

UST-REIM-G-03-RGD-002-XXXXXX

**Reimbursement Guidance Document (RGD)-002
DRAFT**

Attachment I

Program Task: Over-Excavation Program Task # Task 1.1.a
 (Excavating, Stockpiling, and Backfilling)

Date	Description	Invoice	Number of Days	Maximum Cost Allowed / Day	Total Cost Allowed
	Personnel		1	\$ 2,959.00	\$ 2,959.00
	Equipment		1	\$ 3,150.00	\$ 3,150.00
Maximum Allowed Total Cost for Task 1.1.a					\$ 6,109.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Day
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	1	\$ 139.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	1	-
	Eng. **	Office / Onsite		\$ 104.00	10	\$ 1,040.00
	Geo. **	Office / Onsite		\$ 99.00	10	-
	Sr. Env. Spec. **	Office / Onsite		\$ 92.00	10	-
	Heavy Equipment Oper.	Onsite		\$ 64.00	10	\$ 640.00
	Heavy Equipment Oper.	Onsite		\$ 64.00	10	\$ 640.00
	General Laborer	Onsite		\$ 50.00	10	\$ 500.00
Maximum Allowed Personnel Cost for Task 1.1.a					Sub-Total	\$ 2,959.00

* Only one person from the job titles listed with an "**"
 ** Only one person from the job titles listed with an "****"

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Trackhoe - up to 50K lbs *		1		\$ 1,100.00	\$ 1,100.00
Backhoe *		1		\$ 550.00	\$ 550.00
Dump truck with driver (per hour) **		10		\$ 140.00	\$ 1,400.00
Level 2 Equipment/supplies/portable field instruments		1		\$ 100.00	\$ 100.00
Maximum Allowed Equipment Cost Per Day for Task 1.1.a					Sub-Total \$ 3,150.00

* If utilized 3 consecutive days or more, weekly rate applies. If utilized 2 consecutive weeks or more, 3 bids or quotes for monthly rate should be submitted for prior Division approval.

** No per-mile charges for dump truck, multiple trucks allowed if cost/time effective

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary)

If not stockpiling include disposal in this task (if stockpiling utilize 1.1.c)

Disposal	Invoice	Number of Tons	Cost per Ton	Total
Landfill - Contaminated soil disposal *			At Cost + 5%	
Landfarm - Contaminated soil disposal *			At Cost + 5%	

* aeration on subject property only considered if cost comparison indicates it may be a cost effective method for treatment, and only considered for gasoline only impacted soil. Must be approved prior to implementation.

Backfill	Invoice	Number of Tons	Cost per Ton	Total
Replacement backfill		1	At Cost + 10%	

Must be acquired/purchased locally whenever possible

For stockpiling soils:
 Straw bales and plastic sheeting shall be purchased as needed, receipts required

Program Task: Over-Excavation
 (Mobilization and Demobilization)

Program Task # Task 1.1.b

Equipment

Type of Equipment	Invoice	Number of Miles	Maximum		Mile	Total
			\$/mile	Miles		
Excavating equipment - Category 1 (if over \$500, then *)						At Cost
Excavating equipment - Category 2 (if over \$1,000, then *)						At Cost
Excavating equipment - Category 3 *						*

* 3 bids or quotes and prior Division approval required

Program Task: Over-Excavation Program Task # Task 1.1.c
 (Loading, Hauling, and Disposal of Contaminated Stockpile)

Per Event Costs

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 417.00	\$ 417.00
Maximum Allowed Project Management Total Cost for Task 1.1.c				\$	417.00

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	3	\$ 417.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	3	-
Maximum Allowed Personnel Cost for Task 1.1.c					Sub-Total	\$ 417.00

* Only one person from the job titles listed with an "**", PM time is per event/scope of work, not per day.

Other Costs

Date	Description	Invoice	Number of Days	Maximum Cost Allowed / Day	Total Cost Allowed
	Personnel		1	\$ 2,820.00	\$ 2,820.00
	Equipment		1	\$ 3,050.00	\$ 3,050.00
Maximum Allowed Total Cost for Task 1.1.c				\$	5,870.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Day
	Eng. *	Onsite		\$ 104.00	10	\$ 1,040.00
	Geo. *	Onsite		\$ 99.00	10	-
	Sr. Env. Spec. *	Onsite		\$ 92.00	10	-
	Heavy Equipment Oper.	Onsite		\$ 64.00	10	\$ 640.00
	Heavy Equipment Oper.	Onsite		\$ 64.00	10	\$ 640.00
	General Laborer	Onsite		\$ 50.00	10	\$ 500.00
Maximum Allowed Personnel Cost for Task 1.1.c					Sub-Total	\$ 2,820.00

* Only one person from the job titles listed with an "**"

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Trackhoe - up to 50K lbs *		1		\$ 1,100.00	\$ 1,100.00
Backhoe *		1		\$ 550.00	\$ 550.00
Dump truck with driver (per hour) **		10		\$ 140.00	\$ 1,400.00
Maximum Allowed Equipment Cost Per Day for Task 1.1.c				Sub-Total	\$ 3,050.00

* If utilized 3 consecutive days or more, weekly rate applies. If utilized 2 consecutive weeks or more, 3 bids or quotes for monthly rate should be submitted for prior Division approval.

** No per-mile charges for dump truck, multiple trucks allowed if cost/time effective

Disposal	Invoice	Number of Tons	Cost per Ton	Total
Landfill - Contaminated soil disposal			At Cost + 5%	
Landfarm - Contaminated soil disposal			At Cost + 5%	

* - aeration on subject property only considered if cost comparison indicates it may be a cost effective method for treatment, and only considered for gasoline only impacted soil

Program Task: Over-Excavation
Laboratory Services

Program Task # Task 1.1.d

Date	Description	Invoice	Number of Sample	Maximum Cost Allowed		Total Cost Allowed
	Analytical Cost (example)		1	\$ 86.00		\$ 86.00

Analysis

Analytical Method	Invoice	Number of Analysis	Maximum Cost Allowed / Analysis	Cost per Analysis	Total
Soil Samples					
Method 8260B - BTEXMN *			\$ 86.00		-
Method 8260B - BTEXMN* + EDB + EDC			\$ 136.00		-
TN EPH Method - Extractable Petroleum Hydrocarbons (EPH) **			\$ 85.00		-
Method 1311 - TCLP			\$ 479.00		-

* BTEXMN - benzene, toluene, ethylbenzene, total xylenes, MtBE, naphthalene

** EPH is only for in-situ soil, stockpiles samples should not be analyzed for EPH

Program Task: Over-Excavation
RESCINDED, included in task 1.1.a
(Replacement Backfill)

Program Task # Task 1.1.e

Program Task: Over-Excavation
(RESCINDED, included in Task 1.1.a)
(Backfilling)

Program Task # Task 1.1.f

Program Task: Removal GW/FP
 (Vacuum Truck)

Program Task # Task 1.2.a

Date	Description	Invoice	Number of Days	Maximum Cost Allowed / Day	Total Cost Allowed
	Personnel		1	\$ 1,179.00	\$ 1,179.00
	Equipment		1	\$ 2,000.00	\$ 2,000.00
Maximum Allowed Total Cost for Task 1.2.a					\$ 3,179.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Day
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	1	\$ 139.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	1	-
	Eng. **	Onsite		\$ 104.00	10	\$ 1,040.00
	Geo. **	Onsite		\$ 99.00	10	-
	Sr. Env. Spec. **	Onsite		\$ 92.00	10	-
Maximum Allowed Personnel Cost for Task 1.2.a					Sub-Total	\$ 1,179.00

* Only one person from the job titles listed with an "**"

** Only one person from the job titles listed with an "***"

Equipment Cost

Type of Equipment	Invoice	Number of Hours	Cost per Day	Maximum Cost Allowed / Hour	Total
Vacuum truck with driver *		10		\$ 200.00	\$ 2,000.00
Maximum Allowed Equipment Cost for Task 1.2.a				Sub-Total	\$ 2,000.00

* Operator and cleaning included in the hourly rate. Time allowed includes vacuuming time plus one hour to assemble/disassemble hoses and other components. The hourly rate should not be charged during mobilization / demobilization.

Program Task: Removal GW/FP
 (Mob/Demob of Vac Truck)

Program Task # Task 1.2.b

Equipment

Type of Equipment	Invoice	Number of Miles	Maximum		Mile	Total
			\$/mile	Miles		
Vacuum truck* (4 x IRS Business Standard Mileage Rate)				500		\$ -
Pump truck* (4 x IRS Business Standard Mileage Rate)				500		\$ -

* Either vacuum truck or pump truck, not both. The vacuum/pump truck hourly rate should not be charged during mobilization/demobilization.

Program Task: Groundwater/Free Product Removal
 (Inspecting/Sampling Recharge)

Program Task # Task 1.2.c

Date	Description	Invoice	Number of Days	Maximum Cost Allowed / Day	Total Cost Allowed
	Personnel		1	\$ 150.00	\$ 150.00
	Equipment		1	\$ 60.00	\$ 60.00
Maximum Allowed Total Cost for Task 1.2.c					\$ 210.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs
	Sr. Technician	Office / Onsite		\$ 75.00	2	\$ 150.00
Maximum Allowed Personnel Cost for Task 1.2.c					Sub-Total	\$ 150.00

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 1 Equipment/supplies/portable field instruments		1		\$ 50.00	\$ 50.00
Disposable bailer		1		\$ 10.00	\$ 10.00
Maximum Allowed Equipment Cost Per Day for Task 1.2.c				Sub-Total	\$ 60.00

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary)

Program Task: Groundwater/Free Product Removal
Laboratory Services

Program Task # Task 1.2.d

Analysis

Analytical Method	Invoice	Number of Analysis	Maximum Cost Allowed / Analysis	Cost per Analysis	Total
Water Samples					
Method 8260B - BTEXMN *		1	\$ 96.00		\$ 96.00
Method 8260B BTEXMN* + EDB & EDC			\$ 146.00		-
Method 8011 - EDB			\$ 86.00		-
Method 8310/8270C SIM - PAHs			\$ 150.00		-
Method 6010 Metals - Cd, Cr, Pb, Ag, Zn			\$ 125.00		-
Method 6010 Metals - total lead only			\$ 25.00		-

* BTEXMN - benzene, toluene, ethylbenzene, total xylenes, MtBE, naphthalene

Program Task: Groundwater/Free Product Removal
 (Disposal GW/FP)

Program Task # Task 1.2.e

Type of material to be disposed	Invoice	Number of Gallons	Maximum Cost		Cost per Gallon	Total
			\$/gallon	Total		
Contaminated groundwater			\$ 0.94	\$ -		\$ -
Free Product (FP) *			*	-		-

* 3 bids or quotes and prior Division approval required

Program Task: Soil Treatment - Aeration
RESCINDED
(Mobilization and Treatment Setup)

Program Task # Task 1.3.a.1

Program Task: Soil Treatment - Aeration
RESCINDED
(Tilling/Disking)

Program Task # Task 1.3.a.2

Program Task: Soil Treatment - Aeration
RESCINDED
(Inspecting/Maintaining Treatment Cell)

Program Task # Task 1.3.a.3

Program Task: Soil Treatment - Aeration
RESCINDED
(TGD - 009 sampling)

Program Task # Task 1.3.a.4

Program Task: Soil Treatment - Aeration
RESCINDED
(Laboratory Services)

Program Task # Task 1.3.a.5

Program Task: Hauling & Soil Disposal by Landfilling
RESCINDED, included in either 1.1.a or 1.1.c
(Scheduling)

Program Task # Task 1.3.b.1

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Program Task: Hauling & Soil Disposal by Landfilling
RESCINDED, included in either 1.1.a or 1.1.c
(Transportation - Dump Truck)

Program Task # Task 1.3.b.2

Program Task: Soil Disposal by Landfilling
RESCINDED, included in either 1.1.a or 1.1.c
(Disposal)

Program Task # Task 1.3.b.3

Program Task: Soil Disposal by Landfilling
RESCINDED, included in Task 8.1.a
(Drum Disposal)

Program Task # Task 1.3.b.4

Program Task: Hauling & Soil Disposal by Landfarming
RESCINDED, included in either 1.1.a or 1.1.c
(Scheduling)

Program Task # Task 1.3.c.1

Program Task: Hauling for Disposal by Landfarming
RESCINDED, included in either 1.1.a or 1.1.c
(Hauling)

Program Task # Task 1.3.c.2

Program Task: Soil Disposal by Landfarming
RESCINDED, included in either 1.1.a or 1.1.c
(Soil Disposal)

Program Task # Task 1.3.c.3

Program Task: TRBCA Closure Process
 (Scheduling Drilling)

Program Task # Task 1.4.a

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	3	\$ 417.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	3	-
Maximum Allowed Personnel Cost for Task 1.4.a						\$ 417.00

* Only one person from the job titles listed with an "*"

Program Task: TRBCA Closure Process
 (Supervision of Fieldwork)

Program Task # Task 1.4.b

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 1,179.00	\$ 1,179.00
	Equipment		1	\$ 100.00	\$ 100.00
Maximum Allowed Total Cost for Task 1.4.b					\$ 1,279.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Day
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	1	\$ 139.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	1	-
	Eng. **	Office / Onsite		\$ 104.00	10	\$ 1,040.00
	Geo. **	Office / Onsite		\$ 99.00	10	-
Maximum Allowed Personnel Cost for Task 1.4.b					Sub-Total	\$ 1,179.00

* Only one person from the job titles listed with an "*"

** Only one person from the job titles listed with an "**"

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 2 Equipment/supplies/portable field instruments		1		\$ 100.00	\$ 100.00
Maximum Allowed Equipment Cost Per Day for Task 1.4.b				Sub-Total	\$ 100.00

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary)

Program Task: TRBCA Closure Process
 (Mobilization and Demobilization)

Program Task # Task 1.4.c

Equipment

Type of Equipment	Invoice	Number of Miles	Maximum		Mile	Total
			\$/mile	Miles		
Auger / Air Rotary Type Drilling Rig * (9 x IRS Business Standard Mileage Rate)				500		\$ -

* Includes all equipment, drill rig, support vehicles, and crew. Limited to a single mobilization/demobilization.

Program Task: TRBCA Closure Process
 (Drilling)

Program Task # Task 1.4.d

Drilling Cost*

Description	Invoice	Quantity	Unit	Cost Per	Maximum Allowed per Unit	Total Cost Per
Auger / Air Rotary Drilling 2-inch Well(s) *			foot		\$ 83.00	\$ -
Auger/Air Rotary per ft reduction if sample not collected in applicable media for either soil sample collection or for logging purposes (- \$13.00 / ft)			foot		\$ (13.00)	\$ -

* All inclusive: no additional time, material or equipment.

