

**REMEDIAL CONSTRUCTION OVERSIGHT
PROJECT MANAGEMENT WORK PLAN**

☒ **APPROVED**

UML 11/2/06

11/6/06

TRIMMER ROAD LANDFILL SITE

SITE NO. 8-28-012

TOWN OF PARMA, NEW YORK

WORK ASSIGNMENT NO. D004446-2

Prepared for:

**NEW YORK STATE DEPARTMENT
OF ENVIRONMENTAL CONSERVATION
DIVISION OF ENVIRONMENTAL REMEDIATION**

Prepared by:

**DVIRKA AND BARTILUCCI CONSULTING ENGINEERS
SYRACUSE, NEW YORK**

OCTOBER 2006

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PROJECT MANAGEMENT WORK PLAN
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1.0 INTRODUCTION

As part of New York State's program to investigate and remediate hazardous waste sites, the New York State Department of Environmental Conservation (NYSDEC) has issued a Work Assignment to Dvirka and Bartilucci Consulting Engineers (D&B) of Woodbury, New York. The Work Assignment has been issued under the Superfund Standby Contract between D&B and NYSDEC, and involves Remedial Action observation of critical construction tasks at the Trimmer Road Landfill Site in the Town of Parma, Monroe County, New York. The registry number for the Site is 8-28-012. Construction observation for this project is being performed with funds allocated under the New York State Superfund Program.

This Project Management Work Plan presents a description of the tasks to be performed in association with the oversight of remedial construction at the Trimmer Road Landfill Site. In addition, the Project Management Work Plan includes administrative details regarding project staffing, proposed subcontractors, MBE/WBE utilization, schedule and cost estimates for the project.

2.0 BACKGROUND INFORMATION

The objective of the Work Assignment is to provide construction observation during implementation of the remediation at the Trimmer Road Landfill Site. D&B will provide an on-site observer on an as-needed basis at the request of the NYSDEC.

The selected remedy for the Trimmer Road Landfill Site, as described in the March 2001 Record of Decision (ROD), is an evapotranspiration cap consisting of an enhanced soil cover, planted with selected vegetation designed to intercept infiltrating water and to promote enhanced evapotranspiration to the atmosphere. In addition, the remedy includes phytoremediation of contaminated groundwater northwest of the landfill; operation, monitoring and maintenance of the remedy; and implementation of site use restrictions. NYSDEC previously tasked D&B with providing design services for evapotranspiration cover test plots and phytoremediation buffer (vegetative buffer remediation) zones.

A final remedial design package was submitted to the NYSDEC on April 4, 2006. Subsequent bidding of the Contract Documents resulted in only two responsive bids and both greatly exceeded the cost estimate for the project. Therefore, the NYSDEC elected to initially focus on the implementation of the vegetative buffers.

2.1 General Site Information

The Trimmer Road Landfill Site is located in a rural portion of the Town of Parma, Monroe County, New York, approximately 2 miles northwest of Parma Corners and 10 miles northwest of the City of Rochester. The site is on the east side of Trimmer Road about one mile north of the intersection of Trimmer Road with Route 104. The 60-acre site consists of an unlined landfill occupying 40 acres and includes a 10-acre pond.

The site is surrounded by undeveloped land on all sides, although there are a number

of residential properties within a half-mile radius. The on-site pond discharges to a tributary of Buttonwood Creek, a Class C stream that drains into Lake Ontario. Drainage ditches are located at the perimeter of the site on portions of three sides.

The Trimmer Road Landfill was a private disposal facility that accepted municipal waste from surrounding towns and industrial waste from local industries between 1952 and 1974. Some of the industries are known to have produced hazardous waste. While there is no direct evidence of disposal of hazardous waste at the site, chemical analyses of groundwater samples indicate the presence of volatile organic compounds (VOCs) in exceedance of groundwater standards.

A Phase I investigation conducted in 1983 identified sparse vegetation on the landfilled area, with debris protruding through the cover. A Phase II investigation conducted in 1986 found organic compounds and metal contamination in groundwater, and established a preliminary groundwater flow direction in the overburden to the northwest. The site was delisted in 1992 due to the relatively low levels of contamination found in the Phase II study. Additional investigations in 1996 revealed the presence of site contamination in groundwater at levels that raised public health concerns due to the existence of downgradient private water supplies and the site was re-listed as a Class 2 site in 1997.

A Remedial Investigation (RI) was conducted between October 1999 and January 2001 to define the nature and extent of contamination at the site. The media of concern for the site are groundwater, leachate, and waste/subsurface soil. The areas of highest VOC contamination in groundwater are located beneath the northwest corner of the landfill and directly north of the landfill. Shallow well samples exhibited vinyl chloride and 1,2-dichloroethene along with other VOCs above groundwater standards. Inorganics were also detected above groundwater standards. Leachate samples from several locations contained VOCs, semivolatile organic compounds (SVOCs), and metals above standards, criteria, and guidance (SCG) values.

3.0 SCOPE OF REMEDIAL CONSTRUCTION OBSERVATION

The scope of construction observation services is based on the June 7, 2006 Work Assignment provided by NYSDEC to D&B. These services will comply with the requirements of NYSDEC TAGM #4011 "Contractor/Consultant Oversight Guidance" and include quality review of construction, observing the work, record keeping for all pertinent activities, and review of documents implementing and documenting the work.

3.1 Work Plan Development - Task 1

This task includes development of this Project Management Work Plan. The Work Plan includes a description of major tasks and subtasks, project schedule, staffing plan, budget, MBE/WBE utilization plan and proposed subcontractors.

3.2 Remedial Construction Management - Task 2

D&B will serve as NYSDEC Division of Environmental Remediation's on-site observer and will perform observations of remedial construction at the Trimmer Road Landfill Site. D&B will designate a project manager and an on-site observer to implement the construction oversight duties. The project manager will coordinate review of documents, scheduling, and participate in meetings and site visits. The observer will provide observation of the daily construction activities in coordination and cooperation with the NYSDEC. The anticipated duration of oversight is approximately 7 weeks at the Trimmer Road Landfill Site. D&B's participation will depend on project schedules and coordination with NYSDEC personnel.

3.2.1 Pre-Construction Meeting

D&B will attend a pre-construction meeting, including a site walk-over with NYSDEC staff and the construction contractor to become more familiar with the site. Both the D&B project manager and site observer will attend the pre-construction meeting.

3.2.2 Field Orders and Change Orders

D&B will prepare any necessary field orders and change orders to the plans and specifications for timely transmittal to the contractor. Field orders will be used to inform the contractor in writing of all changes, modifications and clarification of the plans and specifications that do not involve cost or time. Proposed change orders and, subsequently, change orders will be developed for those modifications involving cost or time and will include an independent, detailed cost estimate. D&B will submit field and change orders to the NYSDEC for review and approval prior to issuance.

