

~~workplan.hw.R8_Cleaners.2007-10-18~~

workplan.hw.R8_Cleaners.2007-10-18.D004434-05_MACTEC.pdf

From: Michael Cruden
To: Matthew Dunham
Date: 10/18/2007 3:49:28 PM
Subject: Re: Rebudget - WA #D004434-05

ok

>>> Matthew Dunham 10/18/07 3:04 PM >>>
Mike:

- Associated Textile Rental Services (ATRS) #808041 - over by \$21,800. $69,012 + 21,800 =$
\$90,812

This site is downgradient (we think) from the Former Diamond Cleaners Site #808030. In order to strengthen our Class 2 package we needed more soil and groundwater samples and additional groundwater elevations. We had to prove that there is a source on the ATRS property and that the Former Diamond Cleaners Site is not the source of contamination for the ATRS property.

- Rolling Plains #828138 - over by \$23,020 $102,185 + 23,020 =$ \$125,205

This is a high profile site that is less than five miles west of Modock Springs #835013. While developing the last phase of a sub-division 103 barrels of waste were unearthed. Our initial soil gas sampling around the barrel pit revealed high levels of TCA, TCE, PCE in the soil gas. We conducted additional soil gas work around the near by homes to ensure that there was not a potential for vapor intrusion within the homes.

Matt

>>> Michael Cruden 10/17/2007 10:59 AM >>>
if you send me an email explaining the extras, I'll approve it as part of closeout to save you the paperwork

attached is a 1 page final budget which need to be completed for each site

>>> Matthew Dunham 10/17/07 9:45 AM >>>
Mike:

MACTEC has finally submitted the new 2.11s for the rebudget. All they did is take money from the 4 sites I am under budget on and add money to the 2 sites I am over budget on. I have been told that we can no longer take money from one site and add it to another site. I was also told that my options are to amend the work assignment or that you can approve the extra money at close out. I am over by \$21,800 at one site and \$23,020 at the other site for a total of \$44,820.

Matt

>>> Michael Cruden 7/24/2007 3:31 PM >>>
if it's a simple rebudget - for example take \$ from subcontracting for one task and move it to another task (or site in your multi-site case), then you can just do a letter rebudget - new 2.11's are not required. if it's more complicated have them submit new 2.11's (or just the 2.11g's), what ever is enough for you to track the rebudgeting...

>>> Matthew Dunham 07/24/07 2:20 PM >>>
Mike:

One more quick question. When the consultants submit the new 2.11s for the rebudget can they just

submit a new set of 2.11(g) or do they have to submit a whole new set of 2.11s.

Matt

CC: Pamela Brown

From: Matthew Dunham
To: Weber, William
Date: 10/16/2007 9:06:35 AM
Subject: Re: FW: Region 8 Dry Cleaners Group 2 October 2007 Rebudget

Mr. Weber:

I approve the rebudget for WA 5.1 Region 8 Dry Cleaners Group 2. Thank you.

Matt

Matthew Dunham, PE
NYSDEC
Division of Environmental Remediation
Remedial Bureau E
625 Broadway
Albany, New York 12233-7017
Telephone: 518-402-9813
Fax: 518-402-9819

>>> "Weber, William" <WJWeber@mactec.com> 10/15/2007 12:16 PM >>>
Matt, attached is the rebudget for WA 5.1 Region 8 Dry Cleaners Group 2. Savings at Ruddicks, HTS, Universal, and Up-to-Date, were used to fund the requested extra work at Associated and Rolling Plains. I understand from Swapan that your approval is all that is required and notification to Pam. We will be using the attached 2.11(g) in the next invoice. Thanks for taking care of this for us.

William J. Weber, P.E. * Principal Engineer
MACTEC Engineering and Consulting, Inc. | Portland, Maine
Office 207-828-3381 * Mobile 207-232-9802 * Fax 207-772-4762
Email wjweber@mactec.com <<mailto:wjweber@mactec.com>> * Web
www.mactec.com <<http://www.mactec.com/>>

From: Casavant, Theresa
Sent: Friday, October 12, 2007 1:02 PM
To: Weber, William
Subject: Region 8 Dry Cleaners Group 2 October 2007 Rebudget

Bill - please see attached.

CC: Brown, Pamela

Rebudget A

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: MACTEC Engineering and Consulting, P.C.

Contract No.: D004434-5

Project Name: Region 8 Dry Cleaners #2

Work Assignment No.: 05

Task #/Name: Summary - All Sites, All Tasks

Complete: 0.0%

Page:

1 OF 1

Date Prepared:

10/12/07

Date

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 Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$77,082	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$128,418	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$205,500	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$15,852	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$17,237	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$33,089	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$178,454	\$ -
8. Total WA Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$417,043	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$9,633	\$ -
10. Total WA Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$426,676	\$ -

Program Manager (Engineer)

Date:

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: MACTEC Engineering and Consulting, P.C.
Contract No.: D004434-5
Project Name: Region 8 Dry Cleaners #2
Work Assignment No.: 05
Task #/Name: Region 8 Dry Cleaner # 2 - Ruddicks Dry Cleaners - Summary
Complete: 0.0%

Page: 1 OF 2
Date Prepared: 10/12/07
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 Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$10,554	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$17,582	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$28,136	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$1,495	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$5,000	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$6,495	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$20,190	\$ -
8. Total WA Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$54,821	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$1,555	\$ -
10. Total WA Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$56,376	\$ -

Program Manager (Engineer)

Date:

Schedule 2.11(g) - Supplemental
COST CONTROL REPORT FOR SUBCONTRACTS

Engineer: MACTEC Engineering and Consulting, P.C.

Contract No.: D004434-5

Project Name: Region 8 Dry Cleaners #2

Work Assignment No.: 05

Task #/Name: Region 8 Dry Cleaner # 2 - Ruddicks Dry Cleaners - Summary

Page: 2 of 2

Date Prepared: 10/12/07

Billing Period: 0

Invoice No.: 0

Subcontract Name	A Subcontract Costs Claimed This Application Incl. Resubmittals	B Subcontract Costs Approved For Payment on Previous Applications	C Total Subcontract Costs To Date (A plus B)	D Subcontract Approved Budget	E Management Fee Budget	F Management Fee Paid	G Total Costs To Date (C plus F)
1. LU Engineers	0.00	0.00	0.00	3,218.44	0.00	0.00	0.00
2. Geologic NY	0.00	0.00	0.00	6,897.00	350.00	0.00	0.00
3. Chemtech	0.00	0.00	0.00	7,557.00	325.00	0.00	0.00
4. Environ. Data Val	0.00	0.00	0.00	1,767.68	75.00	0.00	0.00
5.							
6.							
7.							
8.							
9.							
10.							
11. TOTALS	\$0.00	\$0.00	\$0.00	\$19,440.12	\$750.00	\$0.00	\$0.00

Program 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 COST CONTROL REPORT
SUMMARY OF LABOR HOURS

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

Engineer: MACTEC Engineering and Consulting, P.C.
Contract No.: D004434-5
Project Name: Region 8 Dry Cleaners #2
Work Assignment No.: 05

Date Prepared: 10/12/07
Billing Period: 0
Invoice No.: 0

NSPE Labor Classification	IX Exp/Est*		VIII Exp/Est		VII Exp/Est		VI Exp/Est		V Exp/Est		IV Exp/Est		III Exp/Est		II Exp/Est		I Exp/Est		Total No. of Direct Labor Hours Exp/Est
RUDDICKS DRY CLEANERS	0.0	18	0.0	0	0.0	0	0.0	34	0.0	0	0.0	35	0.0	88	0.0	100	0.0	130	0.0 405
Total Hours	0.0	18	0.0	0	0.0	0	0.0	34	0.0	0	0.0	35	0.0	88	0.0	100	0.0	130	0.0 405

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: MACTEC Engineering and Consulting, P.C.