Program Task: Drilling
Well Development (one well)

Program Task # Task 1.4.e

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 208.00	\$ 208.00
	Equipment		1	\$ 110.00	\$ 110.00
Maximum Allowed Total Cost for Task 1.4.e					\$ 318.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Eng. *	Onsite		\$ 104.00	2	\$ 208.00
	Geo. *	Onsite		\$ 99.00	2	-
	Sr. Env. Spec. *	Onsite		\$ 92.00	2	-
	Env. Spec *	Onsite		\$ 75.00	2	-
	Sr. Technician *	Onsite		\$ 75.00	2	-
Maximum Allowed Personnel Cost for Task 1.4.e					Sub-Total	\$ 208.00

* One technical staff member onsite from the job titles listed with an "**"

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Disposable bailer(s) - 1 per well		1		\$ 10.00	\$ 10.00
Level 2 Equipment/supplies/portable field instruments*		1		\$ 100.00	\$ 100.00
Maximum Allowed Equipment Cost Per Day for Task 1.4.e				Sub-Total	\$ 110.00

* All gauging shall be conducted utilizing a properly decontaminated oil/water interface probe

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary)

Program Task: TRBCA Closure Process
 (Groundwater Sampling)

Program Task # Task 1.4.f

Per Event Cost

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 417.00	\$ 417.00
Maximum Allowed Project Management Total				Cost for Task 1.4.f	\$ 417.00

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	3	\$ 417.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	3	-
Maximum Allowed Personnel					Sub-Total	\$ 417.00

* Only one person from the job titles listed with an "*" , PM time is per event/scope of work, not per well.

Daily Cost

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 150.00	\$ 150.00
	Equipment		1	\$ 70.00	\$ 70.00
Maximum Allowed Total				Cost for Task 1.4.f	\$ 220.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Sr. Technician - (max. per well = 2 hrs**)	Office / Onsite		\$ 75.00	2	\$ 150.00
Maximum Allowed Personnel					Sub-Total	\$ 150.00

** maximum of 2 hours per wells unless justification is provided and approved prior to field activities

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 1 Equipment/supplies/portable field instruments*		1		\$ 50.00	\$ 50.00
Disposable bailer(s) - 2 per well **		2		\$ 10.00	\$ 20.00
Maximum Allowed Equipment Cost Per Day for Task 1.4.f				Sub-Total	\$ 70.00

* All gauging shall be conducted utilizing a properly decontaminated oil/water interface probe, Level 1 is per day

** Only the number of bailers utilized should be included in reimbursement application

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary). The only additional charges allowed are 0.45 micron water filters when applicable.

Program Task: TRBCA Closure Process
Laboratory Services

Program Task # Task 1.4.g

Analysis

Analytical Method	Invoice	Number of Analysis	Maximum Cost Allowed / Analysis	Cost per Analysis	Total
Soil Samples					
Method 8260B - BTEXMN *			\$ 86.00		-
Method 8260B - BTEXMN* + EDB + EDC			\$ 136.00		-
Method 1311 - TCLP			\$ 479.00		-
Water Samples					
Method 8260B - BTEXMN *		1	\$ 96.00		\$ 96.00
Method 8260B BTEXMN* + EDB & EDC			\$ 146.00		-
Method 8011 - EDB			\$ 86.00		-
Method 8310/8270C SIM - PAHs			\$ 150.00		-
Method 6010 Metals - Cd, Cr, Pb, Ag, Zn			\$ 125.00		-
Method 6010 Metals - total lead only			\$ 25.00		-
Method 6010 - Fe and Mn			\$ 50.00		-

* BTEXMN - benzene, toluene, ethylbenzene, total xylenes, MtBE, naphthalene

Program Task: TRBCA Closure Process
 (Water Use and Karst Survey)

Program Task # Task 1.4.h

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	1	\$ 139.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	1	-
	Eng. **	Office / Onsite		\$ 104.00	10	\$ 1,040.00
	Geo. **	Office / Onsite		\$ 99.00	10	-
	Sr. Env. Spec. **	Office / Onsite		\$ 92.00	10	-
	Secretary	Office		\$ 43.00	3	\$ 129.00
Maximum Allowed Personnel Cost for Task 1.4.h						\$ 1,308.00

* One technical staff member onsite from the job titles listed with an "**"

** One technical staff member onsite from the job titles listed with an "***"

Program Task: TRBCA Closure Process
RESCINDED, included in Task 8.1.a
(Drum Disposal)

Program Task # Task 1.4.i

Program Task: TRBCA Closure Process
 (Landfill disposal of stockpiled soil from well installation)

Program Task # Task 1.4.j

Equipment

Type of material to be disposed	Invoice	Number of tons	Maximum Cost		Cost per Ton	Total
			/Ton	Total		
Soil *		1	\$ -	\$ -		\$ -

*cost plus 5%

Program Task: TRBCA Closure Process
RESCINDED, included in Task 8.1.a
(Drum Disposal)

Program Task # Task 1.4.k

Program Task: Interceptor/Recovery Trench Installation
 (Trench Design)

Program Task # Task 2.1.a

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	2	\$ 278.00
	Project Manager (Sr. Geo.) *	Office		\$ 128.00	2	-
	Eng. **	Office		\$ 104.00	4	\$ 416.00
	Geo. **	Office		\$ 99.00	4	-
	Sr. Env. Spec. **	Office		\$ 92.00	4	-
	CAD Operator	Office		\$ 63.00	2	\$ 126.00
	Secretary	Office		\$ 43.00	3	\$ 129.00
Maximum Allowed Personnel Cost for Task 2.1.a					Sub-Total	\$ 949.00

* Only one person from the job titles listed with an "*"

** Only one person from the job titles listed with an "**"

Program Task: Interceptor/Recovery Trench Installation
RESCINDED, included in task 2.1.c
(Mobilization and Demobilization)

Program Task # Task 2.1.b

Program Task: Interceptor/Recovery Trench
(Installation)

Program Task # Task 2.1.c

Maximum cost is equal to the cost of the bid and change orders if applicable, submitted to the Division and approved in writing.

Program Task: Interceptor Recovery Trench
RESCINDED, included in task 2.1.c
(Landfill Disposal)

Program Task # Task 2.1.d

Program Task: Interceptor/Recovery Trench Installation
RESCINDED, included in task 2.1.c.
(Backfill)

Program Task # Task 2.1.e

Program Task: Interceptor/Recovery Trench Installation
RESCINDED, included in task 2.1.c
(Asphalt Repair)

Program Task # Task 2.1.f

Program Task:	Program Task #
<u>Interceptor/Recovery Trench Installation</u> RESCINDED, included in task 2.1.c (Concrete Repair)	<u>Task 2.1.g</u>

Program Task: Interceptor/Recovery Trench Installation
RESCINDED, included in task 2.1.c
(Repair of Landscaping)

Program Task # Task 2.1.h

Program Task: Interceptor/Recovery Trench Installation
RESCINDED, included in task 2.1.c
(Backfilling)

Program Task # Task 2.1.i

Program Task: Removal GW/FP
 (Vacuum Truck)

Program Task # Task 2.2.a

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 750.00	\$ 750.00
	Equipment		1	\$ 2,000.00	\$ 2,000.00
Maximum Allowed Total Cost for Task 2.2.a					\$ 2,750.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs
	Sr. Technician	Onsite		\$ 75.00	10	\$ 750.00
Maximum Allowed Personnel Cost for Task 2.2.a					Sub-Total	\$ 750.00

Equipment Cost

Type of Equipment	Invoice	Number of Hours	Cost per Day	Maximum Cost Allowed / Hour	Total
Vacuum Truck with driver *		10		\$ 200.00	\$ 2,000.00
Maximum Allowed Equipment Cost for Task 2.2.a				Sub-Total	\$ 2,000.00

* Operator and cleaning included in the hourly rate. Time allowed includes vacuuming time plus one hour to assemble/disassemble hoses and other components. The hourly rate should not be charged during mobilization / demobilization.

Program Task: Removal GW/FP
 (Mobilization and Demobilization)

Program Task # Task 2.2.b

Equipment

Type of Equipment	Invoice	Number of Miles	Maximum		Mile	Total
			\$/mile	Miles		
Vacuum truck* (4 x IRS Business Standard Mileage Rate)				500.00		\$ -
Pump truck* (4 x IRS Business Standard Mileage Rate)				500.00		\$ -

* Either vacuum truck or pump truck, not both. The vacuum/pump truck hourly rate should not be charged during mobilization/demobilization.

Program Task: Removal GW/FP
 (Groundwater Sampling)

Program Task # Task 2.2.c

Date	Description	Invoice	Number of Days	Maximum Cost Allowed / Day	Total Cost Allowed
	Personnel		1	\$ 150.00	\$ 150.00
	Equipment		1	\$ 60.00	\$ 60.00
Maximum Allowed Total Cost for Task 2.2.c					\$ 210.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs
	Sr. Technician	Office / Onsite		\$ 75.00	2	\$ 150.00
Maximum Allowed Personnel Cost for Task 2.2.c					Sub-Total	\$ 150.00

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 1 Equipment/supplies/portable field instruments		1		\$ 50.00	\$ 50.00
Disposable bailer		1		\$ 10.00	\$ 10.00
Maximum Allowed Equipment Cost Per Day for Task 2.2.c				Sub-Total	\$ 60.00

Program Task: Removal GW/FP
Laboratory Services

Program Task # Task 2.2.d

Analysis

Analytical Method	Invoice	Number of Analysis	Maximum Cost Allowed / Analysis	Cost per Analysis	Total
Method 8260B - BTEXMN *		1	\$ 96.00		\$ 96.00
Method 8260B BTEXMN* + EDB & EDC			\$ 146.00		-
Method 8011 - EDB			\$ 86.00		-
Method 8310/8270C SIM - PAHs			\$ 150.00		-
Method 6010 Metals - Cd, Cr, Pb, Ag, Zn			\$ 125.00		-
Method 6010 Metals - total lead only			\$ 25.00		-

* BTEXMN - benzene, toluene, ethylbenzene, total xylenes, MtBE, naphthalene

Program Task: Removal GW/FP
 (Disposal)

Program Task # Task 2.2.e

Type of material to be disposed	Invoice	Number of Gallons	Maximum Cost		Cost per Gallon	Total
			\$/gallon	Total		
Contaminated groundwater			\$ 0.94	-		-
Free Product (FP) *			*	-		-

* 3 bids or quotes and prior Division approval required

Program Task: Removal GW/FP
RESCINDED
(POTW Permit)

Program Task # Task 2.2.f

Program Task: Removal GW/FP
RESCINDED
(POTW Sampling)

Program Task # Task 2.2.g

Program Task: Removal GW/FP
RESCINDED
(POTW Discharge)

Program Task # Task 2.2.h

Program Task: Removal GW/FP
 (Hand Bailing)

Program Task # Task 2.3.a

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 889.00	\$ 889.00
	Equipment		1	\$ 60.00	\$ 60.00
Maximum Allowed Total Cost for Task 2.3.a					\$ 949.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	1	\$ 139.00
	Project Manager (Sr. Geo.) *	Office		\$ 128.00	1	-
	Sr. Technician	Onsite		\$ 75.00	10	\$ 750.00
Maximum Allowed Personnel Cost for Task 2.3.a					Sub-Total	\$ 889.00

* Only one person from the job titles listed with an "**"

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 1 Equipment/supplies/portable field instruments*		1		\$ 50.00	\$ 50.00
Disposable bailer(s) - 1 per well		1		\$ 10.00	\$ 10.00
Maximum Allowed Equipment Cost Per Day for Task 2.3.a				Sub-Total	\$ 60.00

* All gauging shall be conducted utilizing a properly decontaminated oil/water interface probe, Level 1 is per day.

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary)

Program Task: Removal GW/FP
RESCINDED, included in Task 8.1.a
(Drum Disposal)

Program Task # Task 2.3.b

Program Task: MEME
 (Scheduling)

Program Task # Task 2.4.a

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	2	\$ 278.00
	Project Manager (Sr. Geo.) *	Office		\$ 128.00	2	-
Maximum Allowed Personnel Cost for Task 2.4.a						\$ 278.00

* Only one person from the job titles listed with an "*"

Program Task: MEME
 (Mobilization and Demobilization of MEME Truck)

Program Task # Task 2.4.b

Type of Equipment	Invoice	Number of Miles	Maximum		Mile	Total
			\$/mile	Miles		
Vacuum truck (4 x IRS Business Standard Mileage Rate)				500.00		\$ -

This rate is only applicable for a MEME Truck, trailer mounted dual-phase extraction units are not comparable to this task/rate.

Program Task: MEME
 (Field Supervision of 8 hr MEME)

Program Task # Task 2.4.c

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	MEME Personnel		1	\$ 1,179.00	\$ 1,179.00
	Equipment		1	\$ 100.00	\$ 100.00
Maximum Allowed Total Cost for Task 2.4.c					\$ 1,279.00

Personnel Cost - MEME

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	1	\$ 139.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	1	-
	Eng. **	Onsite		\$ 104.00	10	\$ 1,040.00
	Geo. **	Onsite		\$ 99.00	10	-
	Sr. Env. Spec.**	Onsite		\$ 92.00	10	-
	CAS Specialist**	Onsite		\$ 85.00	10	-
	Sr. Technician***	Onsite		\$ 75.00	10	-
Maximum Allowed Personnel Cost for Task 2.4.c					Sub-Total	\$ 1,179.00

* Only one person from the job titles listed with an "*"

Only one person onsite from the job titles listed with an "*" and required when MEME contractor does not collect vacuum reading and fluid measurements at the wells, equipment listed below are also applicable

***CAC personnel if MEME contractor collects all required readings and measurements

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 2 Equipment/supplies/portable field instruments*		1		\$ 100.00	\$ 100.00
Maximum Allowed Equipment Cost Per Day for Task 2.4.c				Sub-Total	\$ 100.00

* All gauging shall be conducted utilizing a properly decontaminated oil/water interface probe, Level 2 not applicable if MEME contractor collects vacuum reading and fluid measurements at the wells.

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary)

Program Task: MEME
(8-hr MEME) - Lump Sum

Program Task # Task 2.4.d

Maximum cost is equal to the cost of the bid plus 10%, and change orders if applicable, submitted to the Division and approved in writing. The bid shall be all inclusive, with a single lump sum rate for an 8-hr event including but not limited to, driver, truck, MEME specialist if applicable, equipment, MEME fittings, safety equipment, per diem, lodging, etc. by the MEME company.

Due to considerations of storage and transport of recoverable fluids, trailer mounted dual-phase extraction units are not comparable to a MEME truck for this task.

This task is not for CAC costs and if the RP and/or CAC conducts the MEME, then the 10% markup is not applicable.

Program Task: MEME
(24-hr MEME) - Lump Sum

Program Task # Task 2.4.e

Maximum cost is equal to the cost of the bid plus 10%, and change orders if applicable, submitted to the Division and approved in writing. The bid shall be all inclusive, with a single lump sum rate for a 24-hr event including but not limited to, driver, truck, MEME specialist if applicable, equipment, MEME fittings, adequate storage capacity, safety equipment, sample train supplies, per diem, lodging, etc. by the MEME company.

Due to considerations of storage and transport of recoverable fluids, trailer mounted dual-phase extraction units are not comparable to a MEME truck for this task.

This task is not for CAC costs and if the RP and/or CAC conducts the MEME, then the 10% markup is not applicable.