3.2.3 Review of Contractor Submittals

Contractor submittals will be reviewed for compliance with the requirements of the contract documents. Recommendations will be provided to the Department to accept, reject or require modifications to each submittal. Any proposals made by the contractor, which constitute a significant change in the work, will be discussed with the NYSDEC Project Manager. Schedules and as-built drawings submitted by the contractor will be reviewed during construction and recommendations will be provided for acceptance/rejection to the NYSDEC. It is anticipated that the scope of work under this task includes review of the following contractor submittals:

- Contingency Plan;
- Work and Waste Handling Plan;
- Storm Water Management Plan;

- Plan for Installation;
- Key Operation Personnel and Past Experience;
- Shop Drawings;
- Operations and Maintenance Manual; and
- As-built Drawings.

3.2.4 Construction Inspection, Record Keeping and Reporting

Full-time on-site inspection services will be provided during construction as directed by the NYSDEC. The work will be monitored for conformance with the contract documents and approved submittals by inspecting the construction activities. During construction, biweekly progress meetings will be held with the contractor to discuss project issues, performance and schedule. Minutes of these meetings will be prepared and issued to those in attendance, including NYSDEC if not in attendance. At the completion of the construction, an interim punch list inspection will be conducted to identify remaining work items to be completed. The labor hour estimate for this task is based on 10 hour workdays for a period of 7 weeks with respect to on-site inspection.

At the completion of construction, full time on-site inspection services will be provided for the contractor's demobilization and site restoration work. A punch list inspection will be conducted to identify remaining work items to be completed, followed by a final inspection to determine if all work has been completed and to verify that the requirements of the contract documents have been satisfied.

The contractor and the NYSDEC will be notified in the event that the contractor fails to perform the work as specified in the contract and recommendations will be provided to the NYSDEC for the acceptance, disapproval or rejection of contractor's work. Under the supervision of the Department, instructions, field orders, interpretations and clarifications of contract language will be issued to the contractor.

Complete and detailed records will be maintained as required by NYSDEC related to construction activities. The complete original records will become the property of NYSDEC at the completion of the project. These records and reports will include the following:

- Daily inspection logs to be maintained in a daily log book;
- Daily field activity reports;
- Work completed, on-site visitors and important conversations;
- Listing and use of contractor's personnel, material and equipment which allows for quantification of the contractor's production;
- Records documenting the contractor's deviation from the specifications and approved submittals including descriptions of actions and resolutions;
- Unusual circumstances (weather conditions, environmental problems, health and safety hazards encountered, etc.);
- General files, including correspondence related to the project;
- Meeting minutes with documentation on resolution issues;
- Record of submittals; and
- Construction photographs taken before, during and subsequent to the work.

3.3 Review of Payment Applications - Task 3

D&B will review and provide recommendations for approval or modification of all requests for payment submitted by the contractor. Approved payment requests will be forwarded to the NYSDEC. For budgetary purposes it is assumed that four payment requests will be submitted by the contractor during the project.

3.4 Final Remediation Report - Task 4

Construction activities will be documented in a report that summarizes the remediation work, provides "as-built" drawings (to be prepared by the contractor), and include the inspection records, monitoring reports and sampling results in appendices. The

report will describe all variations from the contract documents and a summary of all waste and its disposition as provided by the contractor. The report will be sealed and signed by a professional engineer licensed to practice in New York. The budget estimate provides for submittal of two copies of a draft report and ten copies of the final report to the Department.

3.5 Site Management Plan - Task 5

D&B will develop and submit three copies of a Site Management Plan for the long-term maintenance of the site and identifies technical requirements to be included in the institutional controls placed on the property. The plan will address the characterization necessary for soil excavated from the site during future development and, where applicable, requirements for disposal/reuse of soil in accordance with NYSDEC regulations.

3.6 Operation, Maintenance and Monitoring - Task 6

D&B will collect up to 9 groundwater samples on a quarterly basis for a period of three years in addition to a baseline round of sampling prior to remedial construction, as requested and directed by the NYSDEC. The water samples will be analyzed for Target Compound List VOCs with standard turn around times. The subcontracted laboratory will provide sample containers and shipping containers. All laboratory analysis will be performed in accordance with the latest edition of the NYSDEC Analytical Services Protocol (ASP). The laboratory will be New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified for general and/or CLP analysis as required by this project. Category A deliverables will be submitted for the project samples.

Mowing of the grass within the vegetative buffer areas will be performed when the grass height exceeds six inches, as directed by the NYSDEC. For budgetary purposes it is assumed that mowing will be performed twice per year for a period of three years.

4.0 PROJECT MANAGEMENT

4.1 Project Schedule and Key Milestones/Reports

The project schedule for the Trimmer Road Landfill Remediation Construction Oversight will be determined by the NYSDEC and the construction contractor. It is anticipated that the construction activities will commence in the spring of 2007. Figure 4-1 indicates the anticipated milestones and tentative dates.

4.2 Project Management, Organization and Key Technical Personnel

D&B will be the prime consultant responsible for construction oversight at the Trimmer Road Landfill Site. Subcontractors proposed for this project include:

- Mitkem Corporation (MBE, laboratory analyses)
- Ecologic, LLC (WBE, sampling assistance)
- Property Construction Services, LLC (WBE, mowing)
- Emilcott (health and safety)