Contract No.: D004434-5

Project Name: Region 8 Dry Cleaners #2

Work Assignment No.: 05

Task #/Name: Region 8 Dry Cleaners #2 - HTS Laundry & Dry Cleaners - Summary

Complete: 0.0%

Page:

1 OF 2

Date Prepared:

10/12/07

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 Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$9,979	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$16,624	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$26,603	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$1,457	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$1,000	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$2,457	\$ -
7. Subcontractors	\$ -	\$ -		\$ -	\$ -	\$ -	\$21,701	\$ -
8. Total WA Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$50,761	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$1,585	\$ -
10. Total WA Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$52,346	\$ -

Program Manager (Engineer) _____

Date: _____

Schedule 2.11(g) - Supplemental
COST CONTROL REPORT FOR SUBCONTRACTS

Engineer: MACTEC Engineering and Consulting, P.C.

Contract No.: D004434-5

Project Name: Region 8 Dry Cleaners #2

Work Assignment No.: 05

Task #/Name: Region 8 Dry Cleaners #2 - HTS Laundry & Dry Cleaners - Summary

Page: _ of _

Date Prepared: 10/12/07

Billing Period: 0

Invoice No.: 0

Subcontract Name	A Subcontract Costs Claimed This Application Incl. Resubmittals	B Subcontract Costs Approved For Payment on Previous Applications	C Total Subcontract Costs To Date (A plus B)	D Subcontract Approved Budget	E Management Fee Budget	F Management Fee Paid	G Total Costs To Date (C plus F)
1. LU Engineers	0.00	0.00	0.00	5,227.00	0.00	0.00	0.00
2. Geologic NY	0.00	0.00	0.00	8,613.00	350.00	0.00	0.00
3. Chemtech	0.00	0.00	0.00	5,438.00	353.00	0.00	0.00
4. Environ. Data Val	0.00	0.00	0.00	1,637.00	83.00	0.00	0.00
5.							
6.							
7.							
8.							
9.							
10.							
11. TOTALS	\$0.00	\$0.00	\$0.00	\$20,915.00	\$786.00	\$0.00	\$0.00

Program 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 COST CONTROL REPORT
SUMMARY OF LABOR HOURS

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

Engineer: MACTEC Engineering and Consulting, P.C.
Contract No.: D004434-5
Project Name: Region 8 Dry Cleaners #2
Work Assignment No.: 05

Date Prepared: 10/12/07
Billing Period: 0
Invoice No.: 0

NSPE Labor Classification	IX Exp/Est*		VIII Exp/Est		VII Exp/Est		VI Exp/Est		V Exp/Est		IV Exp/Est		III Exp/Est		II Exp/Est		I Exp/Est		Total No. of Direct Labor Hours Exp/Est
HTS LAUNDRY & DRY CLEANERS	0.0	12	0.0	0	0.0	0	0.0	28	0.0	0	0.0	35	0.0	78	0.0	138	0.0	130	0.0 421
Total Hours	0.0	12	0.0	0	0.0	0	0.0	28	0.0	0	0.0	35	0.0	78	0.0	138	0.0	130	0.0 421.0

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: MACTEC Engineering and Consulting, P.C.
Contract No.: D004434-5.
Project Name: Region 8 Dry Cleaners #2
Work Assignment No.: 05
Task #/Name: Region 8 Dry Cleaners #2 - Universal Dry Cleaners - Summary
Complete: 0.0%

Page: 1 OF 2
Date Prepared: 10/12/07
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 Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,291	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,813	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,105	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,800	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,757	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,557	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28,618	\$ -
8. Total WA Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 55,280	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,602	\$ -
10. Total WA Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 56,882	\$ -

Program Manager (Engineer) _____

Date: _____

Schedule 2.11(g) - Supplemental
COST CONTROL REPORT FOR SUBCONTRACTS

Engineer: MACTEC Engineering and Consulting, P.C.

Contract No.: D004434-5

Project Name: Region 8 Dry Cleaners #2

Work Assignment No.: 05

Task #/Name: Region 8 Dry Cleaners #2 - Universal Dry Cleaners - Summary

Page: 2 of 2

Date Prepared: 10/12/07

Billing Period: 0

Invoice No.: 0

Subcontract Name	A Subcontract Costs Claimed This Application Incl. Resubmittals	B Subcontract Costs Approved For Payment on Previous Applications	C Total Subcontract Costs To Date (A plus B)	D Subcontract Approved Budget	E Management Fee Budget	F Management Fee Paid	G Total Costs To Date (C plus F)
1. LU Engineers	0.00	0.00	0.00	6,688.50	0.00	0.00	0.00
2. Geologic NY	0.00	0.00	0.00	8,458.00	350.00	0.00	0.00
3. Chemtech	0.00	0.00	0.00	10,524.00	357.00	0.00	0.00
4. Environ. Data Val	0.00	0.00	0.00	2,156.62	84.00	0.00	0.00
5.							
6.							
7.							
8.							
9.							
10.							
11. TOTALS	\$0.00	\$0.00	\$0.00	\$27,827.12	\$791.00	\$0.00	\$0.00

Program 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 COST CONTROL REPORT
SUMMARY OF LABOR HOURS

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

Engineer: MACTEC Engineering and Consulting, P.C.
Contract No.: D004434-5
Project Name: Region 8 Dry Cleaners #2
Work Assignment No.: 05

Date Prepared: 10/12/07
Billing Period: 0
Invoice No.: 0

NSPE Labor Classification	IX Exp/Est*		VIII Exp/Est		VII Exp/Est		VI Exp/Est		V Exp/Est		IV Exp/Est		III Exp/Est		II Exp/Est		I Exp/Est		Total No. of Direct Labor Hours Exp/Est
UNIVERSAL DRY CLEANERS	0.0	12	0.0	0	0.0	0	0.0	30	0.0	0	0.0	35	0.0	78	0.0	200	0.0	40	0.0 395
Total Hours	0.0	12	0.0	0	0.0	0	0.0	30	0.0	0	0.0	35	0.0	78	0.0	200	0.0	40	0.0 395

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: MACTEC Engineering and Consulting, P.C.
Contract No.: D004434-5
Project Name: Region 8 Dry Cleaners #2
Work Assignment No.: 05
Task #/Name: Region 8 Dry Cleaners #2 - Up To Date Cleaners - Summary
Complete: 0.0%

Page: 1 OF 2
Date Prepared: 10/12/07
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 Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,470	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,111	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,581	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,700	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,500	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,500	\$ -
8. Total WA Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 43,581	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,474	\$ -
10. Total WA Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 45,055	\$ -

Program Manager (Engineer) _____

Date: _____

Schedule 2.11(g) - Supplemental
COST CONTROL REPORT FOR SUBCONTRACTS

Engineer: MACTEC Engineering and Consulting, P.C.