The Federal Motor Carrier Safety Administration (FMCSA) mandates that commercial motor vehicle (CMV) drivers adhere to strict Hours of Service (HOS) rules. One additional personnel may be approved by the Division for 24-hour manned events.

Program Task: MEME
 (Disposal GW/FP)

Program Task # Task 2.4.f

Type of material to be disposed	Invoice	Number of Gal	Maximum Cost		Cost per Gallon	Total
			\$/Gallon	Total		
Contaminated groundwater			\$ 0.94	\$ -		\$ -
Free product (FP) *			*	-		-

* 3 bids or quotes and prior Division approval required

Program Task: MEME
 (FP Assessment after 8 hr or 24 MEME)

Program Task # Task 2.4.g

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 347.00	\$ 347.00
	Equipment		1	\$ 110.00	\$ 110.00
Maximum Allowed Total Cost for Task 2.4.g					\$ 457.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Day
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	1	\$ 139.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	1	-
	Eng. **	Onsite		\$ 104.00	2	\$ 208.00
	Geo. **	Onsite		\$ 99.00	2	-
	Sr. Env. Spec.**	Onsite		\$ 92.00	2	-
	CAS Specialist**	Onsite		\$ 85.00	2	-
	Sr. Technician***	Onsite		\$ 75.00	2	-
Maximum Allowed Personnel Cost for Task 2.4.g					Sub-Total	\$ 347.00

* Only one person from the job titles listed with an "*"

Only one person onsite from the job titles listed with an "" and required when MEME contractor does not collect vacuum reading and fluid measurements at the wells, equipment listed below are also applicable.

***CAC personnel if MEME contractor collects all required readings and measurements.

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 2 Equipment/supplies/portable field instruments*		1		\$ 100.00	\$ 100.00
Disposable bailer(s) - 1 per well		1		\$ 10.00	\$ 10.00
Maximum Allowed Equipment Cost Per Day for Task 2.4.g				Sub-Total	\$ 110.00

* Only applicable if conducted on a different date and after the MEME event, all gauging shall be conducted utilizing a properly decontaminated oil/water interface probe.

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary). Should only be proposed in the MEME application if site conditions, number of wells and thickness of free product, warrant more time than that allowed for the 8-hour or 24 hour event. This can also be proposed for a different date than the MEME event.

Program Task: Sampling (MEME)
Laboratory Services

Program Task # Task 2.4.h

Date	Description	Invoice	Number of Sample	Maximum Cost Allowed	Total Cost Allowed
	Analytical Cost (example)		1	\$ 96.00	\$ 96.00

Analysis

Analytical Method	Invoice	Number of Analysis	Maximum Cost Allowed / Analysis	Cost per Analysis	Total
Method 8260B - BTEXMN *		1	\$ 96.00		\$ 96.00

* BTEXMN - benzene, toluene, ethylbenzene, total xylenes, MtBE, naphthalene

Program Task: MEME
 (Field Supervision of 24 hr MEME)

Program Task # Task 2.4.i

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	MEME Personnel		1	\$ 2,488.00	\$ 2,488.00
	Equipment		1	\$ 100.00	\$ 100.00
Maximum Allowed Total Cost for Task 2.4.i					\$ 2,588.00

Personnel Cost - MEME

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	2	\$ 278.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	2	-
	Eng. **	Onsite		\$ 104.00	26	-
	Geo. **	Onsite		\$ 99.00	26	-
	Sr. Env. Spec.**	Onsite		\$ 92.00	26	-
	CAS Specialist**	Onsite		\$ 85.00	26	\$ 2,210.00
	Sr. Technician***	Onsite		\$ 75.00	26	-
Maximum Allowed Personnel Cost for Task 2.4.i					Sub-Total	\$ 2,488.00

* Only one person from the job titles listed with an "*"

Only one person onsite from the job titles at a time listed with an "" and required when MEME contractor does not collect vacuum reading and fluid measurements at the wells, equipment listed below are also applicable. Any combination of staff, up to a maximum of 3, to provide oversight for the 26 hours, preference is CAS Specialists but not required.

***CAC personnel if MEME contractor collects all required readings and measurements, allowed 26 hours

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 2 Equipment/supplies/portable field instruments*		1		\$ 100.00	\$ 100.00
Maximum Allowed Equipment Cost Per Day for Task 2.4.i				Sub-Total	\$ 100.00

* All gauging shall be conducted utilizing an oil/water interface probe, Level 2 not applicable if MEME contractor collects vacuum reading and fluid measurements at the wells.

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary)

Program Task: FP Recovery - Surface Water
(Installation, Inspection, and Replacement of Booms/Pads)

Program Task # Task 2.5.a

Maximum cost is equal to the cost of the bid, and change orders if applicable, submitted to the Division and approved in writing.

Program Task: FP Recovery - Surface Water
Rescinded, included in task 2.5.a
(Boom Inspection and Replacement)

Program Task # Task 2.5.b

Program Task: FP Recovery - Surface Water
RESCINDED
(Drummed)

Program Task # Task 2.5.c

Program Task: FP Recovery - Surface Water
RESCINDED, included in Task 8.1.a
(Drum Disposal)

Program Task # Task 2.5.d

Program Task: FP Recovery - Surface Water
(Passive Skimmer for Surface Water)

Program Task # Task 2.5.e

Maximum cost is equal to the cost of the bid, and change orders if applicable, submitted to the Division and approved in writing.

Program Task: FP Recovery - Surface Water
RESINDED, included in 2.5.e
(Installation of Passive Skimmer)

Program Task # Task 2.5.f

Program Task: FP Recovery - Surface Water
RESCINDED, included in 2.5.e
(Servicing Passive Skimmer)

Program Task # Task 2.5.g

Program Task: Continuous FP Removal
(Passive Skimmer for Monitoring Well(s))

Program Task # Task 2.6.a

Maximum cost is equal to the cost of the bid, and change orders if applicable, submitted to the Division and approved in writing.

Program Task: Continuous FP Removal
RESCINDED, Included in 2.6.a
(Installation of Passive Skimmer)

Program Task # Task 2.6.b

Program Task: Continuous FP Removal
RESCINDED, Included in 2.6.a
(Servicing Passive Skimmer)

Program Task # Task 2.6.c

Program Task: Impacted Drinking Water Management
Temporary Response Activities

Program Task # Task 2.7.a

Maximum cost is equal to the cost of the bid, and change orders if applicable, submitted to the Division and approved in writing.

Program Task: Impacted Drinking Water Management
Permanent Response Activities

Program Task # Task 2.7.b

Maximum cost is equal to the cost of the bid, and change orders if applicable, submitted to the Division and approved in writing.

Program Task: Petroleum Vapor Impact Management
Temporary Response Activities

Program Task # Task 2.8.a

Maximum cost is equal to the cost of the bid, and change orders if applicable, submitted to the Division and approved in writing.

Program Task: Petroleum Vapor Impact Management
Permanent Response Activities

Program Task # Task 2.8.b

Maximum cost is equal to the cost of the bid (Task 6.6.c), and change orders if applicable, submitted to the Division and approved in writing.

Program Task: Corrective Action
 (Permit/Utility Service)

Program Task # Task 2.8.c

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	1	\$ 139.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	1	-
	Eng. **	Office		\$ 104.00	2	\$ 208.00
	Geo. **	Office		\$ 99.00	2	-
	Sr. Env. Spec. **	Office		\$ 92.00	2	-
Maximum Allowed Personnel Cost for Task 2.8.c						\$ 347.00

* Only one person from the job titles listed with an "*"

** Only one person from the job titles listed with an "**"

Program Task: Project Management
 (Initial Project Setup)

Program Task # Task 3.1.a

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	2	\$ 278.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	2	-
	Eng. **	Office		\$ 104.00	4	\$ 416.00
	Geo. **	Office		\$ 99.00	4	-
	Sr. Env. Spec. **	Office		\$ 92.00	4	-
	Secretary	Office		\$ 43.00	3	\$ 129.00
Maximum Allowed Personnel Cost for Task 3.1.a						\$ 823.00

* Only one person from the job titles listed with an "*"
 ** Only one person from the job titles listed with an "**"

Program Task: Project Management
 (Site Reconnaissance)

Program Task # Task 3.1.b

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	1	\$ 139.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	1	-
	Eng. **	Office / Onsite		\$ 104.00	10	\$ 1,040.00
	Geo. **	Office / Onsite		\$ 99.00	10	-
	Sr. Env. Spec. **	Office / Onsite		\$ 92.00	10	-
	Secretary	Office		\$ 43.00	1	\$ 43.00
Maximum Allowed Personnel Cost for Task 3.1.b						\$ 1,222.00

* Only one person from the job titles listed with an "*"

** Only one person from the job titles listed with an "**"

Program Task: Project Management
 (Offsite Access / Grant of Access)

Program Task # Task 3.1.c

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	1	\$ 139.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	1	
	Eng. **	Office / Onsite		\$ 104.00	4	\$ 416.00
	Geo. **	Office / Onsite		\$ 99.00	4	-
	Sr. Env. Spec. **	Office / Onsite		\$ 92.00	4	-
Maximum Allowed Personnel Cost for Task 3.1.c						\$ 555.00

* Only one person from the job titles listed with an "*"
 ** Only one person from the job titles listed with an "**"

Program Task: Corrective Action
 (Pre-CAP Meeting)

Program Task # Task 3.1.d

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	8	\$ 1,112.00
	Project Manager (Sr. Geo.) *	Office		\$ 128.00	8	-
	Eng. **	Office / Onsite		\$ 104.00	8	\$ 832.00
	Geo. **	Office / Onsite		\$ 99.00	8	-
	Sr. Env. Spec. **	Office / Onsite		\$ 92.00	8	-
Maximum Allowed Personnel Cost for Task 3.1.d						\$ 1,944.00

* Only one person from the job titles listed with an "*"

** Only one person from the job titles listed with an "**"

Program Task: System Test
 (Cost)

Program Task # Task 3.2.a

Equipment

Type of System Test	Invoice	Number of Tests	Maximum Cost		Cost per Test	Total
			/Test	Total		
Line Tightness Test			\$ -	\$ -		
Tank Tightness Test						
Hydrostatic Test						

System tightness testing for routine system compliance is not reimbursable.

Program Task: Fund Deductible Compliance Inspection
 (Cost)

Program Task # Task 3.2.b

Personal

Name	Job Title	Location	Hour	Cost Allowed	Hours	Costs	Total
	Secretary	Office		\$43.00	1	\$ 43.00	
	General Labor	Onsite		\$50.00	4	\$ 200.00	
Maximum Allowed Personnel Cost for Task 3.2.b						\$ 243.00	

Program Task: Drilling
 (Scheduling Drilling)

Program Task # Task 3.3.a

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	3	\$ 417.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	3	-
Maximum Allowed Personnel Cost for Task 3.3.a						\$ 417.00

* Only one person from the job titles listed with an "*"

Program Task: Drilling
 (Mobilization and Demobilization)

Program Task # Task 3.3.b

Equipment

Type of Equipment	Invoice	Number of Miles	Maximum		Mile	Total
			\$/mile	Miles		
Direct push unit (4.5 x IRS Business Standard Mileage Rate)				500.00		\$ -
Auger / Air Rotary Type Drilling Rig (9 x IRS Business Standard Mileage Rate)				500.00		\$ -

Program Task: Drilling
 (Supervision of Field Work)

Program Task # Task 3.3.c

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 1,179.00	\$ 1,179.00
	Equipment		1	\$ 100.00	\$ 100.00
Maximum Allowed Total Cost for Task 3.3.c					\$ 1,279.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Day
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	1	\$ 139.00
	Project Manager (Sr. Geo.) *	Office		\$ 128.00	1	-
	Eng. **	Onsite		\$ 104.00	10	\$ 1,040.00
	Geo. **	Onsite		\$ 99.00	10	-
Maximum Allowed Personnel Cost for Task 3.3.c					Sub-Total	\$ 1,179.00

* Only one person from the job titles listed with an "*"

** Only one person from the job titles listed with an "**"

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 2 Equipment/supplies/portable field instruments		1		\$ 100.00	\$ 100.00
Maximum Allowed Equipment Cost Per Day for Task 3.3.c				Sub-Total	\$ 100.00

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary)

Program Task: Drilling
 (Drilling Cost)

Program Task # Task 3.3.d

Description	Invoice	Quantity	Unit	Cost Per Unit	Max. Allowed Per	Total Cost Per
Auger / Air Rotary type drilling 2-inch wells *			per foot		\$ 83.00	\$ -
Auger / Air Rotary type drilling 4-inch wells *			per foot		\$ 93.00	\$ -
Auger/Air Rotary per ft reduction if sample not collected in applicable media for either soil sample collection or for logging purposes (-\$13.00 / ft)			per foot		\$ (13.00)	
Double cased well - 6-inch wells **			per foot		**	
Double cased well - 8-inch wells **			per foot		**	
Direct Push Unit 2-inch wells ***			per foot		\$ 45.00	\$ -
Direct Push Unit borings advancement only ***			per foot		\$ 35.00	\$ -

- * minimum charge of \$3,500 per event/scope of work
- ** 3 bids or quotes and prior Division approval required
- *** minimum charge of \$3,000 per event/scope of work

Program Task: Drilling
Well Development

Program Task # Task 3.3.e

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 1,040.00	\$ 1,040.00
	Equipment		1	\$ 110.00	\$ 110.00
Maximum Allowed Total Cost for Task 3.3.e					\$ 1,150.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Eng. *	Onsite		\$ 104.00	10	\$ 1,040.00
	Geo. *	Onsite		\$ 99.00	10	-
	Sr. Env. Spec. *	Onsite		\$ 92.00	10	-
	Env. Spec *	Onsite		\$ 75.00	10	-
	Sr. Technician *	Onsite		\$ 75.00	10	-
Maximum Allowed Personnel Cost for Task 3.3.e					Sub-Total	\$ 1,040.00

* One technical staff member onsite from the job titles listed with an "**", 2 hours per well unless prior approval obtained

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Disposable bailer(s) - 1 per well		1		\$ 10.00	\$ 10.00
Level 2 Equipment/supplies/portable field instruments*		1		\$ 100.00	\$ 100.00
Maximum Allowed Equipment Cost Per Day for Task 3.3.e				Sub-Total	\$ 110.00

* All gauging shall be conducted utilizing a properly decontaminated oil/water interface probe, Level 2 is per day.

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary)

Program Task: Drilling
RESCINDED, included in Task 8.1.a
(Drum Disposal)

Program Task # Task 3.3.f

Program Task: Sampling
 (Groundwater)

Program Task # Task 3.4.a

Per Event Cost

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 417.00	\$ 417.00
Maximum Allowed Project Management Total Cost for Task 3.4.a					\$ 417.00

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng) - max. per event	Office		\$ 139.00	3	\$ 417.00
	Project Manager (Sr. Geo. / Other)	Office		\$ 128.00	3	-
Maximum Allowed Personnel Cost for Task 3.4.a					Sub-Total	\$ 417.00

* Only one person from the job titles listed with an "**", PM time is per event/scope of work, not per well.

