Probe			
Equipment	Value	Unit Cost	Cost
Direct Sensing Soil Conductivity System	No	\$1,127	\$0
Concrete Coring Drill	No	\$202	\$0
Explosimeter - Combustible Gas Indicator (\$40/day)	No	\$40	\$0
PM10 aerosol monitor (\$60/day)	No	\$60	\$0
Metal Detector (\$25/day)	No	\$25	\$0
Noise Meter (\$25/day)	No	\$25	\$0
Decon Pad	Mobile	\$242	\$727
Total Depth of Sampling Probes (SSS, GW, SG) (ft)	0		
No. Drilling and Probe Days	3		
Cost of Mobilization and Demobilization			\$0
Travel			\$0
Subtotal		\$800	
Notes			
0			

Task 2 and 3 Lab Costs	
Lab Costs	\$5,894

Task 4: Detailed Analysis of Alternatives (and Phase F3) and Remedy Selection	
	Value
Approximate number of alternatives (including "No Action") will be evaluated	5
Remedial Alternatives will be developed for the groundwater medium	Yes
A full monitored natural attenuation evaluation, with modeling and groundwater sampling events, will be performed	Yes
Soil gas exposure routes will be addressed through an on-going vapor intrusion mitigation program	Yes
IRM Required (Specify)	Yes
Note:	None expected unless additional UST etc. encountered.
Operable Units (Specify)	No
Note:	0
	Cost
Feasibility Study Report	\$21,874
Public Meeting Assistance	\$1,823
Subtotal	\$23,697