Contract No.: D004434-5

Project Name: Region 8 Dry Cleaners #2

Work Assignment No.: 05

Task #/Name: Region 8 Dry Cleaners #2 - Up To Date Cleaners - Summary

Page: 2 of 2

Date Prepared: 10/12/07

Billing Period: 0

Invoice No.: 0

Subcontract Name	A Subcontract Costs Claimed This Application Incl. Resubmittals	B Subcontract Costs Approved For Payment on Previous Applications	C Total Subcontract Costs To Date (A plus B)	D Subcontract Approved Budget	E Management Fee Budget	F Management Fee Paid	G Total Costs To Date (C plus F)
1. LU Engineers	0.00	0.00	0.00	4,366.00	0.00	0.00	0.00
2. Geologic NY	0.00	0.00	0.00	7,560.00	302.00	0.00	0.00
3. Chemtech	0.00	0.00	0.00	4,421.00	266.00	0.00	0.00
4. Environ. Data Val	0.00	0.00	0.00	1,524.00	61.00	0.00	0.00
5.							
6.							
7.							
8.							
9.							
10.							
11. TOTALS	\$0.00	\$0.00	\$0.00	\$17,871.00	\$629.00	\$0.00	\$0.00

Program 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 COST CONTROL REPORT
SUMMARY OF LABOR HOURS

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

Engineer: MACTEC Engineering and Consulting, P.C.
Contract No.: D004434-5
Project Name: Region 8 Dry Cleaners #2
Work Assignment No.: 05

Date Prepared: 10/12/07
Billing Period: 0
Invoice No.: 0

NSPE Labor Classification	IX Exp/Est*		VIII Exp/Est		VII Exp/Est		VI Exp/Est		V Exp/Est		IV Exp/Est		III Exp/Est		II Exp/Est		I Exp/Est		Total No. of Direct Labor Hours Exp/Est
UP TO DATE CLEANERS	0.0	12	0.0	0	0.0	0	0.0	28	0.0	0	0.0	10	0.0	20	0.0	200	0.0	100	0.0 370
Total Hours	0.0	12	0.0	0	0.0	0	0.0	28	0.0	0	0.0	10	0.0	20	0.0	200	0.0	100	0.0 370

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: MACTEC Engineering and Consulting, P.C.
Contract No.: D004434-5
Project Name: Region 8 Dry Cleaners #2
Work Assignment No.: 05
Task #/Name: Region 8 Dry Cleaners #2 - Associated Textile - Summary
Complete: 0.0%

Page: 1 OF 2
Date Prepared: 10/12/07
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 Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 17,700	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 29,488	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47,188	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,500	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,680	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,180	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,850	\$ -
8. Total WA Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 89,218	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,594	\$ -
10. Total WA Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90,812	\$ -

Program Manager (Engineer) _____

Date: _____

Schedule 2.11(g) - Supplemental
COST CONTROL REPORT FOR SUBCONTRACTS

Engineer: MACTEC Engineering and Consulting, P.C.

Contract No.: D004434-5

Project Name: Region 8 Dry Cleaners #2

Work Assignment No.: 05

Task #/Name: Region 8 Dry Cleaners #2 - Associated Textile - Summary

Page: 2 of 2

Date Prepared: 10/12/07

Billing Period: 0

Invoice No.: 0

Subcontract Name	A Subcontract Costs Claimed This Application Incl. Resubmittals	B Subcontract Costs Approved For Payment on Previous Applications	C Total Subcontract Costs To Date (A plus B)	D Subcontract Approved Budget	E Management Fee Budget	F Management Fee Paid	G Total Costs To Date (C plus F)
1. LU Engineers	0.00	0.00	0.00	7,393.00	0.00	0.00	0.00
2. Geologic NY	0.00	0.00	0.00	10,967.00	350.00	0.00	0.00
3. Chemtech	0.00	0.00	0.00	12,180.00	407.00	0.00	0.00
4. Environ. Data Val	0.00	0.00	0.00	2,455.00	98.00	0.00	0.00
5.							
6.							
7.							
8.							
9.							
10.							
11. TOTALS	\$0.00	\$0.00	\$0.00	\$32,995.00	\$855.00	\$0.00	\$0.00

Program 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 COST CONTROL REPORT
SUMMARY OF LABOR HOURS

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

Engineer: MACTEC Engineering and Consulting, P.C.
Contract No.: D004434-5
Project Name: Region 8 Dry Cleaners #2
Work Assignment No.: 05

Date Prepared: 10/12/07
Billing Period: 0
Invoice No.: 0

NSPE Labor Classification	IX Exp/Est*		VIII Exp/Est		VII Exp/Est		VI Exp/Est		V Exp/Est		IV Exp/Est		III Exp/Est		II Exp/Est		I Exp/Est		Total No. of Direct Labor Hours Exp/Est
ASSOCIATED TEXTILE RENTAL SERV.	0.0	12	0.0	0	0.0	0	0.0	28	0.0	0	0.0	60	0.0	40	0.0	200	0.0	140	0.0 480
Total Hours	0.0	12	0.0	0	0.0	0	0.0	28	0.0	0	0.0	60	0.0	40	0.0	200	0.0	140	0.0 480

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: MACTEC Engineering and Consulting, P.C.

Contract No.: D004434-5

Project Name: Region 8 Dry Cleaners #2

Work Assignment No.: 05

Task #/Name: Region 8 Dry Cleaners #2 - Rolling Plains - Summary
Complete: #DIV/0!

Page:

1 OF 2

Date Prepared:

10/12/07

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 Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,088	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 36,799	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 58,887	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,900	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,900	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 55,595	\$ -
8. Total WA Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 123,382	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,823	\$ -
10. Total WA Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,205	\$ -

Program Manager (Engineer)

Date:

Schedule 2.11(g) - Supplemental
COST CONTROL REPORT FOR SUBCONTRACTS

Engineer: MACTEC Engineering and Consulting, P.C.

Contract No.: D004434-5

Project Name: Region 8 Dry Cleaners #2

Work Assignment No.: 05

Task #/Name: Region 8 Dry Cleaners #2 - Rolling Plains - Summary

Page: 2 of 2

Date Prepared: 10/12/07

Billing Period:

0

Invoice No.: 0

Subcontract Name	A Subcontract Costs Claimed This Application Incl. Resubmittals	B Subcontract Costs Approved For Payment on Previous Applications	C Total Subcontract Costs To Date (A plus B)	D Subcontract Approved Budget	E Management Fee Budget	F Management Fee Paid	G Total Costs To Date (C plus F)
1. LU Engineers	0.00	0.00	0.00	7,661.00	0.00	0.00	0.00
2. Geologic NY	0.00	0.00	0.00	5,820.00	239.00	0.00	0.00
3. Chemtech	0.00	0.00	0.00	20,634.00	733.00	0.00	0.00
4. Environ. Data Val	0.00	0.00	0.00	289.00	211.00	0.00	0.00
5. Nothnagle Drilling	0.00	0.00	0.00	14,910.00	649.00	0.00	0.00
6. EDR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7. Beacon Env. Serv.	0.00	0.00	0.00	4,450.00	0.00	0.00	0.00
8.							
9.							
10.							
11. TOTALS	\$0.00	\$0.00	\$0.00	\$53,764.00	\$1,832.00	\$0.00	\$0.00

Program 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 COST CONTROL REPORT
SUMMARY OF LABOR HOURS