Daily Cost

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 750.00	\$ 750.00
	Equipment		1	\$ 70.00	\$ 70.00
Maximum Allowed Total Cost for Task 3.4.a					\$ 820.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Sr. Technician - (max. per well = 2 hrs**)	Office / Onsite		\$ 75.00	10	\$ 750.00
Maximum Allowed Personnel Cost for Task 3.4.a					Sub-Total	\$ 750.00

** maximum of 2 hours per well unless justification is provided and approved prior to field activities.

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 1 Equipment/supplies/portable field instruments*		1		\$ 50.00	\$ 50.00
Disposable bailer(s) - 2 per well **		2		\$ 10.00	\$ 20.00
Maximum Allowed Equipment Cost Per Day for Task 3.4.a				Sub-Total	\$ 70.00

* All gauging shall be conducted utilizing a properly decontaminated oil/water interface probe, Level 1 is per day.

** Only the number of bailers utilized should be included in reimbursement application.

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary). The only additional charges allowed are 0.45 micron water filters when applicable.

Program Task: Sampling
 (Water Supply Well)

Program Task # Task 3.4.b

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 150.00	\$ 150.00
	Equipment		1	\$ 50.00	\$ 50.00
Maximum Allowed Total Cost for Task 3.4.b					\$ 200.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Sr. Technician	Onsite		\$ 75.00	2	\$ 150.00
Maximum Allowed Personnel Cost for Task 3.4.b					Sub-Total	\$ 150.00

* maximum of 2 hours per sample point unless prior approval obtained, a portion of the time shall be utilized to make contact with the owner(s)/tenant(s) prior to the event

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 1 Equipment/supplies/portable field instruments*		1		\$ 50.00	\$ 50.00
Maximum Allowed Equipment Cost Per Day for Task 3.4.b				Sub-Total	\$ 50.00

* If conducted the same day as other sampling, no equipment/supplies/portable field instruments should be included for this task.

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary)

Program Task: Sampling
 (Surface Water)

Program Task # Task 3.4.c

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 150.00	\$ 150.00
	Equipment		1	\$ 50.00	\$ 50.00
Maximum Allowed Total Cost for Task 3.4.c					\$ 200.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Sr. Technician	Onsite		\$ 75.00	2	\$ 150.00
Maximum Allowed Personnel Cost for Task 3.4.c					Sub-Total	\$ 150.00

* maximum of 2 hours per sample point unless prior approval obtained

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 1 Equipment/supplies/portable field instruments*		1		\$ 50.00	\$ 50.00
Maximum Allowed Equipment Cost Per Day for Task 3.4.c				Sub-Total	\$ 50.00

* If conducted the same day as other sampling, no equipment/supplies/portable field instruments should be included for this task.

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary)

Reimbursement Guidance Document (RGD)-002

Program Task: Sampling
(Soil - Not Associated w/Drilling)

Program Task # Task 3.4.d

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 889.00	\$ 889.00
	Equipment		1	\$ 100.00	\$ 100.00
Maximum Allowed Total Cost for Task 3.4.d					\$ 989.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	1	\$ 139.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	1	-
	Sr. Technician	Onsite		\$ 75.00	10	\$ 750.00
Maximum Allowed Personnel Cost for Task 3.4.d					Sub-Total	\$ 889.00

* Only one person from the job titles listed with an "*" Time is maximum allowed per day

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 2 Equipment/supplies/portable field instruments *		1		\$ 100.00	\$ 100.00
Maximum Allowed Equipment Cost Per Day for Task 3.4.d				Sub-Total	\$ 100.00

* If conducted the same day as other sampling, no equipment/supplies/portable field instruments should be included for this task.

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary)

Program Task: Sampling
Laboratory Services

Program Task # Task 3.4.e

Analysis

Analytical Method	Invoice	Number of Analysis	Maximum Cost Allowed / Analysis	Cost per Analysis	Total
Soil Samples					
Method 8260B - BTEXMN *			\$ 86.00		-
Method 8260B - BTEXMN* + EDB + EDC			\$ 136.00		-
TN EPH Method - Extractable Petroleum Hydrocarbons (EPH)			\$ 85.00		-
Method 1311 - TCLP			\$ 479.00		-
Water Samples					
Method 8260B - BTEXMN *		1	\$ 96.00		\$ 96.00
Method 8260B BTEXMN* + EDB & EDC			\$ 146.00		-
Method 8011 - EDB			\$ 86.00		-
Method 8310/8270C SIM - PAHs			\$ 150.00		-
Method 6010 Metals - Cd, Cr, Pb, Ag, Zn			\$ 125.00		-
Method 6010 Metals - total lead only			\$ 25.00		-
Method 6010 - Fe and Mn			\$ 50.00		-

* BTEXMN - benzene, toluene, ethylbenzene, total xylenes, MtBE, naphthalene

Program Task: Sampling
RESCINDED, included in Task 8.1.a
(Drum Disposal)

Program Task # Task 3.4.f

Program Task: Sampling
 (30-day Static groundwater Levels)

Program Task # Task 3.4.g

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 225.00	\$ 225.00
	Equipment		1	\$ 50.00	\$ 50.00
Maximum Allowed Total Cost for Task 3.4.g					\$ 275.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs
	Sr. Technician *	Onsite		\$ 75.00	3	\$ 225.00
Maximum Allowed Personnel Cost for Task 3.4.g					Sub-Total	\$ 225.00

* In the event more than 12 wells will be gauged, then 15 minutes per well can be added to the 3 hours.

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 1 Equipment/supplies/portable field instruments*		1		\$ 50.00	\$ 50.00
Maximum Allowed Equipment Cost Per Day for Task 3.4.g				Sub-Total	\$ 50.00

* All gauging shall be conducted utilizing an properly decontaminated oil/water interface probe, Level 1 is per day.

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary

Program Task: Receptor and Water Use Survey
 (Receptor Survey)

Program Task # Task 3.5.a

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs
	Eng. *	Office / Onsite		\$ 104.00	3	\$ 312.00
	Geo. *	Office / Onsite		\$ 99.00	3	-
	Sr. Env. Spec.*	Office / Onsite		\$ 92.00	3	-
	Secretary	Office		\$ 43.00	3	\$ 129.00
Maximum Allowed Personnel Cost for Task 3.5.a						\$ 441.00

* Only one person from the job titles listed with an "*"

Program Task: Receptor and Water Use Survey
 (Water Use and Karst Survey)

Program Task # Task 3.5.b

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Eng. *	Office / Onsite		\$ 104.00	10	\$ 1,040.00
	Geo. *	Office / Onsite		\$ 99.00	10	-
	Sr. Env. Spec.*	Office / Onsite		\$ 92.00	10	-
	Secretary	Office		\$ 43.00	3	\$ 129.00
Maximum Allowed Personnel Cost for Task 3.5.b						\$ 1,169.00

* Only one person from the job titles listed with an "*"

Program Task: Site Survey
 (Survey by Licensed Professional Surveyor) - **Lump Sum**

Program Task # Task 3.6.a

Initial Four (4) Wells

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 1,096.00	\$ 1,096.00
	Equipment			\$ 150.00	\$ 150.00
(LUMP SUM) Maximum Allowed Total Cost for Task 3.6.a					\$ 1,246.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs
	Project Manager	Office		\$ 139.00	1	\$ 139.00
	Surveyor	Onsite		\$ 99.00	6	\$ 594.00
	General Laborer	Onsite		\$ 50.00	6	\$ 300.00
	CAD Operator	Office		\$ 63.00	1	\$ 63.00
Maximum Allowed Personnel Cost for Task 3.6.a					Sub-Total	\$ 1,096.00

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Survey station and equipment		1		\$ 150.00	\$ 150.00
Maximum Allowed Equipment Cost Per Day for Task 3.6.a				Sub-Total	\$ 150.00

Each Additional Well

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Surveyor	Onsite		\$ 99.00	\$ 99.00
	General Laborer	Onsite		\$ 50.00	\$ 50.00
	CAD Operator	Office		\$ 63.00	\$ 63.00
(LUMP SUM) Maximum Allowed Personnel Cost for Task 3.6.a					\$ 212.00

Program Task: Vapor Monitoring

Program Task # Task 3.7.a

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 150.00	\$ 150.00
	Equipment			\$ 50.00	\$ 50.00
Maximum Allowed Total Cost for Task 3.7.a					\$ 200.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs
	Sr. Technician	Onsite		\$ 75.00	2	\$ 150.00
Maximum Allowed Personnel Cost for Task 3.7.a					Sub-Total	\$ 150.00

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 1 Equipment/supplies/portable field instruments*		1		\$ 50.00	\$ 50.00
Maximum Allowed Equipment Cost Per Day for Task 3.7.a				Sub-Total	\$ 50.00

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary)

Program Task: Soil Gas Survey
 (Scheduling with Direct Push Technology)

Program Task # Task 3.8.a.1

Personnel Cost

Name	Job Title	Invoice	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	3	\$ 417.00
	Project Manager (Sr. Geo.) *	Office		\$ 128.00	3	-
Maximum Allowed Personnel Cost for Task 3.8.a.1						\$ 417.00

* Only one person from the job titles listed with an "*"

Program Task: Soil Gas Survey
 (Mobilization and Demobilization)

Program Task # Task 3.8.a.2

Type of Equipment	Invoice	Number of Miles	Maximum		Mile	Total
			\$/mile	Miles		
Direct push unit (4.5 x IRS Business Standard Mileage Rate)				500.00		\$ -

Program Task: Soil Gas Survey
 (Supervision of Field Work) ≤4 sample pts

Program Task # Task 3.8.a.3

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 728.00	\$ 728.00
	Equipment		1	\$ 1,188.00	\$ 1,188.00
Maximum Allowed Total Cost for Task 3.4.d					\$ 1,916.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Eng. **	Offsite		\$ 104.00	2	\$208.00
	Geo. **	Offsite		\$ 99.00	2	-
	Sr. Env. Spec. **	Offsite		\$ 92.00	2	-
	Eng. **	Onsite		\$ 104.00	5	\$520.00
	Geo. **	Onsite		\$ 99.00	5	-
	Sr. Env. Spec. **	Onsite		\$ 92.00	5	-
Maximum Allowed Personnel Cost for Task 3.4.d					Sub-Total	\$728.00

** Only one person from the job titles listed with an "**"

Time is maximum allowed per day

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 1 Equipment/supplies/portable field instruments*		1		\$ 50.00	\$ 50.00
Sample train - Nylon		4	\$37.00	\$ 148.00	\$ 148.00
SUMMA canister*		6	\$76.00	\$ 456.00	\$ 456.00
Air flow regulator*		6	\$89.00	\$ 534.00	\$ 534.00
Maximum Allowed Equipment Cost Per Day for Task 3.4.d				Sub-Total	\$ 1,188.00

*Allows for 2 spare SUMMA canisters and 2 spare air flow regulators

Program Task: Soil Gas Survey

Program Task # Task 3.8.a.4

(Supervision of Field Work - ≥5 sample points)

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 1,352.00	\$ 1,352.00
	Equipment		1	\$ 1,188.00	\$ 1,188.00
Maximum Allowed Total Cost for Task 3.4.d					\$ 2,540.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Eng. **	Office		\$ 104.00	3	\$ 312.00
	Geo. **	Office		\$ 99.00	3	-
	Sr. Env. Spec. **	Office		\$ 92.00	3	-
	Eng. **	Onsite		\$ 104.00	10	\$1,040.00
	Geo. **	Onsite		\$ 99.00	10	-
	Sr. Env. Spec. **	Onsite		\$ 92.00	10	-
Maximum Allowed Personnel Cost for Task 3.4.d					Sub-Total	\$ 1,352.00

** Only one person from the job titles listed with an "**"

Time is maximum allowed per day

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 1 Equipment/supplies/portable field instruments*		1		\$ 50.00	\$ 50.00
Sample train - Nylon		8	\$37.00	\$ 148.00	\$ 148.00
SUMMA canister*		10	\$76.00	\$ 456.00	\$ 456.00
Air flow regulator*		10	\$89.00	\$ 534.00	\$ 534.00
Maximum Allowed Equipment Cost Per Day for Task 3.4.d				Sub-Total	\$ 1,188.00

Program Task: Soil Gas Survey
 (Cost for Drilling w/Direct Push)-Half Day

Program Task # Task 3.8.a.5

Description	Invoice	Quantity	Unit	Cost Per Unit	Max. Allowed Per	Total Cost Per
Direct Push Unit borings advancement only ***			per foot		\$ 35.00	\$ -
Expendable Soil Gas probe points		4		\$ 27.50	\$ 110.00	\$ 110.00
Bentonite (50 lb bag)		1		\$ 19.00	\$ 19.00	\$ 19.00
Minimum Allowed Total Cost for Task 3.8.a.5						\$ 3,119.00

*** minimum charge of \$3,000 per event/scope of work

Program Task: Soil Gas Survey

Program Task # Task 3.8.a.6

(Cost for Drilling w/Direct Push)-Full Day

Description	Invoice	Quantity	Unit	Cost Per Unit	Max. Allowed Per	Total Cost Per
Direct Push Unit borings advancement only ***			per foot		\$ 35.00	\$ -
Expendable Soil Gas probe points		8		\$ 27.50	\$ 220.00	\$ 220.00
Bentonite (50 lb bag)		1		\$ 19.00	\$ 19.00	\$ 19.00
Minimum Allowed Total Cost for Task 3.8.a.6						\$ 3,239.00

*** minimum charge of \$3,000 per event/scope of work

Program Task: Soil Gas Survey
Laboratory Services

Program Task # Task 3.8.a.7

Date	Description	Invoice	Number of Sample	Maximum Cost Allowed	Total Cost Allowed
	Analytical Cost (example)		1	\$ 295.00	\$ 295.00

Analysis

Analytical Method	Invoice	Number of Analysis	Maximum Cost Allowed / Analysis	Cost per Analysis	Total
Air Samples					
Method TO-015 - BTEXMN*, Isopropyl Alcohol		1	\$ 295.00		-
Method ASTM 1945/1946/ D5314 or EPA Method 3C (Percent O ₂ and CO ₂)			\$ 110.00		-

* BTEXMN - benzene, toluene, ethylbenzene, total xylenes, MtBE, naphthalene

Program Task: Soil Gas Survey
 (Scheduling with Hammer Drill)

Program Task # Task 3.8.b.1

Personnel Cost

Name	Job Title	Invoice	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	3	\$ 417.00
	Project Manager (Sr. Geo.) *	Office		\$ 128.00	3	-
Maximum Allowed Personnel Cost for Task 3.8.b.1						\$ 417.00

* Only one person from the job titles listed with an "*"

Program Task: Soil Gas Survey
 (Field Work w/Hammer Drill or Slide Hammer - ≤4 sample pts)

