



October 26, 2010

Ms. Andrea Indelicato  
New York State Department of Environmental Conservation  
Division of Environmental Remediation  
Bureau of Program Management, Room 1224  
625 Broadway  
Albany, New York 12233-7012

**Subject: Executive Summary for Work Assignment D006132-14  
Granite Pointe Subdivision Off-Site**

Dear Ms. Indelicato:

Shaw Environmental and Infrastructure Engineering of New York, P.C. (Shaw) is submitting the attached 2.11 budget summary and checklist for tasks one through four of the Granite Pointe Subdivision Off-Site Project (Site Number C360107A). As detailed in the work assignment provided to Shaw the site is an approximately 1.9 acre undeveloped shoreline that is the off-site portion of a Brownfield Cleanup Program (BCP) site located in Somers, NY.

### **Background/Remedial History**

The Site, located off of Tomahawk road, adjacent to the Amawalk Reservoir is currently considered lands of the City of New York and is located adjacent to a 28.8 acre property listed as Section 27.05 Block 3, lots 2 and 5 in the Town of Somers. The site is currently undeveloped and has no previous remedial history.

The adjacent site is part of a Brownfield Cleanup Program (BCP) with historical use for trap shooting and target shooting. A Remedial Investigation (conducted 2003 through 2007) and a Pre-Design Delineation Study (conducted in 2009) have been completed at the BCP site. These studies have confirmed that these prior site uses have contaminated the BCP site with lead and semi-volatile organic compounds.

### **Project Scope**

The scope of services discussed below is based upon Work Assignment (WA) D006132-14 provided to Shaw on September 28, 2010 and subsequent meetings and email correspondence with the New York State Department of Environmental Conservation (NYSDEC). Site activities will be completed in accordance with this October 2010 cost estimate/work scope. Shaw assumes that the first phase of field work will be completed prior to December 31, 2010 and that the final report will be completed prior to March 31, 2011 as reflected on the attached 2.11.

Please note that Shaw labor costs include direct costs (using average reimbursement rates), indirect costs and fixed fee items. Shaw awarded the soil and groundwater analysis to Katahdin, a New York certified Woman Business Enterprise (WBE) as they were the next vendor in Shaw’s standby laboratory rotation. Shaw has included costs for the analysis of 145 soil samples (128 soil plus seven (7) duplicates and seven (7) MS/MSD samples) and seven rinse blank water samples. It is anticipated that soil samples will be collected by hand using a power auger every six inches to an approximate depth of four feet at each of the 16 locations. The cost of the 145 soil samples and seven rinse blank samples is \$3,990.00.

Site-specific cost estimates were solicited from five qualified data validation companies (Environmental Data Services, Environmental Data Validation, Data Validation Services, Stone Environmental and Environmental Quality Associates) to complete the data usability summary report (DUSR). Shaw awarded the work to Data Validation Services (DVS) a WBE, who submitted the lowest bid. The award is for \$782.25 which is less than 5% of the total Work Assignment.

**Task 1 – Preliminary Activities**

This task includes a scoping meeting to discuss this project, complete the initial site visit with the NYSDEC Project Manager as well as the time to develop the 2.11s, progress schedule, site specific HASP, and this executive summary/workplan.

This task includes the following items and assumptions:

- Scoping Meeting (1 meeting);
- Trip to the Site (1 day);
- File review (1 day);
- Site Specific HASP;
- 2.11s, progress schedule, and preparation of this executive summary.

<b>Shaw Labor</b>	<b>\$ 3,372</b>
<b>Travel/Materials</b>	<b><u>\$ 177</u></b>
<b>TOTAL</b>	<b>\$ 3,549</b>

**Task 2 – Surveys/Investigations Environmental Sampling and Implementation**

The primary objective of this task is to determine if off-site impacts exist adjacent to the BCP site. This task includes the time and materials required for the completion of soil sampling at 16 locations to a depth of approximately 4 ft bgs.

Pre-Field Work

Shaw will coordinate site investigation activities with the current on-site owner (if necessary), subcontractors and the NYSDEC to verify the locations for all proposed soil sampling locations (**Figure 1**). NYSDEC personnel will be responsible for the initial notification and contact with the site owner to establish access.

Surface Soil Sampling

The generalized scope of work is to collect surface soil (first six inches below ground surface) samples at each location. Proposed sampling locations are located on **Figure 1**.

Surface Soil/Soil Sampling

The generalized scope of work is to advance soil borings (using a power auger) at sixteen locations to a depth of approximately 4 ft bgs to assess soil conditions at the site. One surface soil sample will be collected within the first six inches at each location and seven soil samples will be collected every six inches thereafter for laboratory analysis. Additionally, quality control samples will be collected (7 duplicates, 7 MS/MSDs and 7 rinse blanks). All samples will be analyzed for Lead. Proposed sampling locations are included on **Figure 1**.

Upon completion of the field work, soil sampling locations will be surveyed utilizing a Trimble unit. An updated map of the site will be developed.

This task includes the following assumptions:

- Soil Sampling/Installation: 2 days
- Survey of all site sampling locations: 1 day

<b>Shaw Labor</b>	<b>\$ 2,450</b>
<b>Subcontractor Costs</b>	<b>\$ 4,772</b>
<b>Travel/Materials</b>	<b><u>\$ 1,474</u></b>
<b>TOTAL</b>	<b>\$ 8,696</b>

**Task 3 – Surveys/Investigations Environmental Sampling and Implementation**

No costs have been included for this task due to a change in project scope directed by the NYSDEC.

**Task 4 – Final Report**

This task includes the costs for providing a report summarizing all work performed and completed at the Site. The report will be issued to the NYSDEC for review no later than 30 days after receiving all validated site

sampling data. The report will include the field sampling methods, sample analytical results (in text and tables), maps, and photographs.

Once NYSDEC comments have been received, Shaw will incorporate them into the final report. Shaw will issue NYSDEC one copy of the final report including, text, tables, figures/maps (i.e. site location, analyte detections for each media, etc), photographs, etc in “bookmarked” pdf format on compact disc as well as the number of hard copy reports requested by the NYSDEC.

Additionally, Shaw will submit all original chain of custodies, any related sampling and inspection forms as well as a copy of any data usability reports to the NYSDEC.

<b>Shaw Labor</b>	<b>\$ 4,159</b>
<b>Travel/Materials</b>	<b><u>\$ 389</u></b>
<b>TOTAL</b>	<b>\$ 4,548</b>
<b>WORK ASSIGNMENT TOTAL</b>	<b>\$16,793</b>

#### Schedule

Field work will commence within 30 days of submission and approval of this Draft Work Plan to the NYSDEC. Upon approval of the work plan and approval of site access by the NYSDEC, Shaw will schedule the field work with the approved HSA drilling contractor. The following schedule is proposed:

- Shaw will schedule a site visit within 2 weeks of the 2.11 approval;
- Shaw anticipates that the initial surveys/investigations/environmental sampling effort (Task 2) can be completed in five days;
- Analytical results will be received in a Category B deliverable format from the ELAP-approved laboratory within 28 days of sample receipt;
- All samples collected during the site investigation will be submitted to an approved third party data validation contractor. The data validation contractor will provide a data validation/usability report within 30 days of receipt of analytical results;
- The results of these investigative activities will be included in a draft letter report. The report will include tabulated data, figures, sample location maps, “spider” maps for exceedences and contaminant concentration plots. Three copies of the draft report will be submitted to the NYSDEC for review and comment within 90 days after completion of field work;
- Shaw will revise the summary report according to the comments provided by the NYSDEC. The report and EDD will be provided to the NYSDEC and NYSDOH within 30 days after receipt of comments and,

- This cost estimate includes no field subcontractors (drillers, direct push, etc.) as requested and prevailing wage rates have not been used for Shaw staff.