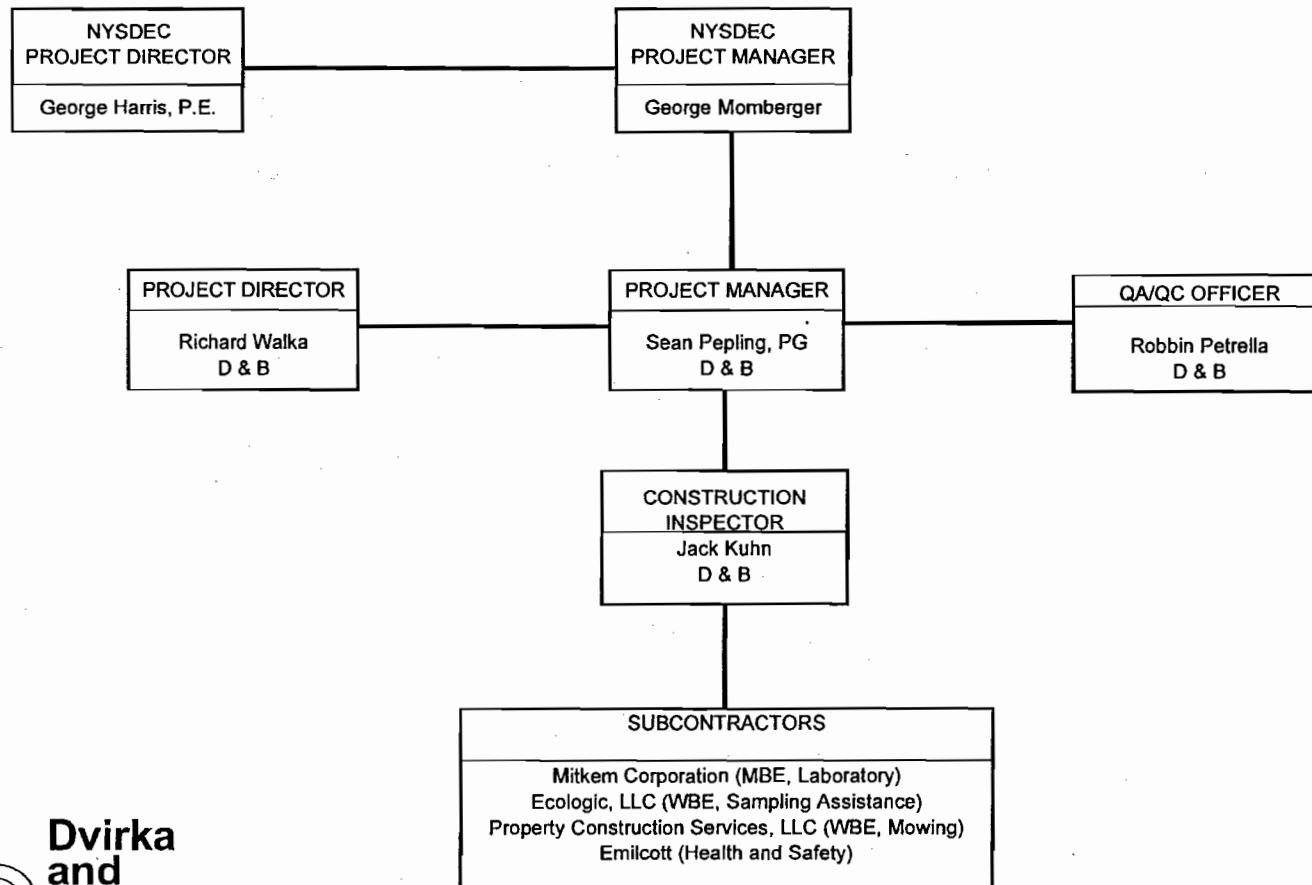
The organization for this project, illustrating both management and responsibility functions for the project team and key personnel, is provided in Figure 4-2.

**Figure 4-1.
Project Schedule
Trimmer Road Landfill Site
Remedial Construction Oversight**

Item	Action	Duration in Weeks	Weeks after WA Issuance	Tentative Date
1	Issue Work Assignment		0	6/7/06
2	Draft Work Plan	3	3	6/28/06
3	Revised Draft Work Plan	17	20	10/25/06
4	Final Work Plan	2	22	11/8/06
5	Notice to Proceed	2	24	11/22/06
6	Review Contractor Submittals*	4	28	6/6/07
7	Remedial Construction Observation*	10	38	8/15/07
8	Final Summary Report*	6	44	9/26/07
9	Operations, Maintenance and Monitoring*	156	200	9/22/10

* Actual dates dependent on contractor scheduling and work progress.

FIGURE 4-2
PROJECT ORGANIZATION CHART
TRIMMER ROAD LANDFILL SITE
REMEDIAL CONSTRUCTION OVERSIGHT
PARMA, NEW YORK



5.0 SCHEDULE 2.11s

Schedule 2.11 (a)
Summary of Work Assignment Price
Trimmer Road Site
Summary
Work Assignment Number D004446-2

1.	Direct Salary Costs (Schedules 2.10 (a) and 2.11(b))	\$34,893
2.	Indirect Costs (Schedule 2.10 (g))	\$52,688
3.	Direct Non-Salary Costs (Schedules 2.11 (c) and (d))	\$8,561

Subcontract Costs

Cost-Plus-Fixed-Fee Subcontracts (Schedules 2.11(e))

	<u>Name of Subcontractor</u>	<u>Services To Be Performed</u>	<u>Subcontract Price</u>
A.	Emilcott Associates	Health & Safety Services	\$960
B.	EcoLogic, LLC	Sampling Assistance	\$6,831
4.	Total Cost-Plus-Fixed-Fee Subcontracts		<hr/> \$7,791

Unit Price Subcontracts (Schedules 2.11(f))

	<u>Name of Subcontractor</u>	<u>Services To Be Performed</u>	<u>Subcontract Price</u>
A.	MITKEM, Inc.	Sample Analysis	\$3,848
B.	Property Construction Services, LL	Mowing	\$6,600
5.	Total Unit Price Subcontracts		<hr/> \$10,448
6.	Subcontract Management Fee		\$522
7.	Total Subcontract Costs (lines 4 + 5 + 6)		\$18,762
8.	Fixed Fee (Schedule 2.10 (h))		\$10,072
9.	Total Work Assignment Price (lines 1 + 2 + 3 + 7 + 8)		\$124,975

SCHEDULE 2.11 (b)
SUMMARY
Trimmer Road Site
Work Assignment Number D004446-2

Average NSPE Wage Rates		IX	VIII	VII	VI	V	IV	III	II	I	TOTAL HOURS
as of January 1, 2006		\$61.60	\$54.95	\$51.32	\$45.44	\$36.10	\$33.51	\$29.09	\$23.13	\$18.10	
as of January 1, 2007		\$64.06	\$57.15	\$53.37	\$47.26	\$37.54	\$34.85	\$30.25	\$24.06	\$18.82	
Task 1	Work Plan Developn	1	0	0	0	12	0	16	4	2	35
Task 2	Remedial Constructi	4	8	0	0	150	0	442	12	16	632
Task 3	Review of Payment ,	1	0	0	0	16	0	72	4	8	101
Task 4	Remediation Report	1	4	0	0	14	0	40	6	4	69
Task 5	Site Management PI	2	2	0	0	10	0	24	8	4	50
Task 6	Operations, Maint. &	2	0	0	0	56	0	120	16	16	210
Subtotal 2006 Hours		1	0	0	0	12	0	16	4	2	35
Subtotal 2007 Hours		10	14	0	0	246	0	698	46	48	1062
Total Hours		11	14	0	0	258	0	714	50	50	1097
Total Direct Labor Cost		\$702	\$800	\$0	\$0	\$9,669	\$0	\$21,582	\$1,199	\$940	\$34,893