Program Task # Task 3.8.b.2

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 1,028.00	\$ 1,028.00
	Equipment		1	\$ 1,731.00	\$ 1,731.00
Maximum Allowed Total Cost for Task 3.4.d					\$ 2,759.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Eng. **	Office		\$ 104.00	3	\$ 312.00
	Geo. **	Office		\$ 99.00	3	-
	Sr. Env. Spec. **	Office		\$ 92.00	3	-
	Eng. **	Onsite		\$ 104.00	4	\$416.00
	Geo. **	Onsite		\$ 99.00	4	-
	Sr. Env. Spec. **	Onsite		\$ 92.00	4	-
	Sr. Technician	Onsite		\$ 75.00	4	\$ 300.00
Maximum Allowed Personnel Cost for Task 3.4.d					Sub-Total	\$ 1,028.00

** Only one person from the job titles listed with an "**"

Time is maximum allowed per day

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 1 Equipment/supplies/portable field instruments*		1		\$ 50.00	\$ 50.00
Sample train - Nylon		4	\$37.00	\$ 148.00	\$ 148.00
Slide hammer kit		1	\$168.00	\$ 168.00	\$ 168.00
Hammer drill kit		1	\$246.00	\$ 246.00	\$ 246.00
Expendable Soil Gas probe points		4	\$27.50	\$ 110.00	\$ 110.00
SUMMA canister*		6	\$76.00	\$ 456.00	\$ 456.00
Air flow regulator*		6	\$89.00	\$ 534.00	\$ 534.00
Bentonite (50 lb bag)		1	\$19.00	\$ 19.00	\$ 19.00
Maximum Allowed Equipment Cost Per Day for Task 3.4.d				Sub-Total	\$ 1,731.00

*Allows for 2 spare SUMMA canisters and 2 spare air flow regulators

Program Task: Soil Gas Survey

Program Task # Task 3.8.b.3

(Field Work w/Hammer Drill or Slide Hammer - ≥25 sample points)

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 1,952.00	\$ 1,952.00
	Equipment		1	\$ 2,649.00	\$ 2,649.00
Maximum Allowed Total Cost for Task 3.4.d					\$ 4,601.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Eng. **	Office		\$ 104.00	5	\$ 520.00
	Geo. **	Office		\$ 99.00	5	-
	Sr. Env. Spec. **	Office		\$ 92.00	5	-
	Eng. **	Onsite		\$ 104.00	8	\$832.00
	Geo. **	Onsite		\$ 99.00	8	-
	Sr. Env. Spec. **	Onsite		\$ 92.00	8	-
	Sr. Technician	Onsite		\$ 75.00	8	\$ 600.00
Maximum Allowed Personnel Cost for Task 3.4.d					Sub-Total	\$ 1,952.00

** Only one person from the job titles listed with an "**"

Time is maximum allowed per day

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 1 Equipment/supplies/portable field instruments*		1		\$ 50.00	\$ 50.00
Sample train - Nylon		8	\$37.00	\$ 296.00	\$ 296.00
Slide hammer kit		1	\$168.00	\$ 168.00	\$ 168.00
Hammer drill kit		1	\$246.00	\$ 246.00	\$ 246.00
Expendable Soil Gas probe points		8	\$27.50	\$ 220.00	\$ 220.00
SUMMA canister*		10	\$76.00	\$ 760.00	\$ 760.00
Air flow regulator*		10	\$89.00	\$ 890.00	\$ 890.00
Bentonite (50 lb bag)		1	\$19.00	\$ 19.00	\$ 19.00
Maximum Allowed Equipment Cost Per Day for Task 3.4.d				Sub-Total	\$ 2,649.00

*Allows for 2 spare SUMMA canisters and 2 spare air flow regulators

Program Task: Soil Gas Survey
 (Laboratory Services)

Program Task # Task 3.8.b.4

Date	Description	Invoice	Number of Sample	Maximum Cost Allowed	Total Cost Allowed
	Analytical Cost (example)		1	\$ 295.00	\$ 295.00

Analysis

Analytical Method	Invoice	Number of Analysis	Maximum Cost Allowed / Analysis	Cost per Analysis	Total
Air Samples					
Method TO-015 - BTEXMN, Isopropyl Alcohol		1	\$ 295.00		-
Method ASTM 1945/1946/ D5314 or EPA Method 3C (Percent O ₂ and CO ₂)			\$ 110.00		-

* BTEXMN - benzene, toluene, ethylbenzene, total xylenes, MtBE, naphthalene

Program Task: Advanced Site Characterization Technologies
 (Scheduling)

Program Task # Task 3.9.a.1

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	3	\$ 417.00
	Project Manager (Sr. Geo.) *	Office		\$ 128.00	3	-
Maximum Allowed Personnel Cost for Task 3.9.a.1					Sub-Total	\$ 417.00

* Only one person from the job titles listed with an "*"

The 3.9.a series must be required and/or approved by the Division project manager in advance

Program Task: Advanced Site Characterization Technologies Program Task # Task 3.9.a.2
(Private Utility Location)

Maximum cost is equal to the cost of the approved bid*, and change orders if applicable plus 10% markup, submitted to the Division and approved in writing.

* 3 bids are required and the lowest bid is to be chosen unless approved by the Division in writing.

Only one private utility location marking is allowed per release case unless approved by the Division in writing.

The 3.9.a series must be required and/or approved by the Division project manager in advance

Program Task: Advanced Site Characterization Technologies
RESCINDED, included in task 3.9.a.5
(Drilling Mobilization and Demobilization)

Program Task # Task 3.9.a.3

Program Task: Advanced Site Characterization Technologies
RESCINDED, included in task 3.9.a.6
(Drilling Cost)

Program Task # Task 3.9.a.4

Program Task: Advanced Site Characterization Technologies Program Task # Task 3.9.a.5
(Mobilization and Demobilization)

Maximum cost is equal to the cost of the bid, and change orders if applicable, submitted to the Division and approved in writing. No markup will be reimbursed for this task.

The 3.9.a series must be required and/or approved by the Division project manager in advance

Program Task: Advanced Site Characterization Technologies
(Conduct Advanced Site Characterization Technologies)

Program Task # Task 3.9.a.6

Maximum cost is equal to the cost of the bid, and change orders if applicable, plus a 5% markup, submitted to the Division and approved in writing.

The 3.9.a series must be required and/or approved by the Division project manager in advance

Reimbursement Guidance Document (RGD)-002

Program Task: Advanced Site Characterization Technologies
 (Supervision of Field Work)

Program Task # Task 3.9.a.7

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 1,179.00	\$ 1,179.00
Maximum Allowed Total Cost for Task 3.9.a.7					\$ 1,179.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	1	\$ 139.00
	Project Manager (Sr. Geo.) *	Office		\$ 128.00	1	-
	Eng. **	Onsite		\$ 104.00	10	\$ 1,040.00
	Geo. **	Onsite		\$ 99.00	10	-
Maximum Allowed Personnel Cost for Task 3.9.a.7					Sub-Total	\$ 1,179.00

* Only one person from the job titles listed with an "*"

** Only one person from the job titles listed with an "**"

The 3.9.a series must be required and/or approved by the Division project manager in advance

Reimbursement Guidance Document (RGD)-002

Program Task: Advanced Site Characterization Technologies
 (Drilling/sampling - Supervision)

Program Task # Task 3.9.a.8

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 1,179.00	\$ 1,179.00
	Equipment		1	\$ 100.00	\$ 100.00
Maximum Allowed Total Cost for Task 3.9.a.8					\$ 1,279.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Day
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	1	\$ 139.00
	Project Manager (Sr. Geo.) *	Office		\$ 128.00	1	-
	Eng. **	Onsite		\$ 104.00	10	\$ 1,040.00
	Geo. **	Onsite		\$ 99.00	10	-
Maximum Allowed Personnel Cost for Task 3.9.a.8					Sub-Total	\$ 1,179.00

* Only one person from the job titles listed with an "*"

** Only one person from the job titles listed with an "**"

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 2 Equipment/supplies/portable field instruments		1		\$ 100.00	\$ 100.00
Maximum Allowed Equipment Cost Per Day for Task 3.9.a.8				Sub-Total	\$ 100.00

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary). The 3.9.a series must be required and/or approved by the Division project manager in advance.

Program Task: Advanced Site Characterization Technologies
Well Development

Program Task # Task 3.9.a.9

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 1,040.00	\$ 1,040.00
	Equipment		1	\$ 110.00	\$ 110.00
Maximum Allowed Total Cost for Task 3.9.a.9					\$ 1,150.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Eng. *	Onsite		\$ 104.00	10	\$ 1,040.00
	Geo. *	Onsite		\$ 99.00	10	-
	Sr. Env. Spec. *	Onsite		\$ 92.00	10	-
	Env. Spec *	Onsite		\$ 75.00	10	-
	Sr. Technician *	Onsite		\$ 75.00	10	-
Maximum Allowed Personnel Cost for Task 3.9.a.9					Sub-Total	\$ 1,040.00

* One technical staff member onsite from the job titles listed with an "*", 2 hours per well unless prior approval obtained

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Disposable bailer(s) - 1 per well		1		\$ 10.00	\$ 10.00
Level 2 Equipment/supplies/portable field instruments*		1		\$ 100.00	\$ 100.00
Maximum Allowed Equipment Cost Per Day for Task 3.9.a.9				Sub-Total	\$ 110.00

* All gauging shall be conducted utilizing a properly decontaminated oil/water interface probe, Level 2 is per day.

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary). The 3.9.a series must be required and/or approved by the Division project manager in advance.

Program Task: Advanced Site Characterization Technologies
 (Groundwater Sampling)

Program Task # Task 3.9.a.10

Per Event Cost

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 417.00	\$ 417.00
Maximum Allowed Project Management Total Cost for Task 3.9.a.10					\$ 417.00

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng) *	Office		\$ 139.00	3	\$ 417.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	3	-
Maximum Allowed Personnel Cost for Task 3.9.a.10					Sub-Total	\$ 417.00

* Only one person from the job titles listed with an "**", PM time is per event/scope of work, not per well.

Daily Cost

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 750.00	\$ 750.00
	Equipment		1	\$ 70.00	\$ 70.00
Maximum Allowed Total Cost for Task 3.9.a.10					\$ 820.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Sr. Technician - (max. per well = 2 hrs**)	Office / Onsite		\$ 75.00	10	\$ 750.00
Maximum Allowed Personnel Cost for Task 3.9.a.10					Sub-Total	\$ 750.00

** maximum of 2 hours per wells unless justification is provided and approved prior to field activities

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 1 Equipment/supplies/portable field instruments*		1		\$ 50.00	\$ 50.00
Disposable bailer(s) - 2 per well **		2		\$ 10.00	\$ 20.00
Maximum Allowed Equipment Cost Per Day for Task 3.9.a.10				Sub-Total	\$ 70.00

* All gauging shall be conducted utilizing a properly decontaminated oil/water interface probe, Level 1 is per day

** Only the number of bailers utilized should be included in reimbursement application

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary). The only additional charges allowed are 0.45 micron water filters when applicable.

The 3.9.a series must be required and/or approved by the Division project manager in advance.

Program Task: Advanced Site Characterization Technologies
 Laboratory Services

Program Task # 3.9.a.11

Date	Description	Invoice	Number of Sample	Maximum Cost Allowed	Total Cost Allowed
	Analytical Cost (example)		1	\$ 96.00	\$ 96.00

Analysis

Analytical Method	Invoice	Number of Analysis	Maximum Cost Allowed / Analysis	Cost per Analysis	Total
Soil Samples					
Method 8260B - BTEXMN *			\$ 86.00		-
Method 8260B - BTEXMN* + EDB + EDC			\$ 136.00		-
Method 1311 - TCLP			\$ 479.00		-
Water Samples					
Method 8260B - BTEXMN *		1	\$ 96.00		\$ 96.00
Method 8260B BTEXMN* + EDB & EDC			\$ 146.00		-
Method 8011 - EDB			\$ 86.00		-
Method 8310/8270C SIM - PAHs			\$ 150.00		-
Method 6010 Metals - Cd, Cr, Pb, Ag, Zn			\$ 125.00		-
Method 6010 Metals - total lead only			\$ 25.00		-

* BTEXMN - benzene, toluene, ethylbenzene, total xylenes, MtBE, naphthalene

Program Task: Advanced Site Characterization Technologies
RESCINDED, included in Task 8.1.a
(Drum Disposal)

Program Task # Task 3.9.a.12

Program Task: Risk Reduction Implementation
(Implementation Cost)

Program Task # Task 4.1.a

Maximum cost is equal to the cost of the proposal and any modifications made by the Division, and change orders if applicable, submitted to the Division and approved in writing.

Program Task: Disconnect Water Supply Well
(Cost)

Program Task # Task 4.1.b

Maximum cost is equal to the cost of the bid and change orders if applicable, submitted to the Division and approved in writing.

Program Task: Well Abandonment - Private Water Supply Well
 (Supervision of Abandonment)

Program Task # Task 4.1.c

Personnel

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Eng. *	Office/Onsite		\$ 104.00	10	\$ 1,040.00
	Geo. *	Office/Onsite		\$ 99.00	10	-
Maximum Allowed Personnel Cost for Task 4.1.c						\$ 1,040.00

* Only one person from the job titles listed with an "*"

Program Task: Well Abandonment - Private Water Supply
(Cost)

Program Task # Task 4.1.d

Maximum cost is equal to the cost of the proposal and any modifications made by the Division, and change orders if applicable, submitted to the Division and approved in writing.

Program Task: Institutional Controls
(Cost)

Program Task # Task 4.2.a

Maximum cost is equal to the cost of the bid, and change orders if applicable, submitted to the Division and approved in writing.

Program Task: Engineering Controls
(Cost)

Program Task # Task 4.3.a

Maximum cost is equal to the cost of the bid, plus 5% markup and change orders if applicable, submitted to the Division and approved in writing.

Program Task: Corrective Action
 (CA Public Notice)

Program Task # Task 4.4.a.1

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 147.00	\$ 147.00
	Cost of Advertisement*			At Cost	-
	Postage*			At Cost	-
Maximum Allowed Total Cost for Task 4.4.a.1					\$ 147.00

*At cost (no markup)

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Eng. *	Office		\$ 104.00	1	\$ 104.00
	Geo. *	Office		\$ 99.00	1	-
	Sr. Env. Spec. *	Office		\$ 92.00	1	-
	Secretary	Office		\$ 43.00	1	\$ 43.00
Maximum Allowed Personnel Cost for Task 4.4.a.1					Sub-Total	\$ 147.00

* Only one person from the job titles listed with an "*"

Program Task: Corrective Action
 (CA Permit Utility Service)

Program Task # Task 4.4.a.2

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 251.00	\$ 251.00
Maximum Allowed Total Cost for Task 4.4.a.2					\$ 251.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Eng. *	Office		\$ 104.00	2	\$ 208.00
	Geo. *	Office		\$ 99.00	2	-
	Sr. Env. Spec. *	Office		\$ 92.00	2	
	Secretary	Office		\$ 43.00	1	\$ 43.00
Maximum Allowed Personnel Cost for Task 4.4.a.2					Sub-Total	\$ 251.00

* Only one person from the job titles listed with an "*"

Program Task: Corrective Action
(Oversight of CAS Delivery)

Program Task # Task 4.4.a.3

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 818.00	\$ 818.00
	Equipment		1	\$ 1,028.00	\$ 1,028.00
Maximum Allowed Total Cost for Task 4.4.a.3					\$ 1,846.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	2	\$ 278.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	2	-
	Sr. Technician	Office / Onsite		\$ 75.00	4	\$ 300.00
	Technician	Office / Onsite		\$ 60.00	4	\$ 240.00
Maximum Allowed Personnel Cost for Task 4.4.a.3					Sub-Total	\$ 818.00

* Only one person from the job titles listed with an "*"

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Crane*		1		\$ 1,028.00	\$ 1,028.00
Forklift*		1			\$ -
Maximum Allowed Equipment Cost Per Day for Task 4.4.a.3				Sub-Total	\$ 1,028.00

*Crane preferred, but if not feasible then forklift may be used with Division approval.