Sincerely,



Jennifer Flanagan  
Project Scientist  
Shaw Environmental & Infrastructure Engineering of New York, P.C.

Please Reply To: Jennifer Flanagan

Phone: 518.785.2347

E-Mail Address: [Jennifer.Flanagan@shawgrp.com](mailto:Jennifer.Flanagan@shawgrp.com)



David C. Stoll, P.G.  
Program Manager  
Shaw Environmental & Infrastructure Engineering of New York, P.C.

Please Reply To: David Stoll

Phone: 518.785-2362

E-Mail Address: [Dave.Stoll@shawgrp.com](mailto:Dave.Stoll@shawgrp.com)

Attachment: Work Assignment Cost Schedule 2.11 Package

**Granite Pointe Subdivision Off-Site**  
**Work Assignment Cost Schedule 2.11**

New York State Department of Environmental Conservation  
Superfund Standby Contract

Work Assignment #: D006132-14

Oct-10

This cost schedule represents costs for the tasks of Preliminary Activities (Task 1), Surveys/Investigations  
Environmental Sampling and Implementation (Task 2), Final Report (Task 4)

NYSDEC Project Manager: Randy Whitcher

Shaw Environmental and Infrastructure Engineering of New York, P.C.

Shaw Project Manager: David Stoll

**Cost Review for Schedule 2.11 Package**

Contractor Name: *SHAW E&S OF NY P.C.*  
 WA # and Name: *GRANITE PT SUBDIVISION D006132-14*

Date: *10/20/10*  
 Reviewer: *David Stoll*

GENERAL COST REVIEW CHECKLIST		Yes	No	Comments
	A complete set of 2.11 Schedules (a) through (h) is attached.	✓		
	Budget package includes a cover letter and an M/WBE Utilization Plan.	✓		<i>M/WBE UPON APPROVAL</i>
<b>1</b>	<b>Cover Letter</b>			
	Provides brief justification of the budget supported by the 2.11s.	✓		
	Anticipated completion date(s) for the work are included. For amendments, there is an explanation of how the submittal affects the existing schedule.	✓		
	Duration of anticipated work does not exceed the next fiscal year. (Work subsequent to that should be part of a future amendment or new work assignment.)		✓	<i>RPT IN 2011</i>
	If proposing work for multiple years, a brief justification is included.	✓		
	Includes anticipated billings by State fiscal year. For amendments, both the unexpended budget and the new costs being added are identified.	✓		
	If an amendment, the current status of work (what's completed/billed, what remains) is provided.			<i>N/A</i>
<b>2</b>	<b>Schedule 2.11(b) - Direct Labor</b>			
	Average reimbursement rates are used for each year. Future years escalate 3%.	✓		
	Hours are segregated by year.	✓		
	Total cost for each NSPE level is shown.	✓		
	Total direct labor costs match amounts on Schedule 2.11(a).	✓		
	The Principal's (NSPE IX) labor hours charged to WA are less than 2% of the total.	✓		
	Total labor hours match hours on Schedule 2.11(h).	✓		
<b>3</b>	<b>Schedule 2.11(b-1) - Direct Administrative Labor Hours</b>			
	Breakdown of Schedule 2.11(b-1) is reasonable, i.e., admin LOE is within acceptable guideline of <4% of overall WA LOE. Justification is attached for any exceedance.	✓		
<b>4</b>	<b>Schedules 2.11(c) and (d) - Direct Non-Salary Costs</b>			
	Rates listed in Schedule 2.11(c) are consistent with contract.	✓		
	Rates for in-house and/or misc. costs match contract Schedule 2.10(b) or 2.10(c) (2).	✓		
	Quotes are included for any non-contract item (including equipment purchases & rentals; excluding air fare) >\$1k. If sufficient number of quotes are unavailable, an engineer's estimate must be provided. The low quote has been selected.	✓		
	All costs are allowable, e.g., office telephone and office shipping cannot be reimbursed as a direct cost if they're included in ICR. Field costs must be receipted.	✓		
	Appropriate lodging/per diem/mileage rates are used.	✓		
	Schedule 2.11(d)1 - All equipment purchased is supported by cost justification that's acceptable to the CM. Equipment is to be maintained by the contractor or turned over to DEC, and it must be added to contractor's inventory list (include a revised copy).			<i>N/A</i>
	Schedule 2.11(d)2 - Rates for consultant-owned equipment match Schedule 2.10(c).			<i>RENTAL EQUIP</i>
	Schedule 2.11(d)4 - Includes equipment to be used only on the WA (such as blower purchased to upgrade SVE system).	✓		
	Other direct costs (no. of field days, lodging, and field equipment usage) are reasonable based on field work schedule or supporting documentation.	✓		
	Total of direct non-salary costs matches the amount on Schedule 2.11(a).	✓		

5	<b>Schedule 2.11(e) - Cost-plus-fixed-fee subcontracts</b>		
	Proposed subconsultant is on standby or has DEC-approved rates with another standby consultant. Otherwise, financial information required for cost analysis must be submitted.		N/A
	Standby subcontract is active and rates (salary, direct and indirect costs, and fixed fee) match contract rates.		N/A
	A breakdown of direct non-salary costs is provided.		N/A
	Total subcontract cost matches amount on Schedule 2.11(a).		N/A
	Subcontractor has justified/obtained adequate quotes for any further subcontracted work.		N/A
	Subcontractor certification(s) have been submitted.		N/A
6	<b>Schedule 2.11(f) - Unit Price Subcontracts</b>		
	There are quotes for non-standby subcontracts >\$1k. Bids are comparable (quantities and items) and provide unit costs plus job total. If sufficient number of quotes are unavailable, an engineer's estimate must be provided. The low quote has been selected.	✓	
	<i>Standby Drillers</i> (Two phase process) - Quotes from all standbys are attached. Proper unit costs and mobilization/demobilization costs are used. The low quote has been selected. Explanation for declinations has been provided.		N/A
	<i>Standby Labs and Data Validators</i> (rotate use) - Unit costs match those in contract(s).	✓	
	<i>M/WBE</i> - Cost reasonableness of sole/single source M/WBE contracts <\$10k are documented by an engineer's estimate.		N/A
	Cost reasonableness of sole/single source contracts are documented by an engineer's estimate or other cost comparisons (e.g., historical costs, pricing guides).		N/A
	Placeholders are used only for non-standby subcontractors.		N/A
	Cost reasonableness of placeholder subcontractors are documented by an engineer's estimate or other cost comparisons.		N/A
	Correct contract management fee is calculated only on non-professional unit priced subs >\$10k and M/WBE firms from \$1. (Management fee is not allowed on professional engineering firms, architects, or surveyors unless the contract specifically allows it.)	✓	
	Total subcontract costs match the amounts on Schedule 2.11(a).	✓	
	Justification is attached for subcontracts >\$100,000 supporting a determination not to design and competitively bid the work. Response-type activities (drum removals, other construction-type activities) must be competitively bid unless otherwise approved.		N/A
	Subcontractor certification(s) have been submitted.	✓	
7	<b>Schedule 2.11(g) - Cost Control Report</b>		
	Individual 2.11(g)s equal Summary 2.11(g) and costs match those on 2.11(a).	✓	
8	<b>Schedule 2.11(g) - Supplemental - Cost Control Report (subs)</b>		
	Includes all applicable subcontracts and management fees (for unit price only).	✓	
9	<b>Schedule 2.11(a)</b>		
	Rates for indirect and fixed fee match contract rates.	✓	
	All numbers rolled up into Schedule 2.11(a) add up.	✓	