SCHEDULE 2.11 (b)-1
SUMMARY
Trimmer Road Site
Work Assignment Number D004446-2

Average NSPE Wage Rates	IX	VIII	VII	VI	V	IV	III	II	I	TOTAL HOURS
as of January 1, 2006	\$61.60	\$54.95	\$51.32	\$45.44	\$36.10	\$33.51	\$29.09	\$23.13	\$18.10	
as of January 1, 2007	\$64.06	\$57.15	\$53.37	\$47.26	\$37.54	\$34.85	\$30.25	\$24.06	\$18.82	
Task 1	1	0	0	0	2	0	0	2	0	5
Task 2	0	0	0	0	5	0	0	12	0	17
Task 3	1	0	0	0	2	0	0	4	0	7
Task 4	0	0	0	0	1	0	0	2	8	11
Task 5	0	0	0	0	1	0	0	2	4	7
Task 6	0	0	0	0	1	0	0	6	8	15
Subtotal 2006 Hours	1	0	0	0	2	0	0	2	0	5
Subtotal 2007 Hours	1	0	0	0	10	0	0	26	20	57
Total Hours	2	0	0	0	12	0	0	28	20	62
Total Direct Labor Cost	\$126	\$0	\$0	\$0	\$448	\$0	\$0	\$672	\$376	\$1,621

Dvirka & Bartlucci Consulting Engineers
Trimmer Road Site
Work Assignment Number D004446-2

BREAKDOWN OF ADMINISTRATIVE
LOE HOURS ON SCHEDULE 2.11(b-1)

ADMIN ACTIVITY	WORK PLAN DEVELOPMENT													
	Conflict of Interest Checks						Prepare 2.11 Schedules							
NSPE	IX	VIII	VII	VI	V	IV	VIII	VII	VI	V	IV	III	II	I
TASK 1	1.0													
TASK 2														
TASK 3														
TASK 4														
TASK 5														
TASK 6														
TOTAL	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

ADMIN ACTIVITY	REVIEW WORK ASSIGNMENT (WA) PROGRESS																											
	Conduct Progress Reviews						Prepare Monthly Report & Update Schedules								MBE/WBE Activities						Program Management							
NSPE	VIII	VII	VI	V	IV	III	VIII	VII	VI	V	IV	III	II	I	VIII	VII	VI	V	IV	III	II	I	IX	VIII	VII	VI	V	IV
TASK 1										1.0								1.0										
TASK 2										4.0																		
TASK 3										2.0														1.0				
TASK 4										1.0																		
TASK 5										1.0																		
TASK 6										1.0																		
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0

ADMIN ACTIVITY	CAP PREPARATION												MISCELLANEOUS															
	Prepare Monthly Cost Control Report & CAP								Oversee CAP				Update NSPE List								Equipment Use and Inventory				Word Processing and Report Preparation			
NSPE	VIII	VII	VI	V	IV	III	II	I	IX	VIII	VII	VI	VIII	VII	VI	V	IV	III	II	I	IV	III	II	I	IV	III	II	I
TASK 1							2																					
TASK 2							12									1												
TASK 3							4																					
TASK 4							2																					8
TASK 5							2																					4
TASK 6							6																					8
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0

ADMIN ACTIVITY	Total Adm. LOE (hrs)								
	IX	VIII	VII	VI	V	IV	III	II	I
NSPE									
TASK 1	1	0	0	0	2	0	0	2	0
TASK 2	0	0	0	0	5	0	0	12	0
TASK 3	1	0	0	0	2	0	0	4	0
TASK 4	0	0	0	0	1	0	0	2	8
TASK 5	0	0	0	0	1	0	0	2	4
TASK 6	0	0	0	0	1	0	0	6	8
TOTAL	2	0	0	0	12	0	0	28	20

SCHEDULE 2.11 (C)
DIRECT NON-SALARY COSTS
Trimmer Road Site
Work Assignment Number D004446-2

ITEM	MAXIMUM REIMBURSEMENT RATE	UNIT	ESTIMATED NUMBER OF UNITS	TOTAL ESTIMATED COSTS
IN-HOUSE				
Outside Services	\$50.00	set	4	\$200
Express Mail	\$50.00	package	25	\$1,250
Level D Safety Equipment	\$16.62	\$/person/day	43	\$715
Level C Safety Equipment	\$40.00	\$/person/day	0	\$0
Level B Safety Equipment	\$50.00	\$/person/day	0	\$0
Meals	\$44.00	/day	28	\$1,232
Lodging	\$87.00	/day	28	\$2,436
TRAVEL				
Air	TBD	roundtrip		
Transportation (Personal Car)	\$0.445	mile	3300	\$1,469
Tolls	\$3.20	week	0	\$0
Car Rental	\$255.00	week	0	\$0
Gas	\$120.00	week	0	\$0
TOTAL DIRECT NON-SALARY COSTS				\$7,301

Schedule 2.11 (c)
Direct Non-Salary Costs
Trimmer Road Site
Work Assignment Number D004446-2

Summary

Item	Reimbursement Rate	Task 1		Task 2		Task 3		Task 4		Task 5		Task 6		Total Est. No. of Units	Total Estimated Cost
		Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost
A. Travel															
1. Meals	\$44 /day*		\$0	28	\$1,232		\$0		\$0		\$0		\$0	28	\$1,232
2. Lodging	\$87 /day		\$0	28	\$2,436		\$0		\$0		\$0		\$0	28	\$2,436
3. Air Travel	TBD /round trip		\$0		\$0		\$0		\$0		\$0		\$0	0	\$0
4. Transport. (Personal Car)	\$0.445 /mile		\$0	2420	\$1,077		\$0		\$0		\$0	880	\$392	3,300	\$1,469
5. Tolls	\$3.20 /trip		\$0		\$0		\$0		\$0		\$0		\$0	0	\$0
6. Car Rental	\$255.00 /week		\$0		\$0		\$0		\$0		\$0		\$0	0	\$0
7. Gas	\$120.00 /week		\$0		\$0		\$0		\$0		\$0		\$0	0	\$0
Subtotal (Travel)			\$0		\$4,745		\$0		\$0		\$0		\$392		\$5,137
B. Miscellaneous (Expenses)															
1. Outside Services**	\$50.00 /set		\$0		\$0		\$0	2	\$100	2	\$100		\$0	4	\$200
2. Express Mail	\$50.00 /package	1	\$50	8	\$400	4	\$200	2	\$100	2	\$100	8	\$400	25	\$1,250
Subtotal (Misc. Expenses)			\$50		\$400		\$200		\$200		\$200		\$400		\$1,450
C. Personal Protective Equipment															
1. Level D Safety Equipment	\$16.62 (\$/person/day)		\$0	35	\$582		\$0		\$0		\$0	8	\$133	43	\$715
2. Level C Safety Equipment	\$40.00 (\$/person/day)		\$0		\$0		\$0		\$0		\$0		\$0	0	\$0
3. Level B Safety Equipment	\$50.00 (\$/person/day)		\$0		\$0		\$0		\$0		\$0		\$0	0	\$0
Subtotal (Protective Equipment)			\$0		\$582		\$0		\$0		\$0		\$133		\$715
TOTAL			\$50		\$5,727		\$200		\$200		\$200		\$925		\$7,301