Either/or but not both. Only one can be claimed for reimbursement.

Program Task: Corrective Action
Soil Excavation and Soil Source Removal

Program Task # 4.4.a.4

Maximum cost is equal to the cost of the proposal and any modifications made by the Division, and change orders if applicable, submitted to the Division in the CAP and approved in writing.

Program Task: Corrective Action
CAS Trench Installation

Program Task # 4.4.a.5

Maximum trench cost based on recovery lines per trench-

1-5 Lines	\$ 90.00/ ft
6-10 Lines	\$100.00/ft

Program Task: Corrective Action
 (Wellhead and Vault Installation)- **Lump Sum**

Program Task # 4.4.a.6

Cost for Each Wellhead and Vault Installation

(LUMP SUM) Maximum Allowed Total Cost for Task 4.4.a.6	\$1,626.00
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Personnel

Job Title
Sr. Technician
Technician

Supplies

Description	Quantity
"Y"	1
1.25" Flexible tubing (per ft)	1
1/2" Nipples	1
2" Ball valves	1
Vacuum gauge	1
4" Locking well plug	1
1.25" Adapter	1
1/4" Quick connect	2
Air bleed valve	1
4" Seal	1
1.5" Cam lock	1
Vault	1
Concrete (yd3)	1
Cleaner & cement (8 oz)	1

Program Task: Corrective Action
(CAS Inlet Manifold Installation)-Lump Sum

Program Task # 4.4.a.7

First Extraction Well Manifold Installation

(LUMP SUM) Maximum Allowed Total Cost for Task 4.4.a.7	\$463.00
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Personnel

Job Title
Sr. Technician

Supplies

Description	Quantity
2" PVC cap	1
2" ball valve	1
2" 90° elbow	2
2" x 2" coupling	2
4" 90° elbow	2
2" Clear PVC piping (ft)	1
4" PVC piping (10 foot section)	10
4" x 4" x 2" Tee	1
10 ft steel strut and 2 hanging brackets	1
Cleaner & cement (8 oz)	1

Each Additional Extraction Well Manifold Installation

(LUMP SUM) Maximum Allowed Total Cost for Task 4.4.a.7	\$140.00
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Personnel

Job Title
Sr. Technician

Supplies

Description	Quantity
2" ball valve	1
2" 90° elbow	2
2" x 2" coupling	2
2" Clear PVC piping (ft)	1
4" PVC piping (10 foot section)	10
4" x 4" x 2" Tee	1

Program Task: Corrective Action
 (Concrete Pad and Bollard Installation)-**Lump Sum**

Program Task # 4.4.a.8

(LUMP SUM) Maximum Allowed Total Cost for Task 4.4.a.8	\$2,438.00
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Personnel

Job Title
Sr. Technician
Technician

Equipment

Type of Equipment	Quantity
Skid Steer Loader (Bobcat)*	0
Backhoe*	1
Safety cones, barricades, caution tape	2

*Either Backhoe or Skid Steer Loader, not both.

Supplies

Type of Supplies
Concrete (yd3)
Gravel
Lumber and materials for frame

Bollards

Bollards	Invoice	Number of Units	Maximum Cost Allowed/Unit	Cost per Unit	Maximum Total
Bollards (4" diameter or larger steel pipe installed and filled with concrete)		12	\$253.00		\$3,036.00

Maximum bollards per site is up to 12 with case manager approval

Program Task: Corrective Action

Program Task # 4.4.a.9

Equipment

Type of Equipment	Invoice	Number of Miles	Maximum		Mile	Total
			\$/mile	Miles		
Excavating equipment - Category 1 (if over \$500, then *)						At Cost
Excavating equipment - Category 2 (if over \$1,000, then *)						At Cost

* - 3 bids or quotes and prior Division approval required

Program Task: Corrective Action
CAS Discharge Trench Installation

Program Task # 4.4.a.10

*NOTE: Maximum cost-

\$26.00/ft for the discharge line for grass covered discharge line
\$33.00 /ft for asphalt/concrete covered discharge line

Cost includes all personnel time, equipment and supplies

Program Task: Corrective Action
 (Wet Test, Prediagnostic Testing of system)

Program Task # Task 4.4.a.11

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 1,688.00	\$ 1,688.00
	Equipment		1	\$ -	\$ -
Maximum Allowed Total Cost for Task 4.4.a.11					\$ 1,688.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	2	\$ 278.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	2	-
	CAS Specialist	Onsite		\$ 85.00	10	\$ 850.00
	Technician	Onsite		\$ 56.00	10	\$ 560.00
Maximum Allowed Personnel Cost for Task 4.4.a.11					Sub-Total	\$ 1,688.00

* Only one person from the job titles listed with an "*"

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 2 Equipment/supplies/portable field instruments		1		\$100.00	\$ 100.00
Maximum Allowed Equipment Cost Per Day for Task 4.4.a.11				Sub-Total	\$ -

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary)

Program Task: Corrective Action
Electrical Service Installation

Program Task # 4.4.a.12

Maximum cost is equal to the cost of the proposal and any modifications made by the Division, and change orders if applicable, submitted to the Division in the CAP and approved in writing.

Program Task: Corrective Action
Disposal of CAS site debris

Program Task # 4.4.a.13

This Task is for the proper disposal of **non-contaminated** materials that must be removed from the site during installation of the CAS and associated trenching (4.4.a.5 through 4.4.a.8 and 4.4.a.10). This includes asphalt, concrete/rebar, scrap trench piping but does not include disposal of soils or gravel. This task should also be used for disposal costs associated with 4.4.d.9.

Program Task: Corrective Action
 (Routine O&M)

Program Task # Task 4.4.b.1

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 1,093.00	\$ 1,093.00
	Equipment		1	\$ 424.00	\$ 424.00
Maximum Allowed Total Cost for Task 4.4.b.1					\$ 1,517.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (sr. Eng) *	Office		\$ 139.00	1	\$ 139.00
	Project Manager (Sr. Geo. / Other)*	Office		\$ 128.00	1	-
	Eng. **	Office		\$ 104.00	1	\$ 104.00
	Geo. **	Office		\$ 99.00	1	-
	Sr. Env. Spec. **	Office		\$ 92.00	1	-
	CAS Specialist***	Onsite		\$ 85.00	10	\$ 850.00
Maximum Allowed Personnel Cost for Task 4.4.b.1					Sub-Total	\$ 1,093.00

* Only one person from the job titles listed with an "*"

** Only one person from the job titles listed with an "**"

***Effective 1/02/12 all work conducted on state owned systems shall be performed by a CAS Specialist

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Bag filters (if required)		2		\$ 12.00	\$ 24.00
5 gallons liquid ring pump oil (if required)					At Cost + 10%
Level 2 Equipment/supplies/portable field instruments*		1		\$ 100.00	
Level 3 Equipment/supplies/portable field instruments**		1		\$ 400.00	\$ 400.00
Maximum Allowed Equipment Cost Per Day for Task 4.4.b.1				Sub-Total	\$ 424.00

* Level 2 is applicable when only backflushing carbons and changing bag filters, major components are not cleaned

** Level 3 is applicable when major components are cleaned, photographic documentation with date and time stamp of before and after of major components cleaned are required in both reimbursement application and associated monitoring report

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary)

Program Task: Corrective Action
 (Non-Scheduled Maintenance)

Program Task # Task 4.4.b.2

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 1,197.00	\$ 1,197.00
	Equipment		1	\$ 124.00	\$ 124.00
Maximum Allowed Total Cost for Task 4.4.b.2					\$ 1,321.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (sr. Eng) *	Office		\$ 139.00	1	\$ 139.00
	Project Manager (Sr. Geo. / Other)*	Office		\$ 128.00	1	-
	Eng. **	Office		\$ 104.00	2	\$ 208.00
	Geo. **	Office		\$ 99.00	2	-
	Sr. Env. Spec. **	Office		\$ 92.00	2	-
	CAS Specialist***	Onsite		\$ 85.00	10	\$ 850.00
Maximum Allowed Personnel Cost for Task 4.4.b.2					Sub-Total	\$ 1,197.00

* Only one person from the job titles listed with an "*"

** Only one person from the job titles listed with an "**"

***Effective 1/02/12 all work conducted on state owned systems shall be performed by a CAS Specialist

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Bag filters (if required)		2		\$ 12.00	\$ 24.00
5 gallons liquid ring pump oil (if required)					At Cost + 10%
Level 2 Equipment/supplies/portable field instruments*		1		\$ 100.00	\$ 100.00
Maximum Allowed Equipment Cost Per Day for Task 4.4.b.2				Sub-Total	\$ 124.00

* Level 2 is applicable when only backflushing carbons and changing bag filters, a CASFL should be completed for each site visit

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary)

Program Task: Corrective Action
 (Evaluation Meeting)

Program Task # Task 4.4.b.3

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	8	\$ 1,112.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	8	-
	Eng. **	Office		\$ 104.00	10	\$ 1,040.00
	Geo. **	Office		\$ 99.00	10	-
	Sr. Env. Spec. **	Office		\$ 92.00	10	-
Maximum Allowed Personnel Cost for Task 4.4.b.3						\$ 2,152.00

* Only one person from the job titles listed with an "*"

** Only one person from the job titles listed with an "**"

Program Task: Corrective Action
 (Process and Pay Utility Bills)

Program Task # Task 4.4.b.4

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Secretary	Office		\$ 43.00	2	\$ 86.00
Maximum Allowed Personnel Cost for Task 4.4.b.4						\$ 86.00

This task shall be billed in conjunction with 4.4.b.5.

Program Task: Corrective Action
 (Process and Pay Utility Bills)

Program Task # Task 4.4.b.5

Utility Cost - No mark up allowed

Utility Type						Cost Allowed - Actual Utility Charge
Electric						
Telephone						
POTW						
Water						
Maximum Allowed Cost for Task 4.4.b.5					Total \$	-

This task shall be billed in conjunction with 4.4.b.4.

Program Task: Corrective Action
 (Operation and/or Maintenance - additional technician)

Program Task # Task 4.4.b.6

This task MUST be requested and approved by the case manager in advance

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Technician	Onsite		\$ 56.00	10	\$ 560.00
Maximum Allowed Personnel Cost for Task 4.4.b.6						\$ 560.00

Program Task: Corrective Action
Telemetry Review

Program Task # Task 4.4.b.7

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	2	\$ 278.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	2	-
Maximum Allowed Personnel Cost for Task 4.4.b.7						\$ 278.00

* Only one person from the job titles listed with an "*"

Program Task: Corrective Action
 (Annual Routine O&M)

Program Task # Task 4.4.b.8

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 1,757.00	\$ 1,757.00
	Equipment		1	\$ 424.00	\$ 424.00
	Annual O&M Kit		1	\$ -	At Cost
Maximum Allowed Total Cost for Task 4.4.b.8					\$ 2,181.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	1	\$ 139.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	1	-
	Eng. **	Office		\$ 104.00	2	\$ 208.00
	Geo. **	Office		\$ 99.00	2	-
	Sr. Env. Spec. **	Office		\$ 92.00	2	-
	CAS Specialist***	Onsite		\$ 85.00	10	\$ 850.00
	Technician***	Onsite		\$ 56.00	10	\$ 560.00
Maximum Allowed Personnel Cost for Task 4.4.b.8					Sub-total	\$ 1,757.00

* Only one person from the job titles listed with an "**"

** Only one person from the job titles listed with an "***"

***2 people allowed for this task, the 2nd person must bill as a Technician even if CAS Specialist certified. Effective 1/02/12 all work conducted on state owned systems must be performed by a CAS Specialist.

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Bag filter (if required)		2		\$ 12.00	\$ 24.00
Annual O&M Kit*		1			At Cost + 10%
Level 2 Equipment/supplies/portable field instruments**		1		\$ 100.00	-
Level 3 Equipment/supplies/portable field instruments***		1		\$ 400.00	\$ 400.00
Maximum Allowed Equipment Cost Per Day for Task 4.4.b.8				Sub-total	\$ 424.00

* Annual O&M Kit (at cost + 10% markup) - to be purchased from the state contract CAS manufacturer

** Level 2 is applicable when only backflushing carbons and changing bag filters, major components are not cleaned

*** Level 3 is applicable when major components are cleaned, photographic documentation with date and time stamp of before and after of major components cleaned are required in both reimbursement application and associated monitoring report

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary). Annual O&M task reimbursement includes activities for a routine O&M (i.e. an additional routine O&M event should not be conducted in the same month or reimbursement requested in addition to the annual O&M)

Program Task: Corrective Action
 (Groundwater Sampling)

Program Task # Task 4.4.c.1

Per Event Cost

Date	Description	Invoice	Days	Allowed	Allowed
	Personnel		1	\$ 417.00	\$ 417.00
Maximum Allowed Project Management Total Cost for Task 4.4.c.1					\$ 417.00

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng) - max. per event	Office		\$ 139.00	3	\$ 417.00
	Project Manager (Sr. Geo. / Other)	Office		\$ 128.00	3	-
Maximum Allowed Personnel Cost for Task 4.4.c.1					Sub-Total	\$ 417.00

* Only one person from the job titles listed with an "**", PM time is per event/scope of work, not per well.

Daily Cost

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 750.00	\$ 750.00
	Equipment		1	\$ 70.00	\$ 70.00
Maximum Allowed Total Cost for Task 4.4.c.1					\$ 820.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Sr. Technician (max. per well = 2 hrs**)	Office / Onsite		\$ 75.00	10	\$ 750.00
Maximum Allowed Personnel Cost for Task 4.4.c.1					Sub-Total	\$ 750.00

** maximum of 2 hours per well unless justification is provided and approved prior to field activities

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 1 Equipment/supplies/portable field instruments*		1		\$ 50.00	\$ 50.00
Disposable bailer(s) - 2 per well **		2		\$ 10.00	\$ 20.00
Maximum Allowed Equipment Cost Per Day for Task 4.4.c.1				Sub-Total	\$ 70.00

* All gauging shall be conducted utilizing a properly decontaminated oil/water interface probe, Level 1 is per day.

** Only the number of bailers utilized should be included in reimbursement application.

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary). The only additional charges allowed are 0.45 micron water filters when applicable.