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

Engineer: MACTEC Engineering and Consulting, P.C.
Contract No.: D004434-5
Project Name: Region 8 Dry Cleaners #2
Work Assignment No.: 05

Date Prepared: 10/12/07
Billing Period: 0
Invoice No.: 0

NSPE Labor Classification	IX Exp/Est*		VIII Exp/Est		VII Exp/Est		VI Exp/Est		V Exp/Est		IV Exp/Est		III Exp/Est		II Exp/Est		I Exp/Est		Total No. of Direct Labor Hours Exp/Est
ROLLING PLAINS	0.0	15	0.0	0	0.0	0	0.0	29	0.0	0	0.0	41	0.0	98	0.0	400	0.0	340	0.0 923
Total Hours	0.0	15	0.0	0	0.0	0	0.0	29	0.0	0	0.0	41	0.0	98	0.0	400.0	0.0	340	0.0 923.0

From: "Casavant, Theresa" <TMCasavant@mactec.com>
To: "Lisa Lewis" <lmlewis@gw.dec.state.ny.us>
Date: 11/22/2006 11:54:25 AM
Subject: RE: Ace Cleaners cost needed

True - all costs for Ace were under D003826 WA 29 and for Work Plan. No costs under the new WA D004434 WA 5 - Terrie

-----Original Message-----

From: Lisa Lewis [mailto:lmlewis@gw.dec.state.ny.us]
Sent: Wednesday, November 22, 2006 11:37 AM
To: Casavant, Theresa
Cc: Matthew Dunham
Subject: RE: Ace Cleaners cost needed

Okay, so to be clear - no costs at all for Ace past the work plan development, which was under the old contract. Sound right? (Sorry, this day is very wacky. We should all go home...)

>>> "Casavant, Theresa" <TMCasavant@mactec.com> 11/22/2006 11:03 AM
>>>

Hi Lisa - I was incorrect - we have not billed/incurred anything to Ace under D004434.

Hope you also have a good T-day! -Terrie

-----Original Message-----

From: Lisa Lewis [mailto:lmlewis@gw.dec.state.ny.us]
Sent: Wednesday, November 22, 2006 10:49 AM
To: Casavant, Theresa
Cc: Matthew Dunham
Subject: Ace Cleaners cost needed

Hi Terrie-

Pursuant to our discussion on the phone last week, I have learned that Ace Cleaners is now out of WA 29, Region 8 Cleaners - Group 2. Matt is trying to prepare an amendment to add in Rolling Plains' costs, but we have to figure in the final costs for Ace Cleaners, too. You mentioned that costs for Ace will be on two CAPs for the new I/D contract, so could you please send me the total amount spent for that site?

Thanks, and let me know if I'm not being clear...

Have a great Thanksgiving!

Lisa

CC: "Matthew Dunham" <mddunham@gw.dec.state.ny.us>

From: Matthew Dunham
To: Cruden, Michael; Lewis, Lisa
Date: 10/5/2006 10:07:40 AM
Subject: Fwd: Ace Cleaners

FYI and thank you.

>>> James Charles 09/29/06 1:40 PM >>>

Today I advised Mindy Zoghlin, counsel for Bruce Ribble d/b/a Ace Cleaners that the Department has authorized its State Contractor to perform site characterizations at 5 dry cleaner sites including Ace Cleaners.

I further advised her that work is scheduled to begin at Ace on October 30, 2006 and if her client does not commit to performing the work himself by signing the Order before that date, the Department will proceed with a state funded site characterization.

I also reminded her that Law Enforcement would reassess how it wants to proceed with its case in the absence of a signed Order on Consent.

She advised that she would relay this to her client. She gave no indication of what her client's intentions are.

Assume that that Ace will not be signing the Order or Stipulation and plan accordingly.

Chris I recommend that Law Enforcement not take any formal action until **after** the state contractor performs its field work at Ace. I rather avoid any chance of a formal enforcement action creating access problems for the contractor. There is also a chance that Ribble may decide to sign the Order and Stipulation before October 30.

New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Program Management, Room 1224
625 Broadway, Albany, New York 12233-7012
Phone: (518) 402-9764 • **FAX:** (518) 402-9722
Website: www.dec.state.ny.us



March 28, 2006

Mr. William Weber, P.E.
Program Manager
MACTEC Engineering and Consulting
511 Congress Street, P.O. Box 7050
Portland, Maine 04112-7050

Dear Mr. Weber:

Re: **Work Assignment #D003826-29**
Region 8 Dry Cleaners - Group 2
✓ Ruddick's Dry Cleaners, Site #8-08-037
✓ HTS Coin Operated Laundry and Dry Cleaners, Site #8-08-038
✓ ~~Schmidt Brothers, Site #8-08-039~~ *Associated Textile #8-08-041*
✓ Universal Dry Cleaners, Site #8-08-040
✓ Up to Date Cleaners, Site #8-26-019
✓ Ace Cleaners, Site #8-28-133

Enclosed is a copy of a State Superfund Work Assignment (WA) for the above referenced project. Please acknowledge receipt by returning a signed copy of this letter to me within one week of receipt.

This WA has been identified by an alpha-numeric designation denoting the MACTEC Engineering and Consulting contract number and sequential number of this WA. Although this letter authorizes the expenditure of Work Plan Development Cost funds, these funds will not be available for payment until the Office of the State Comptroller (OSC) encumbers monies for this WA (generally this takes four weeks).

<i>Project Name:</i>	Region 8 Dry Cleaners - Group 2
<i>W.A. Number:</i>	D003826-29
<i>Site Numbers:</i>	Various
<i>Operable Unit No.:</i>	N/A
<i>Program Element:</i>	SC
<i>NYSDEC Project Manager:</i>	Matthew Dunham
<i>Phone Number:</i>	(518) 402-9812

Work Plan Development Cost Authorization (Task 1):	\$ 30,000
Estimated Work Assignment Budget (Tasks 2-3):	\$403,950
Total Estimated Work Assignment Budget (All Tasks):	\$433,950

Also enclosed is a copy of the work plan development schedule. All efforts should be made to adhere to it. Final work plans and budgets are to be developed so that a Notice to Proceed can be

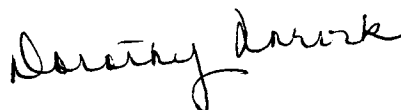
issued within a maximum of 90 days. Failure to do so may result in termination of this WA and will affect your firm's receipt of future work assignments.

A work plan submitted to the Department should include the following items:

1. **Description of major tasks and subtasks.**
2. **Detailed work assignment progress schedule with milestones.**
3. **Identification of areas of work requiring subcontracting.**
4. **A detailed work assignment budget** broken down by tasks and subtasks (using schedule 2.11 in the contract) in accordance with the contract's budget reporting requirements, utilizing cost rates and factors contained in the base contract (see Article 4 of contract), applied to the approved level-of-efforts. Schedule 2.11(b) must include all labor hours inclusive of administrative labor hours which should be presented separately in Schedule 2.11(b-1).
5. **A staffing plan** identifying management and technical staff and their responsibilities (submit resumes only for unapproved employees).
6. **A final M/WBE Utilization Plan** identifying subcontracts most likely to result in M/WBE utilization to be submitted to this office within two weeks.