rev. 8/23/10



**SCHEDULE 2.11(a)**

**SUMMARY OF WORK ASSIGNMENT PRICE**

**Work Assignment #: D006132-14**

Printed: 10/26/10

1	Direct Salary Costs (Schedules 2.10(a) and 2.11 (b))	\$4,160
2	Indirect Costs (Schedule 2.10(g))	\$4,784
3	Direct Non-Salary Costs (Schedules 2.10(b)(c)(d) and 2.11(c)(d))	\$2,040
4	Subcontract Costs	

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

	<u>Name of Subcontractor</u>	<u>Services to be Performed</u>	<u>Subcontract Price</u>
i.)			_____
ii.)			_____
iii.)			_____
<b>A)</b>	<b>Total Cost-Plus-Fixed-Fee Subcontracts</b>		<b>\$0</b>

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

	<u>Name of Subcontractor</u>	<u>Services to be Performed</u>	<u>Subcontract Price</u>
i.)	Katahdin	Analysis of soil samples	\$3,800
ii.)	Data Validation Services	DUSR Report	\$745
iii.)			_____
iv)			_____
iv)			_____
iv)			_____

<b>B)</b>	<b>Total Unit Price Subcontracts</b>	<b>\$4,545</b>
5	Subcontract Management Fee	\$227
6	Total Subcontract Costs (lines 4A + 4B + 5)	\$4,772
7	Fixed Fee (Schedule 2.10(h))	\$1,037
8	Total Work Assignment Price (1+2+3+6+7)	\$16,793

Engineer/Contract#:   
 Project Name:   
 Work Assignment No.:

D006132   
 Granite Pointe Subdivision Off-Site   
 D006132-14

Date Prepared: 10/12/2010 14:16

**Schedule 2.11(b)**  
**Direct Labor Hours Budgeted**

Labor Classification	IX		VIII		VII		VI		V		IV		III		II		I		Total Direct Labor Hours	
	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost
*Av. Salary Rate (\$) (Year: 2010)	\$56.60		\$47.59		\$43.24		\$37.25		\$33.23		\$29.78		\$25.54		\$19.98		\$14.60			
Description	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost		
Task 1	1	\$56.60		\$0.00		\$0.00		\$0.00		\$0.00	30	\$893.40	10	\$255.40	10	\$199.80		\$0.00	51	\$1,405.20
Task 2		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	30	\$893.40	5	\$127.70		\$0.00		\$0.00	35	\$1,021.10
Task 3		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00
Task 4		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00
Task 9																			0	\$0.00
Total Hours	1		0		0		0		0		60		15		10		0		86	
Total Direct Labor Cost		\$56.60		\$0.00		\$0.00		\$0.00		\$0.00		\$1,786.80		\$383.10		\$199.80		\$0.00		\$2,426.30
Labor Classification	IX		VIII		VII		VI		V		IV		III		II		I		Total Direct Labor Hours	
*Av. Salary Rate (\$) (Year: 2011)	\$58.30		\$49.02		\$44.54		\$38.37		\$34.23		\$30.67		\$26.31		\$20.58		\$15.04			
Description	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost		
Task 1		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00
Task 2		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00
Task 3		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00		\$0.00	0	\$0.00
Task 4	2	\$116.60		\$0.00		\$0.00		\$0.00		\$0.00	40	\$1,226.94	7	\$184.14	10	\$205.79		\$0.00	59	\$1,733.47
Total Hours	2		0		0		0		0		40		7		10		0		59	
Total Direct Labor Cost		\$116.60		\$0.00		\$0.00		\$0.00		\$0.00		\$1,226.94		\$184.14		\$205.79		\$0.00		\$1,733.47
<b>Total Hours</b>	<b>3</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>100</b>		<b>22</b>		<b>20</b>		<b>0</b>		<b>145</b>	
<b>Total Direct Labor Cost Years: 2010 &amp; 2011</b>		<b>\$173.20</b>		<b>\$0.00</b>		<b>\$0.00</b>		<b>\$0.00</b>		<b>\$0.00</b>		<b>\$3,013.74</b>		<b>\$567.24</b>		<b>\$405.59</b>		<b>\$0.00</b>		<b>\$4,159.77</b>

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

Engineer/Contract#: D006132  
 Project Name: Granite Pointe Subdivision Off-Site  
 Work Assignment No.: D006132-14

Date Prepared: 10/26/2010 11:34

**Schedule 2.11(b)1**  
**Direct Administrative Hours Budgeted**

Labor Classification	IX	VIII	VII	VI	V	IV	III	II	I	Total Direct Administrative Labor
Task 1	1					1				2
Task 2										0
Task 3										0
Task 4	1					2				3
Task 5										0
Task 6										0
Task 7										0
Task 8										0
Task 9										0
Task 10										0
Task 11										0
Task 12										0
<b>Total Hours</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>

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

- |   |   |  |
|---|---|--|
| <ul style="list-style-type: none"> <li>1) Work Plan Budget Development           <ul style="list-style-type: none"> <li>• Conflict of Interest check</li> <li>• Budget schedules &amp; Supporting documentation</li> </ul> </li> <li>2) Review work assignment (WA) progress           <ul style="list-style-type: none"> <li>• Conduct progress reviews</li> <li>• Prepare monthly progress schedule</li> <li>• Update WA progress schedule</li> <li>• Prepare M/WBE Utilization Report</li> </ul> </li> <li>3) Contractor Application for Payment (CAP)           <ul style="list-style-type: none"> <li>• Oversee and prepare monthly CAP</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>4) Program Management           <ul style="list-style-type: none"> <li>• Prepare monthly cost control report</li> <li>• Cost control report</li> <li>• Staffing plans</li> <li>• Manage Subcontracts</li> <li>• NSPE list update</li> <li>• Equipment inventory</li> </ul> </li> <li>5) Miscellaneous           <ul style="list-style-type: none"> <li>• Conduct Health and Safety Reviews</li> <li>• Work processing and graphic artists</li> <li>• Report editing</li> </ul> </li> </ul> | <p>Contract/Project administrations hours would <b>not</b> include:</p> <ul style="list-style-type: none"> <li>1) QA/QC reviews</li> <li>2) Technical oversight by management</li> <li>3) Develop subcontracts</li> <li>4) Work plan development</li> <li>5) Review of deliverables</li> </ul> |
|---|---|--|