Footnote:

In-house costs for computer services, postage, reproduction, printing, and telephone are not allowable as direct non-salary costs. These costs should be included in the indirect cost pool used to determine the indirect cost percentage for the engineer.

* Maximum allowable rate for Monroe County, NY

** Includes photo finishing, reproduction and any other costs not associated with in-house capabilities.

SCHEDULE 2.11 (d) 3
 EQUIPMENT
 VENDOR RENTED
 Trimmer Road Site
 Work Assignment Number D004446-2
 Summary

ITEM	MAXIMUM REIMBURSEMENT RATE	TIME PERIOD	ESTIMATED USAGE (period of time)	ESTIMATED USAGE COST (Col. 2 X 3)
Water Level Indicator	\$25	day	4	\$100
			Total	\$100

SCHEDULE 2.11 (d) 4
EXPENDABLE SUPPLIES
Trimmer Road Site
Work Assignment Number D004446-2
Summary

ITEM	ESTIMATED QUANTITY	UNITS	UNIT COST	TOTAL BUDGETED COST (COL. 2 X 3)
Cell Phone	2	months	\$35.00	\$70
Office supplies, field books, pens, pencils	1	each	\$100.00	\$100
Sampling Supplies- Ice, plastic bags, packing tape ...	4	each	\$10.00	\$40
Bailers	4	case	\$175.00	\$700
			TOTAL	\$910

SCHEDULE 2.11 (D) 5
 CONSUMABLE SUPPLIES
 Trimmer Road Site
 Work Assignment Number D004446-2
 Summary

ITEM	ESTIMATED QUANTITY	UNIT COST	TOTAL BUDGETED COST (COL. 2 X 3)
Miscellaneous Supplies	1	\$250.00	\$250
		TOTAL	\$250

Schedule 2.11 (e)
Cost-Plus-Fixed Fee Subcontracts
Work Assignment Number D004446-2

Name of Subcontractor: Emilcott Associates

Services to be Performed: Health & Safety Services

Subcontract Price: \$960

A. Direct Salary Costs

Professional Responsibility Level	Labor Classification	Average Reimbursement Rate (\$/hr)	Maximum Reimbursement Rate (\$/hr)	Estimated No. of Hours	Total Estimated Direct Salary Cost
Senior PM	II	\$45.00	\$45.00	8	\$360
EH&S Consultant	VI	\$24.00	\$24.00	0	\$0
Total Direct Salary					\$360

Footnotes:

- 1) These rates will be held firm until December 31, 2007
- 2) Reimbursement will be limited to the lesser of either the individual's actual hourly rate or the maximum rate for each labor category.
- 3) Reimbursement will be limited to the maximum reimbursement rate for the professional responsibility level of the actual work performed.
- 4) Only those labor classifications indicated with an asterisk (*) will be entitled to overtime.
- 5) Reimbursement for technical time of principals, owners and officers will be limited to the maximum reimbursement rate of that labor category, the actual hourly rate paid, or the State of New York M-5 rate, whichever is lower.
- 6) The maximum rates in each labor category can be modified only by mutual agreement and approval by both the Department and the Comptroller.

B. Indirect Salary Costs

Indirect costs shall be paid on a percentage of direct salary costs incurred which shall not of 132 % or the actual rate calculated in accordance with 48 Federal Acquisition Regulation, whichever is lower.

Amount budgeted for indirect costs is \$ 475

C. Maximum Reimbursement Rates for Direct Non-Salary Costs

Item	Maximum Reimbursement Rates (specify unit)	Est. No. of Units	Total Estimated Cost
Travel	\$0.38 /mile		\$0.00
Field Equipment	\$40.00 /day		\$0.00
Total Direct Non-Salary Costs			\$0.00

D. Fixed fee (15% of direct plus indirect labor costs) \$ 125

Schedule 2.11 (e)
Cost-Plus-Fixed Fee Subcontracts
Work Assignment Number D004446-2

Name of Subcontractor: EcoLogic, LLC

Services to be Performed: Sampling Assistance

Subcontract Price: \$6,831

A. Direct Salary Costs

Professional Responsibility Level	Labor Classification	Aver. Reimbursement Rate (\$/hr)	Max. Reimbursement Rate (\$/hr)	Estimated No. of Hours	Total Estimated Direct Salary Cost
Principal: Aquatic Sciences	VIII	\$40.00	\$40.00	4	\$160
Environmental Scientist	IV	\$26.00	\$26.00	56	\$1,456
Total Direct Salary Costs					\$1,616

Footnotes:

- 1) These rates will be held firm until December 31, 2007
- 2) Reimbursement will be limited to the lesser of either the individual's actual hourly rate or the maximum rate for each labor category.
- 3) Reimbursement will be limited to the maximum reimbursement rate for the professional responsibility level of the actual work performed.
- 4) Only those labor classifications indicated with an asterisk (*) will be entitled to overtime.
- 5) Reimbursement for technical time of principals, owners and officers will be limited to the maximum reimbursement rate of that labor category, the actual hourly rate paid, or the State of New York M-5 rate, whichever is lower.
- 6) The maximum rates in each labor category can be modified only by mutual agreement and approval by both the Department and the Comptroller.

B. Indirect Salary Costs

Indirect costs shall be paid on a percentage of direct salary costs incurred which shall not of 90 % or the actual rate calculated in accordance with 48 CFR Federal Acquisition Regulation, whichever is lower.