Program Task: Corrective Action
 (Water Supply Well Sampling)

Program Task # Task 4.4.c.2

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 150.00	\$ 150.00
	Equipment		1	\$ 50.00	\$ 50.00
Maximum Allowed Total Cost for Task 4.4.c.2					\$ 200.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Sr. Technician *	Onsite		\$ 75.00	2	\$ 150.00
Maximum Allowed Personnel Cost for Task 4.4.c.2					Sub-Total	\$ 150.00

* maximum of 2 hours per sample point unless prior approval obtained, a portion of the time shall be utilized to make contact with the owner(s)/tenant(s) prior to the event

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 1 Equipment/supplies/portable field instruments*		1		\$ 50.00	\$ 50.00
Maximum Allowed Equipment Cost Per Day for Task 4.4.c.2				Sub-Total	\$ 50.00

* If conducted the same day as other sampling, no equipment/supplies/portable field instruments should be included for this task.

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary)

Program Task: Corrective Action
 (Surface Water Sampling)

Program Task # Task 4.4.c.3

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 150.00	\$ 150.00
	Equipment		1	\$ 50.00	\$ 50.00
Maximum Allowed Personnel Cost for Task 4.4.c.3					\$ 200.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Sr. Technician *	Onsite		\$ 75.00	2	\$ 150.00
Maximum Allowed Personnel Cost for Task 4.4.c.3					Sub-Total	\$ 150.00

* maximum of 2 hours per sample point unless prior approval obtained

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 1 Equipment/supplies/portable field instruments*		1		\$ 50.00	\$ 50.00
Maximum Allowed Equipment Cost Per Day for Task 4.4.c.3				Sub-Total	\$ 50.00

* If conducted the same day as other sampling, no equipment/supplies/portable field instruments should be included for this task.

Program Task: Corrective Action
 (Soil Sampling)

Program Task # Task 4.4.c.4

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 889.00	\$ 889.00
	Equipment		1	\$ 100.00	\$ 100.00
Maximum Allowed Total Cost for Task 4.4.c.4					\$ 989.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	1	\$ 139.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	1	-
	Sr. Technician	Onsite		\$ 75.00	10	\$ 750.00
Maximum Allowed Personnel Cost for Task 4.4.c.4					Sub-Total	\$ 889.00

* Only one person from the job titles listed with an "*",
 Time is maximum allowed per day

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 2 Equipment/supplies/portable field instruments *		1		\$ 100.00	\$ 100.00
Maximum Allowed Equipment Cost Per Day for Task 4.4.c.4				Sub-Total	\$ 100.00

* If conducted the same day as other sampling, no equipment/supplies/portable field instruments should be included for this task.

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary)

Program Task: Corrective Action
Laboratory Services

Program Task # Task 4.4.c.5

Analysis

Analytical Method	Invoice	Number of Analysis	Maximum Cost Allowed / Analysis	Cost per Analysis	Total
Soil Samples					
Method 8260B - BTEXMN *			\$ 86.00		-
Method 8260B - BTEXMN* + EDB + EDC			\$ 136.00		-
TN EPH Method - Extractable Petroleum Hydrocarbons (EPH)			\$ 85.00		-
Method 1311 - TCLP			\$ 479.00		-
Water Samples					
Method 8260B - BTEXMN *		1	\$ 96.00		\$ 96.00
Method 8260B BTEXMN* + EDB & EDC			\$ 146.00		-
Method 8011 - EDB			\$ 86.00		-
Method 8310/8270C SIM - PAHs			\$ 150.00		-
Method 6010 Metals - Cd, Cr, Pb, Ag, Zn			\$ 125.00		-
Method 6010 Metals - total lead only			\$ 25.00		-
Method 6010 - Fe and Mn			\$ 50.00		-
Method 1664 oil & grease **			\$ 58.00		-
Method 160.2 TSS **			\$ 21.00		-
Method 8015 - DRO and/or GRO **			\$ 85.00		-
Method TN EPH**			\$ 85.00		-
Method 6010 - Cd, Cr, Pb **			\$ 75.00		-
Method LC50 **			\$ 1,175.00		-
Method IC25 **			\$ 1,760.00		-

* BTEXMN - benzene, toluene, ethylbenzene, total xylenes, MtBE, naphthalene

** For Discharge Samples only if required

Program Task: Corrective Action
(Monitored Natural Attenuation Sampling)

Program Task # Task 4.4.c.6

Maximum cost is equal to the cost of the proposal and any modifications made by the Division, and change orders if applicable, submitted to the Division and approved in writing.

Program Task: Corrective Action
 (Land and Receptor Monitoring)

Program Task # Task 4.4.c.7

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	1	\$ 139.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	1	-
	Eng. **	Office/Onsite		\$ 104.00	2	\$ 208.00
	Geo. **	Office/Onsite		\$ 99.00	2	-
	Sr. Env. Spec. **	Office/Onsite		\$ 92.00	2	-
Maximum Allowed Personnel Cost for Task 4.4.c.7						\$ 347.00

* Only one person from the job titles listed with an "*"

** Only one person from the job titles listed with an "**"

To be conducted following drilling activities or other task that applicable personnel are already conducting work onsite. Limited to frequency approved in the CAP.

Program Task: Corrective Action
RESCINDED, included as a part of 4.4.b.1
(POTW Sampling)

Program Task # Task 4.4.c.8

Program Task: Corrective Action
RESCINDED, included as a part of 4.4.b.1
(NPDES Sampling)

Program Task # Task 4.4.c.9

Program Task: Corrective Action
 (NPDES Toxicity Testing)

Program Task # Task 4.4.c.10

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 517.00	\$ 517.00
	Equipment		1	\$ 50.00	\$ 50.00
Maximum Allowed Total Cost for Task 4.4.c.10					\$ 567.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	1	\$ 139.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	1	-
	Eng. **	Office		\$ 104.00	2	\$ 208.00
	Geo. **	Office		\$ 99.00	2	-
	Sr. Env. Spec. **	Office		\$ 92.00	2	-
	CAS Specialist (per day) ***	Onsite		\$ 85.00	2	\$ 170.00
Maximum Allowed Personnel Cost for Task 4.4.c.10					Sub-Total	\$ 517.00

* Only one person from the job titles listed with an "*" per task, not per day

** Only one person from the job titles listed with an "**", per task, not per day

*** 2 hour each day, total of 3 days

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Event	Total Cost / Event
Level 1 Equipment/supplies/portable field instruments* (for task, not per day)				\$ 50.00	\$ 50.00
Maximum Allowed Equipment Cost Per Day for Task 4.4.c.10				Sub-Total	\$ 50.00

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary)

Program Task: Corrective Action
RESCINDED, included as a part of 4.4.b.1
(Air Monitoring)

Program Task # Task 4.4.c.11

Program Task: Corrective Action System Closure
RESCINDED, included in Task 8.1.a
(Drum Disposal)

Program Task # Task 4.4.c.12

Program Task: Corrective Action System Closure
RESCINDED, included in Task 8.1.a
(Drum Disposal)

Program Task # Task 4.4.c.13

Program Task: Corrective Action
 (Vaccum Monitoring)

Program Task # Task 4.4.c.14

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 150.00	\$ 150.00
Maximum Allowed Total Cost for Task 4.4.c.14					\$ 150.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Sr. Technician *	Onsite		\$ 75.00	2	\$ 150.00
Maximum Allowed Personnel Cost for Task 4.4.c.14					Sub-Total	\$ 150.00

Equipment **included in other tasks**

Program Task: Corrective Action System Closure
 (Deactivation)

Program Task # Task 4.4.d.1

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 2,959.00	\$ 2,959.00
	Equipment		1	\$ 400.00	\$ 400.00
Maximum Allowed Total Cost for Task 4.4.d.1					\$ 3,359.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	1	\$ 139.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	1	-
	CAS Specialist**	Onsite		\$ 85.00	20	\$ 1,700.00
	Technician	Onsite		\$ 56.00	20	\$ 1,120.00
Maximum Allowed Personnel Cost for Task 4.4.d.1					Sub-Total	\$ 2,959.00

* Only one person from the job titles listed with an "*"

**Effective 1/02/14 all CAS deactivation conducted on state owned system shall be performed by a CAS Specialist

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost / Each	Max. Allowed / Day	Total Cost / Day
Level 3 Equipment/supplies/portable field instruments* (for event, not per day)		1		\$ 400.00	\$ 400.00
Maximum Allowed Equipment Cost for Task 4.4.d.1				Sub-Total	\$ 400.00

* Level 3 photographic documentation with date and time stamp of before and after cleaning of major components are required in both reimbursement application and as an attachment with the deactivation checklist

Program Task: Corrective Action System Closure
RESCINDED, included in Task 8.1.a
(Drum Disposal)

Program Task # Task 4.4.d.2

Program Task: Corrective Action System Closure
 (Permit-Utility Termination)

Program Task # Task 4.4.d.3

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Eng. *	Office		\$ 104.00	2	\$ 208.00
	Geo. *	Office		\$ 99.00	2	-
	Sr. Env. Spec. *	Office		\$ 92.00	2	-
Maximum Allowed Personnel Cost for Task 4.4.d.3						\$ 208.00

* Only one person from the job titles listed with an "*"

Program Task: Corrective Action System Closure
 (Prep CA System for Transport)

Program Task # Task 4.4.d.4

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs
	Sr. Technician	Onsite		\$ 75.00	6	\$ 450.00
Maximum Allowed Personnel Cost for Task 4.4.d.4						\$ 450.00

Reimbursement Guidance Document (RGD)-002

Program Task: Corrective Action System Closure
(Decommissioning of CA System)

Program Task # Task 4.4.d.5

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 1,449.00	\$ 1,449.00
	Equipment		1	\$ 50.00	\$ 50.00
Maximum Allowed Total Cost for Task 4.4.d.5					\$ 1,499.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	1	\$ 139.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	1	-
	Sr. Technician	Onsite		\$ 75.00	10	\$ 750.00
	Technician	Onsite		\$ 56.00	10	\$ 560.00
Maximum Allowed Personnel Cost for Task 4.4.d.5					Sub-Total	\$ 1,449.00

* Only one person from the job titles listed with an "*"

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 1 Equipment/supplies/portable field instruments		1		\$ 50.00	\$ 50.00
Maximum Allowed Equipment Cost Per Day for Task 4.4.d.5				Sub-Total	\$ 50.00

Note: This task must be approved in writing by the Division Project Manager

Program Task: Corrective Action System Closure
 (Heavy Equipment Mobilization and Demobilization)

Program Task # Task 4.4.d.6

Equipment

Type of Equipment	Invoice	Number of Miles	Maximum		Mile	Total
			\$/mile	Miles		
Excavating equipment - Category 1 (if over \$500, then *)						At Cost
Excavating equipment - Category 2 (if over \$1,000, then *)						At Cost

* - 3 bids or quotes and prior Division approval required

Program Task: Corrective Action System Closure
 (Oversight of CA System Pickup)

Program Task # Task 4.4.d.7

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Sr. Technician	Onsite		\$ 75.00	6	\$ 450.00
Maximum Allowed Personnel Cost for Task 4.4.d.7						\$ 450.00

Program Task: Corrective Action System Closure
 (Reactivation)

Program Task # Task 4.4.d.8

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 1,549.00	\$ 1,549.00
	Equipment		1	\$ 50.00	\$ 50.00
Maximum Allowed Personnel Cost for Task 4.4.d.8					\$ 1,599.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Day
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	1	\$ 139.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	1	-
	CAS Specialist **	Onsite		\$ 85.00	10	\$ 850.00
	Technician	Onsite		\$ 56.00	10	\$ 560.00
Maximum Allowed Personnel Cost for Task 4.4.d.8					Sub-Total	\$ 1,549.00

* Only one person from the job titles listed with an "*"

** Effective 1/02/14 all CAS reactivation conducted on state owned system shall be performed by a CAS Specialist

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost / Each	Max. Allowed / Day	Total Cost / Day
Level 1 Equipment/supplies/portable field instruments		1		\$ 50.00	\$ 50.00
Bag filters (if required)		2		\$ 12.00	
5 gallons liquid ring pump oil (if required)		1			At Cost + 10%
Maximum Allowed Equipment Cost for Task 4.4.d.8				Sub-Total	\$ 50.00

Reimbursement Guidance Document (RGD)-002

Program Task: Corrective Action System Closure
 (Removal of Concrete Pad for a CA System)

Program Task # Task 4.4.d.9

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 439.00	\$ 439.00
	Equipment		1	\$ 1,360.00	\$ 1,360.00
Maximum Allowed Total Cost for Task 4.4.d.9					\$ 1,799.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	1	\$139.00
	Project Manager (Sr. Geo, / Other) *	Office		\$ 128.00	1	-
	Sr. Technician	Onsite		\$ 75.00	4	\$300.00
Maximum Allowed Personnel Cost for Task 4.4.d.9					Sub-Total	\$439.00

* Only one person from the job titles listed with an "*"

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Skid steer loader (bobcat)		1	\$ 500.00	\$ 500.00	\$ 500.00
Pavement/concrete breaker for bobcat		1	\$ 300.00	\$ 300.00	\$ 300.00
Dump truck with driver (\$/hr)		4	\$ 140.00	\$ 560.00	\$ 560.00
Maximum Allowed Equipment Cost Per Day for Task 4.4.d.9				Sub-Total	\$ 1,360.00

Note this task is to be conducted at the request of the property owner (documentation required) and in conjunction with Task 4.4.d.7 or 5.2.c. Travel time, mileage, lodging and per diem costs will not be reimbursed for this Task.

Program Task: Injection
 (Scheduling)

Program Task # Task 4.4.e.1

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	3	\$ 417.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	3	-
Maximum Allowed Personnel Cost for Task 4.4.e.1					Sub-Total	\$ 417.00

* Only one person from the job titles listed with an "*"

Program Task: Injection
(Private Utility Location and Marking)

Program Task # Task 4.4.e.2

Maximum cost is equal to the cost of the lowest bid*, plus 10% markup, and change orders if applicable, submitted to the Division and approved in writing.

* 3 bids are required and the lowest bid is to be chosen unless approved by the Division in writing.

Note Only one private location marking is allowed for each release case unless approved by the Division in writing.

Program Task: Injection Program Task # Task 4.4.e.3
RESCINDED, included in 4.4.e.5 Drilling Mobilization and Demobilization
(Injection - Mobilization and Demobilization)

Program Task: Injection
(RESCINDED, included in 4.4.e.6 Injection Cost)
(Conduct Injection)

Program Task # Task 4.4.e.4

Program Task: Injection
(Injection - Mobilization and Demobilization)

Program Task # Task 4.4.e.5

Maximum cost is equal to the cost of the bid, and change orders if applicable, submitted to the Division and approved in writing. No markup will be reimbursed for this task.

Program Task: Injection
(Conduct Injection)

Program Task # Task 4.4.e.6

Maximum cost is equal to the cost of the bid, and change orders if applicable, plus a 5% markup, submitted to the Division and approved in writing.