Engineer/Contract#: D006132  
 Project Name: Granite Pointe Subdivision Off-Site  
 Work Assignment No.: D006132-14

**SCHEDULE 2.11(c)**

Printed: 10/26/10

**Direct Non-Salary Costs**

Item	Estimated Cost (\$)	Max. Reimbursement Rate	Units	Est. No of Units	Total
A) <i>Sample Analysis Rates (In-House Costs Only, for Subcontracts see Schedule 2.10(f) and 2.11 (f))*</i>					
NOT APPLICABLE - Intentionally left blank					
B) <i>Miscellaneous (Travel - Lodging, Meals, Transportation see Schedule 2.10(d) for rates)</i>					
1	Personal Protective Equipment (Level D)	\$15.00	Man-day	1	\$15.00
2	Personal Protective Equipment (Level C)	\$30.00	Man-day		\$0.00
3	Personal Protective Equipment (Level B)	\$70.00	Man-day		\$0.00
4	LVE	\$0.80	per person field hr	20	\$16.00
5	Tolls	\$10.30	per trip	1	\$10.30
6	Mileage	\$0.500	mile	252	\$126.00
7	Parking	\$1.00	Hr		\$0.00
				<b>Task 1 Total:</b>	<b>\$167.30</b>
1	Personal Protective Equipment (Level D)	\$15.00	Man-day	2	\$30.00
2	Personal Protective Equipment (Level C)	\$30.00	Man-day		\$0.00
3	Personal Protective Equipment (Level B)	\$70.00	Man-day		\$0.00
4	LVE	\$0.80	per person field hr	25	\$20.00
5	Cell Phone Usage	\$30.00	Week		\$0.00
6	Tolls	\$10.30	per trip	1	\$10.30
7	Mileage	\$0.500	mile	252	\$126.00
8	Hotel	\$142.00	night	1	\$142.00
9	Breakfast	\$12.00	day	1	\$12.00
10	Dinner	\$59.00	day	1	\$59.00
				<b>Task 2 Total:</b>	<b>\$399.30</b>
1	Personal Protective Equipment (Level D)	\$15.00	Man-day		\$0.00
2	Personal Protective Equipment (Level C)	\$30.00	Man-day		\$0.00
3	Personal Protective Equipment (Level B)	\$70.00	Man-day		\$0.00
4	LVE	\$0.80	per person field hr		\$0.00
5	Cell Phone Usage	\$30.00	Week		\$0.00
6	Mileage	\$0.500	mile		\$0.00
7	Tolls	\$10.30	per trip		\$0.00
8	Hotel	\$142.00	night		\$0.00
9	Breakfast	\$12.00	day		\$0.00
10	Dinner	\$59.00	day		\$0.00
11	Gas	\$40.00	tank		\$0.00
12	Rental Car	\$40.00	day		\$0.00
				<b>Task 3 Total:</b>	<b>\$0.00</b>

Engineer/Contract#:   
 Project Name:   
 Work Assignment No.:

D006132   
 Granite Pointe Subdivision Off-Site   
 D006132-14

**SCHEDULE 2.11(c)**

Printed: 10/26/10

**Direct Non-Salary Costs**

Item	Estimated Cost (\$)	Max. Reimbursement Rate	Units	Est. No of Units	Total
C) <i>Printing/Plotting or Reproduction Costs</i>					
1	Black and White - 8.5 x 11	\$0.03	copy	150	\$4.50
2	Black and White - 11 x 17	\$0.07	copy		\$0.00
3	Color - 8.5 x 11	\$0.50	copy	10	\$5.00
4	Color - 11 x 17	\$1.00	copy		\$0.00
5	Drawings black & white	\$0.35	per sq ft or approx. drawing		\$0.00
		\$2.40			\$0.00
6	Color Plots	\$2.25	per sq ft or approx. drawing		\$0.00
		\$13.50			\$0.00
				<b>Task 1 Total:</b>	<b>\$9.50</b>
1	Black and White - 8.5 x 11	\$0.03	copy	350	\$10.50
2	Black and White - 11 x 17	\$0.07	copy	65	\$4.55
3	Color - 8.5 x 11	\$0.50	copy	30	\$15.00
4	Color - 11 x 17	\$1.00	copy	48	\$48.00
5	Drawings black & white	\$0.35	per sq ft or approx. drawing		\$0.00
		\$2.40			\$0.00
6	Color Plots	\$2.25	per sq ft or approx. drawing		\$0.00
		\$13.50		23	\$310.50
				<b>Task 4 Total:</b>	<b>\$388.55</b>
<b>Total Direct Non-Salary Costs</b>					<b>\$964.65</b>

Engineer/Contract#: D006132 Date Prepared: 10/26/2010 11:34  
 Project Name: Granite Pointe Subdivision Off-Site  
 Work Assignment No.: D006132-14

**Schedule 2.11(d) 3**

**Maximum Reimbursement Rate for Vendor Rented Equipment**

Item	Max. Reimbursement	Units	Est. Usage (units of Time)	Est. Rental Cost (\$) (Col 2 x3)
MiniRae 2000	75	day		\$0.00
MiniRae 2000	200	week	2	\$400.00
DataRamTM pDR-1000	75	day		\$0.00
DataRamTM pDR-1000	190	week		\$0.00
YSI w/ turbidity meter	100	day		\$0.00
YSI w/ turbidity meter	300	week		\$0.00
O/W Interface Probe	45	day		\$0.00
O/W Interface Probe	140	week		\$0.00
Peristaltic Pump	25	day		\$0.00
Trimble Unit	200	day	2	\$400.00
Hand Auger Kit	80	day	2	\$160.00
Hertz Truck	400	LS		\$0.00
Excavator	2178.36	LS		\$0.00
<b>Task 2 Total:</b>				<b>\$960.00</b>
MiniRae 2000	75	day		\$0.00
MiniRae 2000	200	week		\$0.00
DataRamTM pDR-1000	75	day		\$0.00
DataRamTM pDR-1000	190	week		\$0.00
YSI w/ turbidity meter	100	day		\$0.00
YSI w/ turbidity meter	300	week		\$0.00
O/W Interface Probe	45	day		\$0.00
O/W Interface Probe	140	week		\$0.00
Peristaltic Pump	75	week		\$0.00
Trimble Unit	200	day		\$0.00
Hertz Truck	400	LS		\$0.00
<b>Task 3 Total:</b>				<b>\$0.00</b>
<b>TOTAL:</b>				<b>\$960.00</b>

\* Reimbursement will be made at the Maximum Reimbursement rate or the actual rental rate, whichever is less.