Amount budgeted for indirect costs is

\$ 1,454

C. Maximum Reimbursement Rates for Direct Non-Salary Costs

Item	Maximum Reimbursement Rates (specify unit)	Est. No. of Units	Total Estimated Cost
Pruning (estimated cost)	\$1,100 /event	3	\$3,300.00
Total Direct Non-Salary Costs			\$3,300.00

D. Fixed fee (15% of direct plus indirect labor costs)

\$ 461

SCHEDULE 2.11 (f) 1
UNIT PRICE SUBCONTRACTS
Trimmer Road Site
Work Assignment Number D004446-2

NAME OF SUBCONTRACTOR		SERVICES TO BE PERFORMED		SUBCONTRACT PRICE		MANAGEMENT FEE
MITKEM, Inc.		Sample Analysis		\$3,848		\$192
Item	Method	Maximum Reimbursement Rate	Expedited Turnaround Multiplier	Estimated No. of Units	Total Estimated Costs	
<u>Soil/Waste</u>	VOCs	OLMO4.2	\$74.00 /sample	1	0	\$0
	SVOCs	OLMO4.2	\$188.00 /sample	1	0	\$0
	Pesticides/PCBs	OLMO4.2	\$136.00 /sample	1	0	\$0
	TAL Metals and Cyanide	OLMO4.2	\$90.00 /sample	1	0	\$0
	TCLP - full	OLMO4.2	\$650.00 /sample	1	0	\$0
	VOCs	OLMO4.2	\$74.00 /sample	2	0	\$0
	SVOCs	OLMO4.2	\$188.00 /sample	2	0	\$0
	Pesticides/PCBs	OLMO4.2	\$136.00 /sample	2	0	\$0
	TAL Metals and Cyanide	OLMO4.2	\$90.00 /sample	2	0	\$0
	TCLP - full	OLMO4.2	\$650.00 /sample	2	0	\$0
<u>Water</u> groundwater	VOCs	OLMO4.2	\$74.00 /sample	1	36	\$2,664
	SVOCs	OLMO4.2	\$188.00 /sample	1	0	\$0
	Pesticides/PCBs	OLMO4.2	\$136.00 /sample	1	0	\$0
	TAL Metals and Cyanide	OLMO4.2	\$90.00 /sample	1	0	\$0
<u>QA/QC Samples</u>		Blanks				
	Trip Blanks	OLMO4.2	\$74.00 /sample	1	4	\$296
<u>Soil/Waste</u>	Matrix Spike					
	VOCs	OLMO4.2	\$74.00 /sample	1	0	\$0
	SVOCs	OLMO4.2	\$188.00 /sample	1	0	\$0
	Pesticides/PCBs	OLMO4.2	\$136.00 /sample	1	0	\$0
	Metals and Cyanide	OLMO4.2	\$90.00 /sample	1	0	\$0
	Matrix Spike Duplicate					
	VOCs	OLMO4.2	\$74.00 /sample	1	0	\$0
	SVOCs	OLMO4.2	\$188.00 /sample	1	0	\$0
	Pesticides/PCBs	OLMO4.2	\$136.00 /sample	1	0	\$0
	Metals and Cyanide	OLMO4.2	\$90.00 /sample	1	0	\$0
	Matrix Spike Blank					
	VOCs	OLMO4.2	\$74.00 /sample	1	0	\$0
	SVOCs	OLMO4.2	\$188.00 /sample	1	0	\$0
	Pesticides/PCBs	OLMO4.2	\$136.00 /sample	1	0	\$0
	Metals and Cyanide	OLMO4.2	\$90.00 /sample	1	0	\$0
<u>Water</u>	Matrix Spike					
	VOCs	OLMO4.2	\$74.00 /sample	1	4	\$296
	SVOCs	OLMO4.2	\$188.00 /sample	1	0	\$0
	Pesticides/PCBs	OLMO4.2	\$136.00 /sample	1	0	\$0
	Metals and Cyanide	OLMO4.2	\$90.00 /sample	1	0	\$0
	Matrix Spike Duplicate					
	VOCs	OLMO4.2	\$74.00 /sample	1	4	\$296
	SVOCs	OLMO4.2	\$188.00 /sample	1	0	\$0
	Pesticides/PCBs	OLMO4.2	\$136.00 /sample	1	0	\$0
	Metals and Cyanide	OLMO4.2	\$90.00 /sample	1	0	\$0
	Matrix Spike Blank					
	VOCs	OLMO4.2	\$74.00 /sample	1	4	\$296
	SVOCs	OLMO4.2	\$188.00 /sample	1	0	\$0
	Pesticides/PCBs	OLMO4.2	\$136.00 /sample	1	0	\$0
	Metals and Cyanide	OLMO4.2	\$90.00 /sample	1	0	\$0
SUBTOTAL						\$3,848
SUBCONTRACT MANAGEMENT FEE						\$192
TOTAL						\$4,040

SCHEDULE 2.11 (f) 2
UNIT PRICE SUBCONTRACTS
 Trimmer Road Site
 Work Assignment Number D004446-2

<u>NAME OF SUBCONTRACTOR</u>	<u>SERVICES TO BE PERFORMED</u>	<u>SUBCONTRACT PRICE</u>	<u>MANAGEMENT FEE*</u>
Property Construction Services, LLC	Mowing	\$6,600.00	\$330.00
<u>Item</u>	<u>Maximum Reimbursement Rate</u>	<u>Estimated No. of Units</u>	<u>Total Estimated Costs</u>
Mowing (Twice per year for 3 years)	\$1,100.00 /event	6 event	\$6,600
	SUBTOTAL		\$6,600
	SUBCONTRACT MANAGEMENT FEE*		\$330
	TOTAL		\$6,930

* - subcontractor is WBE and management fee of 5% applies

Trimmer Road Site
 Work Assignment Number D004446-2
 Task No./Name: All Tasks
 Complete: 0.00%

SCHEDULE 2.11 (g)
 SUMMARY

Page 1 of 8
 Date Prepared:
 Billing Period:
 Invoice No.:

MONTHLY COST CONTROL REPORT SUMMARY OF FISCAL INFORMATION								
Expenditure Category	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+B1)	E Estimated Costs To Completion	F Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1. Direct Salary Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$34,893	0.00
2. Indirect	0.00	0.00	0.00	0.00	0.00	0.00	\$52,688	0.00
3. Subtotal Direct Salary Costs and Indirect Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$87,580	0.00
4. Travel	0.00	0.00	0.00	0.00	0.00	0.00	\$5,137	0.00
5. Other Non-Salary Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$3,425	0.00
6. Subtotal Direct Non-Salary Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$8,561	0.00
7a. Subcontractors	0.00	0.00	0.00	0.00	0.00	0.00	\$18,239	0.00
7b. Sub Management Fee	0.00	0.00	0.00	0.00	0.00	0.00	\$522	0.00
8. Total Work Assignment Cost	0.00	0.00	0.00	0.00	0.00	0.00	\$114,903	0.00
9. Fixed Fee	0.00	0.00	0.00	0.00	0.00	0.00	\$10,072	0.00
10. Total Work Assignment Price	0.00	0.00	0.00	0.00	0.00	0.00	\$124,975	0.00