Reimbursement Guidance Document (RGD)-002

Program Task: Injection
(Supervision of Field Work)

Program Task # Task 4.4.e.7

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 1,109.50	\$ 1,109.50
Maximum Allowed Total Cost for Task 4.4.e.7					\$ 1,109.50

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	0.5	\$ 69.50
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	0.5	-
	Eng. **	Onsite		\$ 104.00	10	\$ 1,040.00
	Geo. **	Onsite		\$ 99.00	10	-
Maximum Allowed Personnel Cost for Task 4.4.e.7					Sub-Total	\$ 1,109.50

* Only one person from the job titles listed with an "*"

** Only one person from the job titles listed with an "**"

Program Task: Injection
 (Groundwater Sampling)

Program Task # Task 4.4.e.8

Per Event Cost

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 417.00	\$ 417.00
Maximum Project Management Allowed Total Cost for Task 4.4.e.8					\$ 417.00

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng) - max. per event	Office		\$ 139.00	3	\$ 417.00
	Project Manager (Sr. Geo. / Other)	Office		\$ 128.00	3	-
Maximum Allowed Personnel Cost for Task 4.4.e.8					Sub-Total	\$ 417.00

* Only one person from the job titles listed with an "*" , PM time is per event/scope of work, not per well.

Daily Cost

Date	Description	Invoice	Number of Days	Maximum Cost Allowed	Total Cost Allowed
	Personnel		1	\$ 750.00	\$ 750.00
	Equipment		1	\$ 70.00	\$ 70.00
Maximum Allowed Total Cost for Task 4.4.e.8					\$ 820.00

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Sr. Technician *	Office / Onsite		\$ 75.00	10	\$ 750.00
Maximum Allowed Personnel Cost for Task 4.4.e.8					Sub-Total	\$ 750.00

* maximum of 2 hours per wells unless justification is provided and approved prior to field activities

Equipment Cost

Type of Equipment	Invoice	Quantity	Cost Per Day	Max. Allowed / Day	Total Cost / Day
Level 1 Equipment/supplies/portable field instruments*		1		\$ 50.00	\$ 50.00
Disposable bailer(s) - 2 per well **		2		\$ 10.00	\$ 20.00
Maximum Allowed Equipment Cost Per Day for Task 4.4.e.8				Sub-Total	\$ 70.00

* All gauging shall be conducted utilizing a properly decontaminated oil/water interface probe, Level 1 is per day.

** Only the number of bailers utilized should be included in reimbursement application.

Level 1 through Level 3 equipment, supplies, and portable field instruments are on a per day basis and not per task. Justification and approval shall be obtained prior to field activities for variance and/or more than one level per day (i.e. this will be an exception and not routinely necessary). The only additional charges allowed are 0.45 micron water filters when applicable.

Program Task: Injection
Laboratory Services

Program Task # Task 4.4.e.9

Analysis

Analytical Method	Invoice	Number of Analysis	Maximum Cost Allowed / Analysis	Cost per Analysis	Total
Soil Samples					
Method 8260B - BTEXMN *			\$ 86.00		-
Method 8260B - BTEXMN* + EDB + EDC			\$ 136.00		-
TN EPH Method - Extractable Petroleum Hydrocarbons (EPH)			\$ 85.00		-
Method 1311 - TCLP			\$ 479.00		-
Water Samples					
Method 8260B - BTEXMN *		1	\$ 96.00		\$ 96.00
Method 8260B BTEXMN* + EDB & EDC			\$ 146.00		-
Method 8011 - EDB			\$ 86.00		-
Method 8310/8270C SIM - PAHs			\$ 150.00		-
Method 6010 Metals - Cd, Cr, Pb, Ag, Zn			\$ 125.00		-
Method 6010 Metals - total lead only			\$ 25.00		-
Method 6010 - Fe and Mn			\$ 50.00		-

* BTEXMN - benzene, toluene, ethylbenzene, total xylenes, MtBE, naphthalene

Program Task: Injection
RESCINDED, included in Task 8.1.a
(Drum Disposal)

Program Task # Task 4.4.e.10

Program T. Corrective Action Training
(Annual CAS Specialist Training)

Program Task # Task 4.4.f.1

Personnel

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Eng.	Classroom		\$ 104.00		\$ -
	Geo.	Classroom		\$ 99.00		\$ -
	Sr. Env. Spec.	Classroom		\$ 92.00		\$ -
	CAS Specialist	Classroom		\$ 85.00		
	Sr. Technician	Classroom		\$ 75.00		\$ -
	Technician	Classroom		\$ 75.00		\$ -
Maximum Allowed Personnel Cost for Task 4.4.f.1						\$ -

*Total Hours and nights of per diem will be determined by the Division based on individual events

Program Task: Well Abandonment
 (Supervision of Abandonment)

Program Task # Task 5.1.a

Personnel

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Eng. *	Office		\$ 104.00	2	\$ 208.00
	Geo.*	Office		\$ 99.00	2	-
	Sr. Env. Spec.*	Office		\$ 92.00	2	-
	Sr. Technician	Onsite		\$ 75.00	4	\$ 300.00
Maximum Allowed Personnel Cost for Task 5.1.a						\$ 508.00

* Only one person from the job titles listed with an "**"

Program Task: Well Abandonment
 (Well Abandonment Cost)

Program Task # Task 5.1.b

Drilling Cost*

Description	Invoice	Quantity	Unit	Cost Per Unit	Max. Allowed Per Unit	Total Cost Per Unit
2" well abandonment by grouting			foot		\$ 16.00	
4" well abandonment by grouting			foot		\$ 18.00	
2" well abandonment by overdrilling *			foot			
4" well abandonment by overdrilling *			foot			
Recovery well vault			each		\$ 400.00	
Removal of manhole cover and well pad			well		\$ 175.00	

* 3 bids required if deemed applicable for select lithologies or circumstances

Program Task: Well Abandonment
 (Mobilization and Demobilization)

Program Task # Task 5.1.c

Equipment

Type of Equipment	Invoice	Number of Miles	Maximum		Mile	Total
			\$/mile	Miles		
Vehicle/Equipment (2 x current IRS Business Standard Mileage Rate)				500.00		\$ -

Program Task: Site Restoration
 (Scheduling)

Program Task # Task 5.2.a

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Project Manager (Sr. Eng.) *	Office		\$ 139.00	2	\$ 278.00
	Project Manager (Sr. Geo. / Other) *	Office		\$ 128.00	2	-
Maximum Allowed Personnel Cost for Task 5.2.a						\$ 278.00

* Only one person from the job titles listed with an "*"

Program Task: Site Restoration
(Supervision of field work)

Program Task # Task 5.2.b

Maximum cost is equal to the cost of the proposal and any modifications made by the Division, and change orders if applicable, submitted to the Division and approved in writing.

Program Task: Site Restoration

Program Task # Task 5.2.c

Personnel Cost

Name	Job Title	Location	Cost / Hour	Maximum Cost Allowed / Hour	Total Hours Worked	Total Labor Costs / Hour
	Technician	Onsite		\$ 56.00	5	\$ 280.00
Maximum Allowed Personnel Cost for Task 5.2.c					Sub-Total	\$ 280.00

Grass seed, straw bales, and/or mulch at cost + 10%, receipts required

6.0 Task Number

Task Code	Submitted Documents (Applications/Proposals/Reports/Submittals)	Maximum Costs
6.1	UST Closure	
6.1.a	TRBCA Closure Report	\$ 665.00
6.1.b	Soil Stockpile Sampling Report (TGD-005)	\$ 455.00
6.1.c	Over-excavation Report	\$ 1,455.00
6.1.d	Application to Treat Petroleum Contaminated Soil (TGD-009)	\$ 455.00
6.1.e	Soil Treatment and Disposal Report	\$ 455.00
6.2	Hazard Notification Report	\$ 245.00
6.3	Site Check Report (TGD-012)	\$ 1,140.00
6.4	Initial Response and Hazard Management Report (IRHMR)	\$ 2,900.00
6.4.a	Hazard Management Report	\$ 560.00
6.4.b	Health and Safety Plan (if not submitted with IRHMR)	\$ 495.00
6.5	Impacted Drinking Water Management (TGD-019)	
6.5.a	Impacted Drinking Water - Hazard Management Report (TGD-019)	\$ 560.00
6.5.b	Impacted Drinking Water Supply Temporary Response - Proposal	\$ 495.00
6.5.c	Impacted Drinking Water Supply Permanent Response - Proposal	\$ 975.00
6.6	Petroleum Vapor Impact Management (TGD-020)	
6.6.a	Petroleum Vapor Impact - Hazard Management Report (TGD-020)	\$ 560.00
6.6.b	Response to Petroleum Vapor Impact Temporary Response - Proposal	\$ 495.00
6.6.c	Response to Petroleum Vapor Impact Permanent Response - Proposal	\$ 975.00
6.7	Mobile Enhanced Multi-phase Extraction (MEME) (TGD-016)	
6.7.a	Application to Perform MEME	\$ 765.00
6.7.b	8 hr MEME Report	\$ 560.00
6.7.c	24 hr MEME Report	\$ 765.00
6.8	Free Product Removal	
6.8.a	Free Product - Hazard Management Report	\$ 665.00
6.8.b	Free Product Investigation Plan	\$ 975.00
6.8.c	Free Product Investigation Report	\$ 2,900.00
6.8.d	Free Product Removal Plan	\$ 8,565.00
6.9	Initial Site Characterization Report	\$ 6,075.00
6.9.a	Additional Monitoring Well Installation Proposal	\$ 410.00
6.9.b	Additional Monitoring Well Installation Report	\$ 560.00
6.10	Exposure Assessment Report (TGD-017)	\$ 1,600.00
6.10.a	Additional Remediation and/or Risk Management Response Submittal	\$ 105.00
6.10.b	Additional Remediation and/or Risk Management Evaluation - with Division approval	\$ 975.00
6.10.c	Risk Analysis Report only	\$ 195.00

6.0 Task Number

Task Code	Submitted Documents (Applications/Proposals/Reports/Submittals)	Maximum Costs
6.11	Soil Gas Survey (TGD-018)	
6.11.a	Soil Gas Survey Application	\$ 590.00
6.11.b	Soil Gas Survey Report	\$ 870.00
6.12	Source Removal (Over-excavation)	
6.12.a	Source Removal Proposal	\$ 660.00
6.12.b	Source Removal Report	\$ 1,455.00
6.13	Risk Reduction	
6.13.a	Risk Reduction Proposal	\$ 455.00
6.13.b	Risk Reduction Report	\$ 840.00
6.14	Institutional Controls	
6.14.a	Institutional Control Proposal	\$ 455.00
6.14.b	Institutional Control Report	\$ 140.00
6.15	Engineering Controls	
6.15.a	Engineering Control Proposal (estimate must be submitted and approved prior to proposal)	
6.15.b	Engineering Control Report (Cost as proposed and approved)	
6.17	Corrective Action Plan (CAP)	
6.17.a	CAP Soil Contamination Only	\$ 4,950.00
6.17.b	CAP with groundwater Contamination	\$ 8,565.00
6.18	Monitoring Reports (TGD-007 and Corrective Action)	
6.18.a	Risk Monitoring Report (RMR)	\$ 1,455.00
6.18.b	Closure Monitoring Report (CMR) (not associated with Corrective Action)	\$ 1,455.00
6.18.g	Corrective Action Baseline Monitoring Report (CABMR)	\$ 2,265.00
6.18.h	Corrective Action Monitoring Report - with as-built diagrams (CAMR-ab)	\$ 4,430.00
6.18.i	Corrective Action Monitoring Report (CAMR)	\$ 3,165.00
6.18.j	Corrective Action Closure Monitoring Report (CACMR)	\$ 1,725.00
6.19	Permit Applications and Discharge Monitoring Reports	
6.19.a	NPDES Permit Application	\$ 600.00
6.19.b	Discharge Monitoring Report (DMR)	\$ 350.00
6.19.c	POTW Application	\$ 600.00
6.19.d	POTW Report	\$ 195.00
6.19.f	Air Exceedance Report	\$ 280.00
6.19.g	Annual Air Emissions Report	\$ 430.00
6.19.h	Monitoring Well Maintenance Fee - no markup (Shelby County)	\$ 150.00
6.19.i	Class V Underground Injection Well Application (TGD-003)	\$ 600.00
6.19.j	Monitoring Well Permit - no markup (Shelby County)	\$ 150.00
6.19.k	Right-of-way Bond - no markup	actual cost
6.19.x	Other Required Permits / Renewals - no markup	actual cost

6.0 Task Number

Task Code	Submitted Documents (Applications/Proposals/Reports/Submittals)	Maximum Costs
6.20	Miscellaneous Application/Proposals/Reports/Submittals	
6.20.a	Field Work Notification	\$ 45.00
6.20.b	Boring Log Installation submittal	\$ 245.00
6.20.c	Public Notice of Corrective Action	\$ 130.00
6.20.d	Water Use and Receptor Survey Report (other than IRHMR/ISCR)	\$ 1,040.00
6.20.z	Other report as required by the Division (actual cost as approved by case manager in writing). Report name must be listed in the comment section of the reimbursement application.	actual cost
6.21	Corrective Action System Deactivation Report/Decommission/Down Report	\$ 245.00
6.22	Monitoring Well Abandonment Report (<6 wells)	\$ 245.00
6.23	Monitoring Well Abandonment Report (>6 wells)	\$ 350.00
6.24	Advanced Site Characterization	
6.24.a	Advanced Site Characterization Proposal	\$ 1,010.00
6.24.b	Advanced Site Characterization Report from the Sub-contractor (includes CAC cost for a site map, utility locate information, and summary)	\$ 2,080.00
6.24.c	Confirmatory Sampling Report (includes tables, maps and boring logs)	\$ 560.00

Program Task: Per Diem
Per Diem

Program Task # 7.1.a

Cost of all per diem charges accrued performing site remediation tasks as requested by the Division. Date(s) and time(s) must not exceed time for being onsite plus travel. Meals will not be reimbursed without a corresponding hotel invoice. No markup allowed.

Program Task: Lodging
Lodging

Program Task # 7.2.a

Cost of all lodging charges accrued performing site investigation or remediation. Date(s) must not exceed time for being onsite. Hotel invoice must be submitted with reimbursement application. No markup allowed.

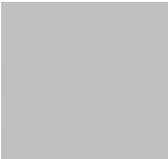
Program Task: Drum Disposal
 (Drum Disposal)

Program Task # 8.1.a

Type of Item	Invoice	Number of Drums	Maximum Cost Allowed / Unit	Cost per Unit	Total
Drum Disposal (soil)		1	\$ 300.00		\$ 300.00
Drum Disposal (water/free product)		1	\$ 300.00		\$ 300.00
Drum Disposal (other)		1	\$ 300.00		\$ 300.00

Program Task: Reserved

Program Task # 9.1



Program Task: State Contractor Use Only
Tank Closure and Overexcavation
per Notice to Proceed (NTP)

Program Task # 10.1.a

Program Task: Over-Excavation
(Mobilization and Demobilization)

Program Task # Task 10.1.b

per Notice to Proceed (NTP)

Program Task: State Contractor Use Only
Stockpile Loading, Hauling, and Disposal
per Notice to Proceed (NTP)

Program Task # 10.1.c

Program Task: State Contractor Use Only
QAPP checklist

Program Task # 10.1.d

per Notice to Proceed (NTP) for federally funded projects only