Engineer/Contract#: D006132 Date Prepared: 10/26/2010 11:34  
 Project Name: Granite Pointe Subdivision Off-Site  
 Work Assignment No.: D006132-14

**Schedule 2.11(d) 5**

**Consumable Supplies**

Item	Estimated Quantity	Units	Unit Cost (\$)	Total Budgeted Cost (Col 2 x3) (\$)
Gloves	1	box	\$15.00	\$15.00
Tubing	0	each	\$3.50	\$0.00
Misc	1	each	\$100.00	\$100.00
			<b>Task 2 Total:</b>	<b>\$115.00</b>
			<b>TOTAL</b>	<b>\$115.00</b>

Engineer/Contract#: \_\_\_\_\_  
 Project Name: \_\_\_\_\_  
 Work Assignment No.: \_\_\_\_\_

D006132  
 Granite Pointe Subdivision Off-Site  
 D006132-14

Date Prepared: 10/26/2010 11:34

**Schedule 2.11(f)**

**Unit Price Subcontracts**

<b>Name of Subcontractor</b>	<b>Services to be Performed</b>	<b>Subcontract Price</b>	<b>Management Fee</b>
Katahdin	Soil and GW Analytical	\$3,800.00	\$190.00

<b>Item</b>	<b>Max. Reimbursement Rate (\$)*</b>	<b>Units</b>	<b>Est. No. of Units</b>	<b>Total Est. Cost</b>
Soil Samples for Lead	\$25.00	each	124	\$3,100.00
Rinse Blank for Lead	\$25.00	each	7	\$175.00
QAQC Samples for Lead	\$25.00	each	21	\$525.00
			<b>Task 2 Total:</b>	<b>\$3,800.00</b>
		each		\$0.00
		each		\$0.00
			<b>Task 3 Total:</b>	<b>\$0.00</b>
			<b>Subcontract Total:</b>	<b>\$3,800.00</b>
			<b>Subcontract Management Fee:</b>	<b>\$190.00</b>
			<b>TOTAL:</b>	<b>\$3,990.00</b>



Engineer/Contract#: \_\_\_\_\_  
 Project Name: \_\_\_\_\_  
 Work Assignment No.: \_\_\_\_\_

D006132  
 Granite Pointe Subdivision Off-Site  
 D006132-14

Date Prepared: 10/26/2010 11:34

**Schedule 2.11(f)**

**Unit Price Subcontracts**

<b>Name of Subcontractor</b>	<b>Services to be Performed</b>	<b>Subcontract Price</b>	<b>Management Fee</b>
Data Validation Services	DUSR Report	\$782.25	\$37.25

<b>Item</b>	<b>Max. Reimbursement Rate (\$)*</b>	<b>Units</b>	<b>Est. No. of Units</b>	<b>Total Est. Cost</b>
Soil Samples for Lead	\$5.00	each	128	\$640.00
QAQC Samples for Lead	\$5.00	each	21	\$105.00
Rinse Blanks for Lead	\$0.00	each	7	\$0.00
			<b>Task 2 Total:</b>	<b>\$745.00</b>

<b>Subcontract Total:</b>	<u>\$745.00</u>
<b>Subcontract Management Fee:</b>	<u>\$37.25</u>
<b>TOTAL:</b>	<u>\$782.25</u>

**Schedule 2.11(g)**

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

PM/Engineer: David Stoll  
 Contract#: D006132  
 Project Name: Granite Pointe Subdivision Off-Site  
 Work Assignment No.: D006132-14  
 Task No./Name Task 1-4 Summary  
 Complete 0%

Page 1 of 5  
 Date Prepared: 10/26/2010 11:34  
 Billing Period \_\_\_\_\_  
 Invoice No. \_\_\_\_\_

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment	Approved Budget	Estimated Under/Over (G-F)
1 Direct Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,159.77	\$0	-\$4,160
2 Indirect Costs 115%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,783.74	\$0	-\$4,784
Subtotal Direct Salary Costs and Indirect Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,943.51	\$0	-\$8,944
3								
4 Travel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$485.60	\$0	-\$486
5 Other Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,554.05	\$0	-\$1,554
6 Subtotal Direct Non-Salary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,039.65	\$0	-\$2,040
7 Subcontractors	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,772.25	\$0	-\$4,772
8 Total WA Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15,755.41	\$0	-\$15,755
9 Fixed Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,037.45	\$0	-\$1,037
10 Total WA Price	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16,792.85	\$0	-\$16,793

Project Manager (Engineer) \_\_\_\_\_

Date \_\_\_\_\_

**Schedule 2.11(g)**

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

PM/Engineer: David Stoli  
 Contract#: D006132  
 Project Name: Granite Pointe Subdivision Off-Site  
 Work Assignment No.: D006132-14  
 Task No./Name: 01/Preliminary Activities  
 Complete: 0%

Page: 2 of  
 Date Prepared: 10/26/2010 11:34  
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 Invoice No.: \_\_\_\_\_

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment	Approved Budget	Estimated Under/Over (G-F)
1 Direct Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,405.20	\$0.00	-\$1,405.20
2 Indirect Costs 115%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,615.98	\$0.00	-\$1,615.98
3 Subtotal Direct Salary Costs and Indirect Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,021.18	\$0.00	-\$3,021.18
4 Travel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$136.30	\$0.00	-\$136.30
5 Other Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$40.50	\$0.00	-\$40.50
6 Subtotal Direct Non-Salar	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$176.80	\$0.00	-\$176.80
7 Subcontractors	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8 Total WA Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,197.98	\$0.00	-\$3,197.98
9 Fixed Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$350.46	\$0.00	-\$350.46
10 Total WA Price	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,548.44	\$0.00	-\$3,548.44

Project Manager (Engineer) \_\_\_\_\_

Date \_\_\_\_\_

**Schedule 2.11(g)**

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

PM/Engineer: David Stoll  
 Contract#: D006132  
 Project Name: Granite Pointe Subdivision Off-Site  
 Work Assignment No.: D006132-14  
 Task No./Name: 02/Geophysical Survey/Soil Gas/Initial Environmental Sampling  
 Complete 0%

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 Date Prepared: 10/26/2010 11:34  
 Billing Period \_\_\_\_\_  
 Invoice No. \_\_\_\_\_

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment	Approved Budget	Estimated Under/Over (G-F)
1 Direct Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,021.10	\$0.00	-\$1,021.10
2 Indirect Costs 115%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,174.27	\$0.00	-\$1,174.27
Subtotal Direct Salary Costs and Indirect Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,195.37	\$0.00	-\$2,195.37
3								
4 Travel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$349.30	\$0.00	-\$349.30
5 Other Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,125.00	\$0.00	-\$1,125.00
6 Subtotal Direct Non-Salary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,474.30	\$0.00	-\$1,474.30
7 Subcontractors	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,772.25	\$0.00	-\$4,772.25
8 Total WA Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,441.92	\$0.00	-\$8,441.92
9 Fixed Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$254.66	\$0.00	-\$254.66
10 Total WA Price	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$8,696.58	\$0.00	\$0.00

Project Manager (Engineer) \_\_\_\_\_

Date \_\_\_\_\_

**Schedule 2.11(g)**

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

PM/Engineer: David Stoll  
 Contract#: D006132  
 Project Name: Granite Pointe Subdivision Off-Site  
 Work Assignment No.: D006132-14  
 Task No./Name: 03/Subsurface Investigation/Additional Environmental Sampling and Implementation  
 Complete 0%