Project Manager (Engineer) _____

Date _____

Engineer: Dvirka & Bartilucci

Trimmer Road Site
Work Assignment Number D004446-2

SCHEDULE 2.11(g) SUPPLEMENTAL
MONTHLY COST CONTROL REPORT
SUBCONTRACTS

Page 2 of 8
Date Prepared:
Billing Period:
Invoice No.:

Subcontract Name		Subcontract Costs claimed this Application <u>Incl. Resubmittals</u>	Subcontract Costs Approved for Payment on Previous Application	Total Subcontract Costs to Date (A plus B)	Subcontract Approved Budget	Managemnt Fee Budget	Managemnt Fee Paid	Total Costs To Date
1	Emilcott Associates Health & Safety S	0.00	0.00	0.00	\$960	\$0		
2	EcoLogic, LLC Sampling Assistar	0.00	0.00	0.00	\$6,831	\$0		
3	C+FF Sub 3 C+FF Des 3	0.00	0.00	0.00		\$0		
4	C+FF Sub 4 C+FF Des 4	0.00	0.00	0.00		\$0		
5	MITKEM, Inc. Sample Analysis	0.00	0.00	0.00	\$3,848	\$192		
6	Property Construction S Mowing	0.00	0.00	0.00	\$6,600	\$330		
7	Unit Price Sub 3 Unit Price Des 3	0.00	0.00	0.00		\$0		
8	Unit Price Sub 4 Unit Price Des 4	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>		<u>\$0</u>		
Total					\$18,239	\$522		

Trimmer Road Site
 Work Assignment Number D004446-2
 Task No./Name: 1/Work Plan Development
 Complete: 0.00%

SCHEDULE 2.11(g)

Page 3 of 8
 Date Prepared:
 Billing Period:
 Invoice No.:

MONTHLY COST CONTROL REPORT
 SUMMARY OF FISCAL INFORMATION

	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+B1)	E Estimated Costs To Completion	F Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1. Direct Salary Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$1,089	0.00
2. Indirect	0.00	0.00	0.00	0.00	0.00	0.00	\$1,644	0.00
3. Subtotal Direct Salary Costs and Indirect Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$2,733	0.00
4. Travel	0.00	0.00	0.00	0.00	0.00	0.00	\$0	0.00
5. Other Non-Salary Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$50	0.00
6. Subtotal Direct Non-Salary Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$50	0.00
7a. Subcontractors	0.00	0.00	0.00	0.00	0.00	0.00	\$0	0.00
7b. Sub Management Fee	0.00	0.00	0.00	0.00	0.00	0.00	\$0	0.00
8. Total Work Assignment Cost	0.00	0.00	0.00	0.00	0.00	0.00	\$2,783	0.00
9. Fixed Fee	0.00	0.00	0.00	0.00	0.00	0.00	\$314	0.00
10. Total Work Assignment Price	0.00	0.00	0.00	0.00	0.00	0.00	\$3,098	0.00

Project Manager (Engineer) _____

Date _____

Trimmer Road Site
 Engineer: Dvirka & Bartilucci
 Task No./Name: 2/Remedial Construction Management
 Complete: 0.00%

SCHEDULE 2.11(g)

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 Date Prepared:
 Billing Period:
 Invoice No.:

MONTHLY COST CONTROL REPORT SUMMARY OF FISCAL INFORMATION								
	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+B1)	E Estimated Costs To Completion	F Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1. Direct Salary Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$20,307	0.00
2. Indirect	0.00	0.00	0.00	0.00	0.00	0.00	\$30,664	0.00
3. Subtotal Direct Salary Costs and Indirect Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$50,971	0.00
4. Travel	0.00	0.00	0.00	0.00	0.00	0.00	\$4,745	0.00
5. Other Non-Salary Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$1,402	0.00
6. Subtotal Direct Non-Salary Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$6,147	0.00
7a. Subcontractors	0.00	0.00	0.00	0.00	0.00	0.00	\$960	0.00
7b. Sub Management Fee	0.00	0.00	0.00	0.00	0.00	0.00	\$0	0.00
8. Total Work Assignment Cost	0.00	0.00	0.00	0.00	0.00	0.00	\$58,078	0.00
9. Fixed Fee	0.00	0.00	0.00	0.00	0.00	0.00	\$5,862	0.00
10. Total Work Assignment Price	0.00	0.00	0.00	0.00	0.00	0.00	\$63,939	0.00

Project Manager (Engineer) _____

Date _____

Trimmer Road Site
 Engineer: Dvirka & Bartilucci
 Task No./Name: 3/Review of Payment Applications
 Complete: 0.00%

SCHEDULE 2.11(g)

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 Date Prepared:
 Billing Period:
 Invoice No.:

MONTHLY COST CONTROL REPORT SUMMARY OF FISCAL INFORMATION								
	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+B1)	E Estimated Costs To Completion	F Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1. Direct Salary Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$3,090	0.00
2. Indirect	0.00	0.00	0.00	0.00	0.00	0.00	\$4,666	0.00
3. Subtotal Direct Salary Costs and Indirect Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$7,755	0.00
4. Travel	0.00	0.00	0.00	0.00	0.00	0.00	\$0	0.00
5. Other Non-Salary Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$200	0.00
6. Subtotal Direct Non-Salary Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$200	0.00
7a. Subcontractors	0.00	0.00	0.00	0.00	0.00	0.00	\$0	0.00
7b. Sub Management Fee	0.00	0.00	0.00	0.00	0.00	0.00	\$0	0.00
8. Total Work Assignment Cost	0.00	0.00	0.00	0.00	0.00	0.00	\$7,955	0.00
9. Fixed Fee	0.00	0.00	0.00	0.00	0.00	0.00	\$892	0.00
10. Total Work Assignment Price	0.00	0.00	0.00	0.00	0.00	0.00	\$8,847	0.00

Project Manager (Engineer) _____

Date _____

Trimmer Road Site
 Engineer: Dvirka & Bartilucci
 Task No./Name: 4/Remediation Report
 Complete: 0.00%

SCHEDULE 2.11(g)

Page 6 of 8
 Date Prepared:
 Billing Period:
 Invoice No.:

MONTHLY COST CONTROL REPORT
 SUMMARY OF FISCAL INFORMATION

	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+B1)	E Estimated Costs To Completion	F Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1. Direct Salary Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$2,248	0.00
2. Indirect	0.00	0.00	0.00	0.00	0.00	0.00	\$3,395	0.00
3. Subtotal Direct Salary Costs and Indirect Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$5,643	0.00
4. Travel	0.00	0.00	0.00	0.00	0.00	0.00	\$0	0.00
5. Other Non- Salary Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$200	0.00
6. Subtotal Direct Non-Salary Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$200	0.00
7a. Subcontractors	0.00	0.00	0.00	0.00	0.00	0.00	\$0	0.00
7b. Sub Management Fee	0.00	0.00	0.00	0.00	0.00	0.00	\$0	0.00
8. Total Work Assignment Cost	0.00	0.00	0.00	0.00	0.00	0.00	\$5,843	0.00
9. Fixed Fee	0.00	0.00	0.00	0.00	0.00	0.00	\$649	0.00
10. Total Work Assignment Price	0.00	0.00	0.00	0.00	0.00	0.00	\$6,491	0.00

Project Manager (Engineer)

Date

Trimmer Road Site
 Engineer: Dvirka & Bartilucci
 Task No./Name: 5/Site Management Plan
 Complete: 0.00%

SCHEDULE 2.11(g)

Page 7 of 8
 Date Prepared:
 Billing Period:
 Invoice No.:

MONTHLY COST CONTROL REPORT SUMMARY OF FISCAL INFORMATION								
	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+B1)	E Estimated Costs To Completion	F Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1. Direct Salary Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$1,612	0.00
2. Indirect	0.00	0.00	0.00	0.00	0.00	0.00	\$2,434	0.00
3. Subtotal Direct Salary Costs and Indirect Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$4,045	0.00
4. Travel	0.00	0.00	0.00	0.00	0.00	0.00	\$0	0.00
5. Other Non-Salary Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$200	0.00
6. Subtotal Direct Non-Salary Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$200	0.00
7a. Subcontractors	0.00	0.00	0.00	0.00	0.00	0.00	\$0	0.00
7b. Sub Management Fee	0.00	0.00	0.00	0.00	0.00	0.00	\$0	0.00
8. Total Work Assignment Cost	0.00	0.00	0.00	0.00	0.00	0.00	\$4,245	0.00
9. Fixed Fee	0.00	0.00	0.00	0.00	0.00	0.00	\$465	0.00
10. Total Work Assignment Price	0.00	0.00	0.00	0.00	0.00	0.00	\$4,711	0.00

Project Manager (Engineer) _____

Date _____

Trimmer Road Site
 Engineer: Dvirka & Bartilucci
 Task No./Name: 6/Operations, Maintenance & Monitoring
 Complete: 0.00%

SCHEDULE 2.11(g)

Page 8 of 8
 Date Prepared:
 Billing Period:
 Invoice No.:

MONTHLY COST CONTROL REPORT
 SUMMARY OF FISCAL INFORMATION

	A Costs Claimed This Period	B Paid To Date	C Total Disallowed To Date	D Total Costs Incurred To Date (A+B+B1)	E Estimated Costs To Completion	F Total Work Assignment Price (A+B+E)	G Approved Budget	H Estimated Under/(Over) (G-F)
1. Direct Salary Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$6,547	0.00
2. Indirect	0.00	0.00	0.00	0.00	0.00	0.00	\$9,886	0.00
3. Subtotal Direct Salary Costs and Indirect Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$16,433	0.00
4. Travel	0.00	0.00	0.00	0.00	0.00	0.00	\$392	0.00
5. Other Non-Salary Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$1,373	0.00
6. Subtotal Direct Non-Salary Costs	0.00	0.00	0.00	0.00	0.00	0.00	\$1,765	0.00
7a. Subcontractors	0.00	0.00	0.00	0.00	0.00	0.00	\$17,279	0.00
7b. Sub Management Fee	0.00	0.00	0.00	0.00	0.00	0.00	\$522	0.00
8. Total Work Assignment Cost	0.00	0.00	0.00	0.00	0.00	0.00	\$35,999	0.00
9. Fixed Fee	0.00	0.00	0.00	0.00	0.00	0.00	\$1,890	0.00
10. Total Work Assignment Price	0.00	0.00	0.00	0.00	0.00	0.00	\$37,889	0.00

Project Manager (Engineer)

Date

Scedule 2.11 (h)

Trimmer Road Site
Work Assignment Number D004446-2

Date Prepared:
Billing Period
Invoice No.

Monthly Cost Control Report
Summary of Labor Hours
Expended to Date/Estimated To Completion

NSPE Labor Classification	IX EXP/EST	VIII EXP/EST	VII EXP/EST	VI EXP/EST	V EXP/EST	IV EXP/EST	III EXP/EST	I & II EXP/EST	ADMIN/ SUPPORT	TOTAL NUMBER OF DIRECT LABOR HOURS EXP/EST
Task 1	0/ 1	0/ 0	0/ 0	0/ 0	0/ 12	0/ 0	0/ 16	0/ 6	0/ 6	0/ 35
Task 2	0/ 4	0/ 8	0/ 0	0/ 0	0/ 150	0/ 0	0/ 442	0/ 28	0/ 28	0/ 632
Task 3	0/ 1	0/ 0	0/ 0	0/ 0	0/ 16	0/ 0	0/ 72	0/ 12	0/ 12	0/ 101
Task 4	0/ 1	0/ 4	0/ 0	0/ 0	0/ 14	0/ 0	0/ 40	0/ 10	0/ 10	0/ 69
Task 5	0/ 2	0/ 2	0/ 0	0/ 0	0/ 10	0/ 0	0/ 24	0/ 12	0/ 12	0/ 50
Task 6	0/ 2	0/ 0	0/ 0	0/ 0	0/ 56	0/ 0	0/ 120	0/ 32	0/ 32	0/ 210
Total Hours	0/ 11	0/ 14	0/ 0	0/ 0	0/ 258	0/ 0	0/ 714	0/ 100	0/ 100	0/ 1097

MBE/WBE
 UTILIZATION PLAN
 SUMMARY
 Trimmer Road Site
 Work Assignment Number D004446-2

<u>Areas to be Subcontracted</u>	<u>Subcontractor Name</u>	<u>MBE/WBE</u>	<u>Total Subcontract Value</u>	<u>% MBE/WBE Utilization</u>
Sample Analysis	MITKEM, Inc.	MBE	\$3,848	3.1%
Sampling Assistance	EcoLogic, LLC	WBE	\$6,831	5.5%
Mowing	Property Construction Services, LLC	WBE	\$6,600	5.3%
Total MBE Utilization	<u>MBE Subcontract Value</u> Total Contract Value	=	<u>\$3,848</u> \$124,975	3.1%
Total WBE Utilization	<u>WBE Subcontract Value</u> Total Contract Value	=	<u>\$13,431</u> \$124,975	10.7%