If you have any questions concerning contractual procedures, please contact Ms. Lisa Lewis at (518) 402-9601. If you have any questions concerning WA-related technical issues, please contact the New York State Department of Conservation project manager identified in this letter. Please submit five (5) double-sided copies of the Work Plan and all responses on this WA to me.

Sincerely,



Dorothy Norvik
Chief
Contracts and Payments Section
Bureau of Program Management

Enclosures

Date Received and Accepted: _____

Signature of Consultant: _____

ec: E. Belmore
J. White
D. Norvik
M. Dunham, PM
L. Lewis, CM
B. Moulhem
T. Wolosen
B. Putzig, R-8

From: Matthew Dunham
To: Lewis, Lisa
Date: 6/27/2006 9:54:33 AM
Subject: WA#D003826-29 - Region 8 Dry Cleaners - Group 2

Lisa:

With your blessing I would like to replace Schmidt Bothers (#808039) with Associated Textile (#808041) on the above WA. Thank you for your help and have a great day.

Matt

From: Matthew Dunham
To: Staples, Charles
Date: 5/10/2006 3:00:58 PM
Subject: Schmidt Brothers - Site #808039

Chuck:

The Schmidt Brothers Site (#808039) located at 225 Oakwood Avenue, Elmira Heights, New York was one of six sites currently included in Work Assignment #D003826-29. After completing a record search of this property it was determined that this location was never a dry cleaner. Therefore, this site will be deleted from Work Assignment #D003826-29. Any cost, to date, associated with this site should be charged to HTS Coin Operated Laundry and Dry Cleaners, Site #808038. Any question please feel free to call me.

Matt

CC: Lewis, Lisa



engineering and constructing a better tomorrow

March 31, 2006

Ms Lisa Lewis
New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Program Management, 12th Floor
625 Broadway
Albany, New York 12233-7012

Dear Ms Lewis:

**Subject: Work Assignment Acceptance
 Region 8 Dry Cleaners – Group 2
 Work Assignment #D003826-29**

Attached is our signed acceptance for the Region 8 Dry Cleaners – Group 2 Site Characterization Work Assignment. Our Project Manager will be John Peterson who is also managing the Group 1 Sites in Region 8. We believe MACTEC and Mr. Peterson's experience with similar waste sites will provide the NYSDEC with an efficient approach in developing the work plan and implementing the SC. We will be contacting Mat Dunham shortly to schedule the site visit and scoping session.

We look forward to again serving the NYSDEC on these important remediation projects.

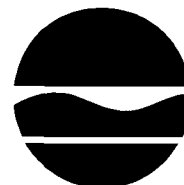
Sincerely,

MACTEC Engineering and Consulting, P.C.

A handwritten signature in black ink, appearing to read "W. J. Weber", with a stylized, flowing script.

William J. Weber, P.E.
Program Manager

New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Program Management, Room 1224
625 Broadway, Albany, New York 12233-7012
Phone: (518) 402-9764 • **FAX:** (518) 402-9722
Website: www.dec.state.ny.us



Denise M. Sheehan
Commissioner

March 28, 2006

Mr. William Weber, P.E.
Program Manager
MACTEC Engineering and Consulting
511 Congress Street, P.O. Box 7050
Portland, Maine 04112-7050

Dear Mr. Weber:

Re: **Work Assignment #D003826-29**
Region 8 Dry Cleaners - Group 2
Ruddick's Dry Cleaners, Site #8-08-037
HTS Coin Operated Laundry and Dry Cleaners, Site #8-08-038
Schmidt Brothers, Site #8-08-039
Universal Dry Cleaners, Site #8-08-040
Up to Date Cleaners, Site #8-26-019
Ace Cleaners, Site #8-28-133

Enclosed is a copy of a State Superfund Work Assignment (WA) for the above referenced project. Please acknowledge receipt by returning a signed copy of this letter to me within one week of receipt.

This WA has been identified by an alpha-numeric designation denoting the MACTEC Engineering and Consulting contract number and sequential number of this WA. Although this letter authorizes the expenditure of Work Plan Development Cost funds, these funds will not be available for payment until the Office of the State Comptroller (OSC) encumbers monies for this WA (generally this takes four weeks).

<i>Project Name:</i>	Region 8 Dry Cleaners - Group 2
<i>W.A. Number:</i>	D003826-29
<i>Site Numbers:</i>	Various
<i>Operable Unit No.:</i>	N/A
<i>Program Element:</i>	SC
<i>NYSDEC Project Manager:</i>	Matthew Dunham
<i>Phone Number:</i>	(518) 402-9812

Work Plan Development Cost Authorization (Task 1):	\$ 30,000
Estimated Work Assignment Budget (Tasks 2-3):	\$403,950
Total Estimated Work Assignment Budget (All Tasks):	\$433,950

Also enclosed is a copy of the work plan development schedule. All efforts should be made to adhere to it. Final work plans and budgets are to be developed so that a Notice to Proceed can be

issued within a maximum of 90 days. Failure to do so may result in termination of this WA and will affect your firm's receipt of future work assignments.

A work plan submitted to the Department should include the following items:

1. **Description of major tasks and subtasks.**
2. **Detailed work assignment progress schedule with milestones.**
3. **Identification of areas of work requiring subcontracting.**
4. **A detailed work assignment budget** broken down by tasks and subtasks (using schedule 2.11 in the contract) in accordance with the contract's budget reporting requirements, utilizing cost rates and factors contained in the base contract (see Article 4 of contract), applied to the approved level-of-efforts. Schedule 2.11(b) must include all labor hours inclusive of administrative labor hours which should be presented separately in Schedule 2.11(b-1).
5. **A staffing plan** identifying management and technical staff and their responsibilities (submit resumes only for unapproved employees).
6. **A final M/WBE Utilization Plan** identifying subcontracts most likely to result in M/WBE utilization to be submitted to this office within two weeks.

If you have any questions concerning contractual procedures, please contact Ms. Lisa Lewis at (518) 402-9601. If you have any questions concerning WA-related technical issues, please contact the New York State Department of Conservation project manager identified in this letter. Please submit five (5) double-sided copies of the Work Plan and all responses on this WA to me.

Sincerely,



Dorothy Norvik
Chief
Contracts and Payments Section
Bureau of Program Management

Enclosures

Date Received and Accepted: 3/31/06

Signature of Consultant: 



engineering and constructing a better tomorrow

March 22, 2006

Ms. Lisa M. Lewis
New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Program Management, 12th Floor
625 Broadway
Albany, New York 12233-7012

Dear Ms. Lewis:

Subject: Conflict of Interest Check
Work Assignment for Various Region 8 Dry Cleaning Sites
Site # 8-08-040 Universal Dry Cleaners, Elmira Heights,
Site # 8-08-037 Ruddick's Dry Cleaners, Horseheads,
Site # 8-08-038 HTS Coin Operated Laundry and Dry Cleaners, Horseheads,
Site # 8-08-039 Schmidt Brothers, Elmira,
Site # 8-26-019 Up to Date Cleaners, Dansville
Site # 8-28-133 Ace Cleaners, Hilton

Attached is our certification that MACTEC Engineering and Consulting, P.C. (MACTEC) has no conflicts with the potentially responsible parties identified in your March 17, 2006 letter for the Various Region 8 Dry Cleaning Sites.

Thank you for the opportunity to serve the NYSDEC.

Sincerely,

MACTEC Engineering and Consulting, P.C.

A handwritten signature in black ink, appearing to read "Wing Wm", written in a cursive style.