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 Date Prepared: 10/26/2010 11:34  
 Billing Period: \_\_\_\_\_  
 Invoice No. \_\_\_\_\_

Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment	Approved Budget	Estimated Under/Over (G-F)
1 Direct Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2 Indirect Costs 115%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3 Subtotal Direct Salary Costs and Indirect Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4 Travel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5 Other Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6 Subtotal Direct Non-Salar	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7 Subcontractors	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8 Total WA Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
9 Fixed Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10 Total WA Price	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Project Manager (Engineer) \_\_\_\_\_

Date \_\_\_\_\_

**Schedule 2.11(g)**

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

PM/Engineer: David Stoll  
 Contract#: D006132  
 Project Name: Granite Pointe Subdivision Off-Site  
 Work Assignment No.: D006132-14  
 Task No./Name: 04/Final Report  
 Complete 0%

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Expenditure Category	A	B	C	D	E	F	G	H
	Costs Claimed This Period	Paid to Date	Total Disallowed to Date	Total Costs Incurred to Date (A+B+C)	Estimated Costs to Completion	Estimated Total Work Assignment	Approved Budget	Estimated Under/Over (G-F)
1 Direct Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,733.47	\$0.00	-\$1,733.47
2 Indirect Costs 115%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,993.49	\$0.00	-\$1,993.49
3 Subtotal Direct Salary Costs and Indirect Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,726.96	\$0.00	-\$3,726.96
4 Travel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5 Other Non-Salary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$388.55	\$0.00	-\$388.55
6 Subtotal Direct Non-Salary	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$388.55	\$0.00	-\$388.55
7 Subcontractors	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8 Total WA Cost	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,115.51	\$0.00	-\$4,115.51
9 Fixed Fee	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$432.33	\$0.00	-\$432.33
10 Total WA Price	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,547.84	\$0.00	-\$4,547.84

Project Manager (Engineer) \_\_\_\_\_

Date \_\_\_\_\_

**Schedule 2.11(g) - Supplemental**

**Cost Control Report for Subcontracts**

PM/Engineer: David Stoll  
D006132  
 Project Name: Granite Pointe Subdivision Off-Site  
 Work Assignment No.: D006132-14  
 Complete 0%

Page 1 of 2  
 Date Prepared: 10/26/2010 11:34  
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Subcontract Name	A	B	C	D	E	F	G
	Subcontracts Costs Claimed this Application Inc. Resubmittals	Subcontract Costs Approved for Payment on Previous	Total Subcontract Costs to Date (A + B)	Subcontract Approved Budget	Management Fee Budget	Management Fee Paid	Total Costs to Date (C plus F)
1 Katahdin			\$0.00	\$3,800	\$190		\$0.00
2 Data Validation Services			\$0.00	\$745	\$37		\$0.00
3			\$0.00				\$0.00
4			\$0.00				\$0.00
5			\$0.00				\$0.00
6			\$0.00				\$0.00
7							\$0.00
8							\$0.00
9							\$0.00
<b>Total</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$4,545</b>	<b>\$227</b>	<b>\$0.00</b>	<b>\$0.00</b>

Project Manager \_\_\_\_\_

Date \_\_\_\_\_

NOTES:

- 1 Costs listed in Columns A, B, C & D do not include any management fee costs.
- 2 Management fee is applicable to only properly procured, satisfactorily completed, unit price subcontracts over \$10,000.
- 3 Line 11, Column G should equal Line 7 (Subcontractors), Column D of Summary Cost Control Report.

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

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

Engineer/Contract#: Dave Stoll/D006132  
 Project Name: Granite Pointe Subdivision Off-Site  
 Work Assignment No.: D006132-14

Date Prepared: 10/26/2010 11:34  
 Billing Period: \_\_\_\_\_  
 Invoice No. \_\_\_\_\_

NSPE Labor Classification	IX		VIII		VII		VI		V		IV		III		10		I		#VALUE!
	Exp/Est*	Exp/Est*	Exp/Est*	Exp/Est*	Exp/Est*	Exp/Est*	Exp/Est*	Exp/Est*	Exp/Est*	Exp/Est*	Exp/Est*	Exp/Est*	Exp/Est*	Exp/Est*	Exp/Est*	Exp/Est*	Exp/Est*	Exp/Est*	
Task 1		1										30	10	10					51
Task 2												30	5						35
Task 3																			0
Task 4		2										40	7	10					59
Task 5																			0
Task 6																			0
Task 7																			0
Task 8																			0
Task 9																			0
Task 10																			0
Task 11																			0
Task 12																			0
Total Hours	0	3	0	0	0	0	0	0	0	0	0	100	0	22	0	20	0	0	145

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



**Subcontract Solicitation Record and Certification for Standby Engineering Contracts**

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
Division of Environmental Remediation

Site/Spill Name GRANITE POINTE SUBDIVISION-06512  
Site/Spill Number C360107A Contract/WA # D006132-14

**NOTE:** Standby Contractor must obtain Contract Manager approval prior to award of subcontract.

Check the appropriate box and complete the chart below:

Standby cost-plus-fixed-fee subconsultant selected on rotational basis.

Standby laboratory or data validator selected on rotational basis. If the work includes site-specific or other items which are not listed in the standby contract, obtain and attach complete quotes from all standby subcontractors. (Declinations to bid must be explained in the attached back-up.)

Standby driller selected as lowest quote: Obtain and attach complete quotes from all standby drillers, including mob/demob costs and any site-specific items. (Declinations to bid must be explained in the attached back-up.)

For other unit-price or lump-sum subcontracting work, obtain the necessary number of quotes and complete the chart below:

Total estimated costs are less than \$10,000; three responsive quotes must be obtained (verbal is allowed).

Total estimated costs range from \$10,000 to \$20,000; three **written** responsive quotes must be obtained and attached.

Total estimated costs are over \$20,000; five **written** responsive quotes must be obtained and attached.

Note: If unable to obtain a sufficient number of quotes, obtain and attach a minimum of 2 responsive quotes. Attach documentation of attempts made to obtain additional quotes **and** an engineer's estimate to support cost reasonableness.

Single/sole source procurement (including the usage of an M/WBE firm with estimated costs under \$10,000). Complete the chart below and attach rationale for selecting subcontractor along with the basis for determining cost reasonableness (e.g., an engineer's estimate or one comparative quote).