William J. Weber, P.E.
Program Manager

Conflict of Interest Certification

The undersigned, representing **MACTEC Engineering and Consulting**, hereby certifies for **Universal Dry Cleaners, Ruddick's Dry Cleaners, HTS Coin Operated Laundry & Dry Cleaners, Schmidt Brothers, Up to Date Cleaners, and Ace Cleaners:**

- 1) That I have been informed by the New York State Department of Environmental Conservation who the known potentially responsible parties are for the subject sites, and
- 2) That to the best of my knowledge, **MACTEC Engineering and Consulting** and the employees of the firm to be assigned to this project have no conflict of interest with the work proposed at these sites, and
- 3) That **MACTEC Engineering and Consulting** presently has no contracts with, nor imminent prospects of contracts with, potentially responsible parties associated with the above-named sites, and
- 4) That **MACTEC Engineering and Consulting** has no responsibilities to potentially responsible parties associated with the above-named sites.

MACTEC Engineering and Consulting also agrees to be bound by provisions of Appendix B, Section II of the Standby Contract between the Department and **MACTEC Engineering and Consulting** (Contract #D003826).

Certified By:

Wing W. Wu
Signature of Consultant

MACTEC Engineering & Consulting
Consulting Firm

March 22, 2006
Date

New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Program Management, Room 1224
625 Broadway, Albany, New York 12233-7012
Phone: (518) 402-9764 • **FAX:** (518) 402-9722
Website: www.dec.state.ny.us



March 17, 2006

Mr. William Weber, P.E.
Program Manager
MACTEC Engineering and Consulting
511 Congress Street, P.O. Box 7050
Portland, Maine 04112-7050

Dear Mr. Weber:

Re: Site Characterization Work Assignments for Various Region 8 Dry Cleaning Sites

The Department is contemplating issuing work assignments for the sites indicated below. Also provided are, to the best of our knowledge, the known potentially responsible parties (PRPs) for these sites:

Universal Dry Cleaners (8-08-040)

Richard G. MacNeal
306 East McCann's Boulevard
Elmira Heights, NY 14903

Schmidt Brothers (8-08-039)

Local No. 604 UAW
225 Oakwood Avenue
Elmira, NY 14903

Ruddick's Dry Cleaners (8-08-037)

Tier Investment Group
P.O. Box 51
Horseheads, NY 14845

Up to Date Cleaners (8-26-019)

Leon Rawls
49 Main Street, Apt. 1
Dansville, NY 14437

HTS Coin Operated Laundry & Dry Cleaners (8-08-038)

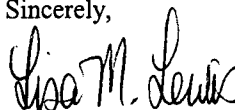
William Goodwin
161 Sunset Drive
Horseheads, NY 14845

Ace Cleaners (8-28-133)

Bruce Ribble
916A Parma Center Road
Hilton, NY 14468

Please review your firm's contractual status with the above PRP(s), sign the enclosed **Conflict of Interest Certification** and return it to me within five (5) working days of receipt of this letter. If you have any questions, I can be reached by phone at (518-402-9601) or by e-mail at (lmlewis@gw.dec.state.ny.us).

Sincerely,



Lisa M. Lewis
Contracts & Payments Section
Bureau of Program Management
Division of Environmental Remediation

Enclosure

cc: M. Dunham

Conflict of Interest Certification

The undersigned, representing **MACTEC Engineering and Consulting**, hereby certifies for **Universal Dry Cleaners, Ruddick's Dry Cleaners, HTS Coin Operated Laundry & Dry Cleaners, Schmidt Brothers, Up to Date Cleaners, and Ace Cleaners:**

- 1) That I have been informed by the New York State Department of Environmental Conservation who the known potentially responsible parties are for the subject sites, and
- 2) That to the best of my knowledge, **MACTEC Engineering and Consulting** and the employees of the firm to be assigned to this project have no conflict of interest with the work proposed at these sites, and
- 3) That **MACTEC Engineering and Consulting** presently has no contracts with, nor imminent prospects of contracts with, potentially responsible parties associated with the above-named sites, and
- 4) That **MACTEC Engineering and Consulting** has no responsibilities to potentially responsible parties associated with the above-named sites.

MACTEC Engineering and Consulting also agrees to be bound by provisions of Appendix B, Section II of the Standby Contract between the Department and **MACTEC Engineering and Consulting** (Contract #D003826).

Certified By:

Signature of Consultant

Consulting Firm

Date

From: Matthew Dunham
To: Lewis, Lisa
Date: 3/3/2006 2:08:17 PM
Subject: New WA and Conflict of Interest

Lisa:

Is Mactec available for another Site Characterization Work Assignment? If so, here is a list of the sites for possible conflict of interest concerns:

Universal Dry Cleaners

Richard G. MacNeal
306 East McCann's Boulevard
Elmira Heights, NY 14903
607-733-5649

Ruddick's Dry Cleaners

Tier Investment Group
P.O. Box 51
Horseheads, NY 14845

HTS Coin Operated Laundry & Dry Cleaners

William Goodwin
161 Sunset Drive
Horseheads, NY 14845

Schmidt Brothers

Local No 604 UAW
225 Oakwood Avenue
Elmira, NY 14903
607-734-9861

Up to Date Cleaners

Leon Rawls
49 Main Street
Apartment 1
Dansville, NY 14437
585-335-9537

Ace Cleaners

Bruce Ribble
916 A Parma Center Road
Hilton, New York 14468
585-637-6720

If you have any questions or problems please let me know.

Matt

CC: White, Joseph

From: Matthew Dunham
To: Lewis, Lisa
Date: 3/14/2006 8:38:30 AM
Subject: Fwd: Re: New WA and Conflict of Interest

Lisa:

Here are the numbers for the new sites:

Ruddick's Dry Cleaners, Site No. 808037
HTS Coin Operated Laundry & Dry Cleaners, Site No. 808038
Schmidt Brothers, Site No. 808039
Universal Dry Cleaners, Site No. 808040
Up to Date Cleaners, Site No. 826019
Ace Cleaners, Site No. 828133

Matt

>>> Matthew Dunham 03/07/06 10:36 AM >>>

Lisa:

Yes, they are all dry cleaners and they are all in Region 8. Again, if you have any more questions just let know.

Matt

>>> Lisa Lewis 03/07/06 10:33 AM >>>

Matt-

Couple of questions, since these sites aren't in UIS yet:

- 1) Is Schmidt Brothers also a dry cleaners? I can't tell by the name.
- 2) Are all these sites in Region 8, like the other group of cleaners were?

Thanks,
Lisa

>>> Matthew Dunham 03/06/06 10:30 AM >>>

Lisa:

At this time the current site owners are considered the PRPs. Let me know if you have any other questions.

Matt

>>> Lisa Lewis 03/06/06 9:14 AM >>>

Matt-

It is okay that Mactec can do the WAs. If they have no conflicts, then these work assignments will be issued as 6 SEPARATE work assignments. Due to cost-recovery and fiscal issues, we no longer are issuing multi-site work assignments.

Are the people listed the current owners of the sites, or are they the PRPs?
Let me know and I'll get the COI letter out sometime this week.

Lisa

>>> Matthew Dunham 03/03/06 2:08 PM >>>

Lisa:

Is Mactec available for another Site Characterization Work Assignment? If so, here is a list of the sites for possible conflict of interest concerns:

Universal Dry Cleaners

Richard G. MacNeal
306 East McCann's Boulevard
Elmira Heights, NY 14903
607-733-5649

Ruddick's Dry Cleaners

Tier Investment Group
P.O. Box 51
Horseheads, NY 14845

HTS Coin Operated Laundry & Dry Cleaners

William Goodwin
161 Sunset Drive
Horseheads, NY 14845

Schmidt Brothers

Local No 604 UAW
225 Oakwood Avenue
Elmira, NY 14903
607-734-9861

Up to Date Cleaners

Leon Rawls
49 Main Street
Apartment 1
Dansville, NY 14437
585-335-9537

Ace Cleaners

Bruce Ribble
916 A Parma Center Road
Hilton, New York 14468
585-637-6720

If you have any questions or problems please let me know.

Matt

CC: White, Joseph

From: Matthew Dunham
To: Lewis, Lisa
Date: 3/17/2006 7:16:21 AM
Subject: Fwd: Re: Conceptual Approval Memo for Region 8 Dry Cleaners, Site Characterization WA

FYI.

>>> Sal Ervolina 03/16/06 3:03 PM >>>

I approve the conceptual approval memo for site characterizations at several Region 8 dry cleaner sites.

>>> Bennett Campbell 03/16/06 11:56 AM >>>

Sal,

Attached for your approval is the site characterization conceptual approval memo for Region 8 dry cleaners.

The work assignment total is \$433,950.

-Bennett

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau D, 12th Floor
625 Broadway, Albany, New York 12233-7013
Phone: (518) 402-9818 • FAX: (518) 402-9819
Website: www.dec.state.ny.us



MEMORANDUM

TO: Salvatore Ervolina, Assistant Director, Division of Environmental Remediation

FROM: Edward R. Belmore, Director, Remedial Bureau D *Edward R. Belmore*

SUBJECT: Conceptual Approval Memo for:
Ruddick's Dry Cleaners, Site No. 808037
HTS Coin Operated Laundry & Dry Cleaners, Site No. 808038
Schmidt Brothers, Site No. 808039
Universal Dry Cleaners, Site No. 808040
Up to Date Cleaners, Site No. 826019
Ace Cleaners, Site No. 828133
Site Characterization Work Assignment - Operable Unit No. 1

DATE:

Site Names, Numbers and Locations:

Ruddick's Dry Cleaners, Site No. 808037, City of Elmira, Chemung County
HTS Coin Operated Laundry & Dry Cleaners, Site No. 808038, City of Elmira, Chemung County
Schmidt Brothers, Site No. 808039, City of Elmira, Chemung County
Universal Dry Cleaners, Site No. 808040, City of Elmira, Chemung County
Up to Date Cleaners, Site No. 826019, Village of Dansville, Livingston County
Ace Cleaners, Site No. 828133, Village of Brockport, Monroe County

Program Element:

Site Characterization

Project Duration:

45 weeks

Consultant Preference:

Mactec Engineering and Consulting

Estimated WA Budget (WPDC & Total):

Work Plan Development Cost: \$30,000

Total Work Assignment: \$433,950

Funding Source:

State Superfund

Ruddick's Dry Cleaners, Site No. 808037, Chemung County

This potential site consists of a former dry cleaning facility located at 384 Norton Street in a residential area along Newton Creek in the City of Elmira. A Sanborn fire insurance map dated October 1951 identifies a structure, at this location, as a dry cleaner. The majority of the site is now a vacant lot with the exception of a multi-family home on the west side of the property. To the east of this potential site is the Sullivan Street Public Supply Wells. TCE was first detected in the wells in the 1980s and were removed from service in 1990 because of TCE levels above NYS Groundwater and Drinking Water Standards.

HTS Coin Operated Laundry & Dry Cleaners, Site No. 808038, Chemung County

This potential site consists of a former dry cleaning facility located at 225 Oakwood Avenue in a residential area of the Elmira Heights section of the City of Elmira. The site is now occupied by a retail store with an apartment above. To the south of this potential site is the Sullivan Street Public Supply Wells. TCE was first detected in the wells in the 1980s and were removed from service in 1990 because of TCE levels above NYS Groundwater and Drinking Water Standards.

Schmidt Brothers, Site No. 808039, Chemung County

This potential site consists of a former dry-cleaning facility located at 224 Oakwood Avenue in a residential area of the Elmira Heights section of the City of Elmira. The site is now an office for the United Automobile Workers of America (UAW) with an apartment above. To the south of this potential site is the Sullivan Street Public Supply Wells. TCE was first detected in the wells in the 1980s and were removed from service in 1990 because of TCE levels above NYS Groundwater and Drinking Water Standards.

Universal Dry Cleaners, Site No. 808040, Chemung County

This potential site consists of a former dry-cleaning facility located at 306 East McCann's Boulevard in the Elmira Heights section of the City of Elmira. The site is now occupied by a former antique store and is currently being used as an apartment house. To the south of this potential site is the Sullivan Street Public Supply Wells. Trichloroethylene (TCE) was first detected in the wells in the 1980s and were removed from service in 1990 because of TCE levels above NYS Groundwater and Drinking Water Standards.

Up to Date Cleaners, Site No. 826019, Livingston County

This potential site consists of a former dry cleaning facility located at 138 Main Street in the Village of Dansville. Investigations at the Former NYSEG Dansville MGP site (Site No. 8-26-012) confirms that tetrachloroethylene (PCE) is present in the shallow groundwater, at levels above NYS Groundwater and Drinking Water Standards, within the village. More information is needed to confirm that this location is not contributing to the existing PCE plume.

Ace Cleaners, Site No. 828133, Monroe County

This site is an active dry-cleaning facility located at 4626 Lake Road in a mixed commercial/residential area in the Village of Brockport. The Division of Environmental Enforcement conducted a site investigation to confirm allegations that spent dry-cleaning solvent was being discarded into a sump inside the building and onto the ground behind the facility. As a result of this investigation, this site was referred to the spills program (Spill No. 0500215) for an immediate soil removal. Two hundred twenty-five (225) cubic feet of soil was removed, the spill was closed and the site was referred to Remediation for additional investigation.

Attachment

cc: wo/Att. B. Putzig, NYSDEC, Region 8
D. Weigel
D. Finlayson
D. Norvik
T. Wolosen
E. Belmore
J. White
M. Dunham

F:\ca_memo_PSA_III.wpd

**STATE SUPERFUND STANDBY CONTRACT WORK ASSIGNMENT
SITE CHARACTERIZATION
SITE NAMES:**

**Ruddick's Dry Cleaners, Site No. 808037, City of Elmira, Chemung County
HTS Coin Operated Laundry & Dry Cleaners, Site No. 808038, City of Elmira, Chemung County
Schmidt Brothers, Site No. 808039, City of Elmira, Chemung County
Universal Dry Cleaners, Site No. 808040, City of Elmira, Chemung County
Up to Date Cleaners, Site No. 826019, Village of Dansville, Livingston County
Ace Cleaners, Site No. 828133, Village of Brockport, Monroe County**

PROJECT MANAGER: Matthew Dunham

I. Site Locations and Descriptions:

1. Ruddick's Dry Cleaners, Site No. 808037, Chemung County

This potential site consists of a former dry-cleaning facility located at 384 Norton Street in a residential area along Newton Creek in the City of Elmira. A Sanborn fire insurance map dated October 1951 identifies a structure, at this location, as a dry cleaner. The majority of site is now a vacant lot with the exception of a multi-family home on the west side of the property. To the east of this potential site is the Sullivan Street Public Supply Wells. TCE was first detected in the wells in the 1980s and were removed from service in 1990 because of TCE levels above NYS Groundwater and Drinking Water Standards.