<i>Subcontractor/Subconsultant</i>	<i>Phone Number</i>	<i>Date</i>	<i>Price Quote</i>
<i>KATAHDIN LABS</i>	<i>207-874-2400</i>	<i>10/20/10</i>	<i>\$3800</i>

On behalf of the Contractor named below, I hereby certify that the subcontract named below was procured in accordance with the terms of the prime contract and all applicable requirements of the State of New York. I also hereby certify that the executed subcontract includes all appropriate language and all required documents were completed appropriately and were acceptable. Specifically, I hereby certify the following:

1. The Contractor has determined that the subcontractor is qualified. A statement of qualifications for the subcontractor is maintained. It includes a statement of compliance with all licenses, certifications and permits, if applicable. (Note: For laboratories, this can be determined at <http://www.wadsworth.org/labservices.htm>).
2. The Contractor has determined the costs are reasonable. A procurement record supporting the determination is maintained.
3. The Contractor performed a Conflict of Interest (COI) check, if applicable, and documented it in writing. Refer to Appendix B, clause III (e) for applicability. (Note that for standby subcontractors selected on a WA, a new subcontract certification must be submitted.)
4. For subcontracts in excess (or anticipated to be in excess) of \$10,000, the subcontractor submitted an acceptable New York State Vendor Responsibility Questionnaire. Information related to vendor responsibility can be found at <http://www.osc.state.ny.us/agencies/gbull/g221.htm>
5. The subcontract includes pass down requirements from Appendix B of the prime contract related to Minority and Women Business Enterprises (M/WBE) and Conflict of Interest (COI).
6. The subcontract includes the termination clause required in the prime contract.
7. The subcontract does not include "pay if paid" type clauses which are unenforceable in New York State.
8. Insurance carriers associated with the subcontract are licensed to do business in New York State. The State of New York and the Department of Environmental Conservation are named as additional insurers on the policies. Insurance limits meet prime contract requirements. (Note that licensed insurance can be determined at <http://www.ins.state.ny.us> and Best's Rating can be determined at <http://www.ambest.com>). Pollution liability insurance (for example, drilling subcontractors) and professional liability insurance (for example, subcontracts for professional services and laboratories) are included as appropriate.
9. Documentation supporting this certification is maintained by the Contractor and will be provided within 10 days of any request.

*Randa Stoll* 10/20/10  
 Signature of Contractor's Authorized Representative Date

Shaw E and I of New York, P.C. D006132-14  
 Contractor Name Contract/WA No.

KATAHDIN LABS  
 Subcontractor Name

# Data Validation Services

120 Cobble Creek Road P. O. Box 208  
North Creek, NY 12853  
Phone (518) 251-4429  
Facsimile (518) 251-4428

October 15, 2010

Jennifer Flanagan  
Shaw Group  
13 British American Blvd.  
Latham, NY 2110

RE: Cost estimate for DUSR review of the Granite Pointe site laboratory analytical data packages

Dear Ms. Flanagan:

Thank you for your request for validation of the analytical data pertaining to the site noted above. Costs are provided for New York State Data Usability Summary Review (DUSR).

Data Validation Services (DVS) has been performing validation of laboratory data since 1989, and has been certified by New York State as a Woman-Owned Business Enterprise (WBE) since 1990. My experience has included projects originating at the federal, state, and municipal levels, and includes validation according to USEPA (National, Region I, Region II, Region III, Region IV), NYSDEC, and NJDEP procedures. My attached resumé details the specifics of my experience and qualifications.

With DUSR review, the data packages provided will be reviewed for quality control parameters (including, but not limited to, custody documentation, holding times, surrogate and matrix spike recoveries, LCS recoveries, duplicate correlation, calibration standard/blank performance, instrument performance, blank contamination, internal standard responses, matrix interferences, method compliance, etc). This review will be performed from the summary forms available in the data package. In addition, critical elements of the raw data (i.e. sample chromatograms, calculated values, mass spectra, etc) will be reviewed. Full validation to verify summary page values and QC reported results from the raw data will not be performed at this time. The USEPA national and regional validation guidelines/procedures and professional judgment will be used to determine the applicable qualifications to the data. Those qualifications that impact significantly on the usability of the sample results are cited within the report. At a minimum, all issues noted in the NYSDEC DUSR description (Rev. 09/97) will be discussed in the DUSR. Please note that any discussion indicating steps to be taken to fill in data gaps must be generated with coordination with your firm. Recommended validation qualifiers will be applied in red-ink to sample report forms and submitted as an attachment to the DUSR narrative. Although a single DUSR covering all project data packages can be generated, more than one DUSR (covering multiple data packages) may be provided.

The unit costs on the attached spreadsheet include review of hardcopy data packages (as noted above), generation of the DUSR, and associated communications. These costs pertain to field samples, field duplicates, and sample matrix spikes, and are independent of matrix. **There is no additional charge for review of re-extractions, re-analyses, or dilution analyses reported within the same data package.** The unit costs have been applied to the total number of units provided in Table 1, to arrive at an **estimated project total of \$ 1,852.00.** Actual costs will reflect actual units reviewed.

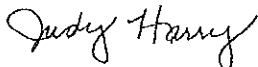
It is assumed that multiple data packages will be covered in the DUSR(s). There is a minimum charge of \$ 300 for any stand-alone DUSR report.

Return shipment of the data packages (if desired) will be billed at courier (USPS Priority Mail) expense. DUSR costs reflect review of data packages that involve analyses generated in compliance with the protocols, and packages that are complete in the required deliverables. Additional costs at a rate of \$ 80 per hour may be incurred if the data are not generally compliant or complete, resulting in significant out-of-scope review.

Hardcopy data packages must be provided. In order to perform timely validation, this firm must be notified as field work is initiated. Standard turn-around is 28 calendar days from the receipt of the final data package.

Please do not hesitate to contact me if you desire additional information, or have questions regarding this proposal. I look forward to possibly working with your firm on this project.

Very truly yours,



Judy Harry

Project Name:

Granite Pointe Subdivision Off-Site

***Unit Price Subcontracts***

<b><i>Name of Subcontractor</i></b>	<b><i>Services to be Performed</i></b>	<b><i>Subcontract Price</i></b>	<b><i>Management Fee</i></b>
Data Validation Services	DUSR Report	\$1,852.00	\$0.00

<b><i>Item</i></b>	<b><i>Price Per Sample</i></b>	<b><i>Units</i></b>	<b><i>Est. No. of Units</i></b>	<b><i>Total Est. Cost</i></b>
Soil Samples for Lead	\$5.00	each	140	\$700.00
Groundwater for VOCs	\$16.00	each	12	\$192.00
Groundwater for SVOCs	\$20.00	each	12	\$240.00
Groundwater for Metals	\$20.00	each	12	\$240.00
Groundwater for Pesticides/PCBs	\$30.00	each	12	\$360.00
Groundwater for Herbicides	\$10.00	each	12	\$120.00

**Subcontract Total:** \$1,852.00

**Subcontract Solicitation Record and Certification for Standby Engineering Contracts**

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
Division of Environmental Remediation

Site/Spill Name GRANITE POINTE SUBDIVISION - OFFSITE

Site/Spill Number C360107A Contract/WA # D006132-14

**NOTE:** Standby Contractor must obtain Contract Manager approval prior to award of subcontract.

Check the appropriate box and complete the chart below:

- Standby cost-plus-fixed-fee subconsultant selected on rotational basis.
- Standby laboratory or data validator selected on rotational basis. If the work includes site-specific or other items which are not listed in the standby contract, obtain and attach complete quotes from all standby subcontractors. (Declinations to bid must be explained in the attached back-up.)
- Standby driller selected as lowest quote: Obtain and attach complete quotes from all standby drillers, including mob/demob costs and any site-specific items. (Declinations to bid must be explained in the attached back-up.)

For other unit-price or lump-sum subcontracting work, obtain the necessary number of quotes and complete the chart below:

- Total estimated costs are less than \$10,000; three responsive quotes must be obtained (verbal is allowed).
- Total estimated costs range from \$10,000 to \$20,000; three **written** responsive quotes must be obtained and attached.
- Total estimated costs are over \$20,000; five **written** responsive quotes must be obtained and attached.

Note: If unable to obtain a sufficient number of quotes, obtain and attach a minimum of 2 responsive quotes. Attach documentation of attempts made to obtain additional quotes **and** an engineer's estimate to support cost reasonableness.

- Single/sole source procurement (including the usage of an M/WBE firm with estimated costs under \$10,000). Complete the chart below and attach rationale for selecting subcontractor along with the basis for determining cost reasonableness (e.g., an engineer's estimate or one comparative quote).

<i>Subcontractor/Subconsultant</i>	<i>Phone Number</i>	<i>Date</i>	<i>Price Quote</i>
DATA VALIDATION SERVICES	518-251-4429	10/20/10	\$745

On behalf of the Contractor named below, I hereby certify that the subcontract named below was procured in accordance with the terms of the prime contract and all applicable requirements of the State of New York. I also hereby certify that the executed subcontract includes all appropriate language and all required documents were completed appropriately and were acceptable. Specifically, I hereby certify the following:

1. The Contractor has determined that the subcontractor is qualified. A statement of qualifications for the subcontractor is maintained. It includes a statement of compliance with all licenses, certifications and permits, if applicable. (Note: For laboratories, this can be determined at <http://www.wadsworth.org/labservices.htm>).
2. The Contractor has determined the costs are reasonable. A procurement record supporting the determination is maintained.
3. The Contractor performed a Conflict of Interest (COI) check, if applicable, and documented it in writing. Refer to Appendix B, clause III (e) for applicability. (Note that for standby subcontractors selected on a WA, a new subcontract certification must be submitted.)
4. For subcontracts in excess (or anticipated to be in excess) of \$10,000, the subcontractor submitted an acceptable New York State Vendor Responsibility Questionnaire. Information related to vendor responsibility can be found at <http://www.osc.state.ny.us/agencies/gbull/g221.htm>
5. The subcontract includes pass down requirements from Appendix B of the prime contract related to Minority and Women Business Enterprises (M/WBE) and Conflict of Interest (COI).
6. The subcontract includes the termination clause required in the prime contract.
7. The subcontract does not include "pay if paid" type clauses which are unenforceable in New York State.
8. Insurance carriers associated with the subcontract are licensed to do business in New York State. The State of New York and the Department of Environmental Conservation are named as additional insurers on the policies. Insurance limits meet prime contract requirements. (Note that licensed insurance can be determined at <http://www.ins.state.ny.us> and Best's Rating can be determined at <http://www.ambest.com>). Pollution liability insurance (for example, drilling subcontractors) and professional liability insurance (for example, subcontracts for professional services and laboratories) are included as appropriate.
9. Documentation supporting this certification is maintained by the Contractor and will be provided within 10 days of any request.

Anna Scott 10/20/10  
 Signature of Contractor's Authorized Representative Date

Shaw E and I of New York, P.C. D006132-14  
 Contractor Name Contract/WA No.

DATA VALIDATION SERVICES  
 Subcontractor Name

Project Name:

Granite Pointe Subdivision Off-Site

***Unit Price Subcontracts***

<b><i>Name of Subcontractor</i></b>	<b><i>Services to be Performed</i></b>	<b><i>Subcontract Price</i></b>	<b><i>Management Fee</i></b>
Environmental Data Services, Inc.	DUSR Report	\$2,724.00	\$0.00

<b>Item</b>	<b>Price Per Sample</b>	<b>Units</b>	<b>Est. No. of Units</b>	<b>Total Est. Cost</b>
Soil Samples for Lead	\$12.00	each	140	\$1,680.00
Groundwater for VOCs	\$18.00	each	12	\$216.00
Groundwater for SVOCs	\$18.00	each	12	\$216.00
Groundwater for Metals	\$18.00	each	12	\$216.00
Groundwater for Pesticides/PCBs	\$18.00	each	12	\$216.00
Groundwater for Herbicides	\$15.00	each	12	\$180.00

**Subcontract Total:** \$2,724.00



Project Name:

Granite Pointe Subdivision Off-Site

**Unit Price Subcontracts**

<b>Name of Subcontractor</b>	<b>Services to be Performed</b>	<b>Subcontract Price</b>	<b>Management Fee</b>
EDV, Inc	DUSR Report	\$0.00	\$0.00

<b>Item</b>	<b>Price Per Sample</b>	<b>Units</b>	<b>Est. No. of Units</b>	<b>Total Est. Cost</b>
Soil Samples for Lead		15.99	140	\$2,238.60
Groundwater for VOCs		23.55	12	\$282.60
Groundwater for SVOCs		25.1	12	\$301.20
Groundwater for Metals		25.1	12	\$301.20
Groundwater for Pesticides/PCBs		23.55	12	\$282.60
Groundwater for Herbicides		23.55	12	\$282.60

**Subcontract Total:** \$3,688.80

Project Name:

Granite Pointe Subdivision Off-Site

***Unit Price Subcontracts***

<b><i>Name of Subcontractor</i></b>	<b><i>Services to be Performed</i></b>	<b><i>Subcontract Price</i></b>	<b><i>Management Fee</i></b>
Stone Environmental	DUSR Report	\$392.00	\$392.00

<b>Item</b>	<b>Price Per Sample</b>	<b>Units</b>	<b>Est. No. of Units</b>	<b>Total Est. Cost</b>
Soil Samples for Lead	\$18.00	each	140	\$2,520.00
Groundwater for VOCs	\$15.00	each	12	\$180.00
Groundwater for SVOCs	\$18.00	each	12	\$216.00
Groundwater for Metals	\$19.00	each	12	\$228.00
Groundwater for Pesticides/PCBs	\$18.00	each	12	\$216.00
Groundwater for Herbicides	\$15.00	each	12	\$180.00
<b>Subcontract Total:</b>				<b>\$3,932.00</b>

Project Name:

Granite Pointe Subdivision Off-Site

**Unit Price Subcontracts**

<b>Name of Subcontractor</b>	<b>Services to be Performed</b>	<b>Subcontract Price</b>	<b>Management Fee</b>
Environmental Quality Associates	DUSR Report	\$0.00	\$0.00

<b>Item</b>	<b>Price Per Sample</b>	<b>Units</b>	<b>Est. No. of Units</b>	<b>Total Est. Cost</b>
Soil Samples for Lead	\$5.00	each	140	\$700.00
Groundwater for VOCs	\$17.00	each	12	\$204.00
Groundwater for SVOCs	\$25.00	each	12	\$300.00
Groundwater for Metals	\$25.00	each	12	\$300.00
Groundwater for Pesticides/PCBs	\$40.00	each	12	\$480.00
Groundwater for Herbicides	\$20.00	each	12	\$240.00

**Subcontract Total:** \$2,224.00