2. HTS Coin Operated Laundry & Dry Cleaners, Site No. 808038, Chemung County

This potential site consists of a former dry-cleaning facility located at 225 Oakwood Avenue in a residential area of the Elmira Heights section of the City of Elmira. The site is now occupied by a retail store with an apartment above. To the south of this potential site is the Sullivan Street Public Supply Wells. TCE was first detected in the wells in the 1980s and were removed from service in 1990 because of TCE levels above NYS Groundwater and Drinking Water Standards.

3. Schmidt Brothers, Site No. 808039, Chemung County

This potential site consists of a former dry-cleaning facility located at 224 Oakwood Avenue in a residential area of the Elmira Heights section of the City of Elmira. The site is now an office for the United Automobile Workers of America (UAW) with an apartment above. To the south of this potential site is the Sullivan Street Public Supply Wells. TCE was first detected in the wells in the 1980s and were removed from service in 1990 because of TCE levels above NYS Groundwater and Drinking Water Standards.

4. Universal Dry Cleaners, Site No. 808040, Chemung County

This potential site consists of a former dry-cleaning facility located at 306 East McCann's Boulevard in the Elmira Heights section of the City of Elmira. The site is now occupied by a former antique store and is currently being used as an apartment house. To the south of this potential site is the

Sullivan Street Public Supply Wells. Trichloroethylene (TCE) was first detected in the wells in the 1980s and were removed from service in 1990 because of TCE levels above NYS Groundwater and Drinking Water Standards.

5. Up to Date Cleaners, Site No. 826019, Livingston County

This potential site consists of a former dry cleaning facility located at 138 Main Street in the Village of Dansville. Investigations at the Former NYSEG Dansville MGP site (Site No. 8-26-012) confirms that tetrachloroethylene (PCE) is present in the shallow groundwater, at levels above NYS Groundwater and Drinking Water Standards, within the village. More information is needed to confirm that this location is not contributing to the existing PCE plume.

6. Ace Cleaners, Site No. 828133, Monroe County

This site is an active dry-cleaning facility located in a mixed commercial/residential area in the Village of Brockport. The Division of Environmental Enforcement conducted a site investigation to confirm allegations that spent dry-cleaning solvent was being discarded into a sump inside the building and onto the ground behind the facility. As a result of this investigation this site was referred to the spills program (Spill No. 0500215) for an immediate soil removal. Two hundred twenty five (225) cubic feet of soil was removed, the spill closed and the site referred to Remediation for additional investigation.

II. Scope of Work:

Task 1 - Work Plan Development

Upon receipt of the Work Assignment (WA), the Consultant's Project Manager will contact the New York State Department of Environmental Conservation's (Department) Project Manager to discuss and verify the work to be completed prior to a site visit/scoping session. An electronic version of this WA will be provided to the Consultant by the Department to expedite production of the Project Management Work Plan.

Subtask 1.1 Site Visit/Scoping Session

A site visit/scoping session will be conducted with the Consultant's Project Manager and the Department's Project Manager within two (2) weeks of the receipt of the WA. The tentative scope of the field investigations, including the number of samples and analyses for each media, the expectations for the final report and the project schedule will be agreed upon during this meeting. Any significant issues regarding the overall project will be resolved at this time. Arrangements with the site owner will be made by the Department's Project Manager.

Subtask 1.2 Project Management Work Plan (PMWP)

Within four (4) weeks of the site visit/scoping session, the consultant will submit a draft PMWP. It will include:

- 1) Detailed level of effort and budget for Subtask 1.3 (Preparation of the Work Plan).

- 2) Preliminary estimate of the level of effort and budget.
- 3) Preliminary estimate of the WA progress schedule, including milestones and deliverables.
- 4) Project Staffing Plan identifying key management and technical staff assigned to conduct the work elements, including resumes, NSPE grade levels and a listing of their areas of specialization and project responsibilities.
- 5) Identification of work items to be subcontracted, including a Minority and Women Owned Business Enterprise (M/WBE) and Equal Opportunity (EEO) Utilization Plan.

The consultant is expected to prepare an initial draft with one (1) revision.

Once completed, the PMWP will include the project scope of work, the final budget, the project schedule, the staffing plan, and the Minority and Women-Owned Business Enterprise (M/WBE) and Equal Opportunity (EEO) Utilization Plan. The final budget will include all subcontract fees.

Subtask 1.3 Work Plan (WP)

Within four (4) weeks of the site visit/scoping session, the consultant will submit a draft WP. It will include:

- 1) A draft of the Field Activities Plan (FAP) which summarizes the number and locations of the environmental samples to be obtained with proposed analyses. The FAP should rely on tables and figures for detailing the plan.
- 2) Site-Specific Health and Safety Plan (HASP) and Community HASP. A Community Air Monitoring Plan may be required if any intrusive field activities are conducted (e.g., test pitting).
- 3) Site-Specific Quality Assurance Project Plan (QAPP).
- 4) Final Budget (2.11 forms) and supporting documentation of bids.

The consultant is expected to prepare an initial draft with one (1) revision.

Once the PMWP and WP are approved, a Notice to Proceed (NTP) will be issued for the remainder of the WA. The total time for the NTP to be issued should not exceed 75 days after the issuance of the WA unless unanticipated circumstances are encountered.

Subtask 1.4 - Records/Background Search

Prior to the start of field work, a detailed records/background search shall be performed to supplement data provided by the Department's Project Manager. This may include but is not limited to:

- Site Reconnaissance
- Regulatory-Database Review

- Historical-Land-Title-Records Review
- Historical-Aerial-Photograph Review
- Regulatory information to be collected related to permits, prosecutions/control orders/work orders/complaints or any violations
- Property use records such as fire insurance maps, city directory searches and contaminated site and property-use registries where available
- Company records search for useful documents such as building plans, environmental monitoring data, waste management records
- Approximate dates of operation
- Suspect source areas per parcel
- Dry-cleaning solvents and chemicals used

The results from this records search will be used to develop an initial conceptual site model that will be the basis for the subsequent field work. The final Site Characterization Report will contain copies of records reviewed, synopses of interviews conducted, copies of database searches and any and all relevant information collected.

Task 2 - Field Investigations

Field investigations will be conducted at each site to determine if there is contamination at the site and to determine the extent to which these contaminants pose a threat to human health and the environment. Field investigation activities will include the completion of up to ten (10) geoprobe borings (at each location), collection and analyses of soil samples, groundwater samples, soil gas samples and the installation of microwells. The objective is to compare groundwater analytical results to New York State Class GA Groundwater Quality Standards and to compare soil analytical results to the Department's Technical and Administrative Guidance Memorandum (TAGM) 4046.

Subtask 2.1 Soil Gas

An active soil gas investigation will be completed to characterize the extent of groundwater contamination, identify potential source areas and evaluate the potential for vapor intrusion. The soil gas investigation will include the collection of approximately five (5) soil gas samples at each location. At least one (1) soil gas sample, per location, will be located within the suspected source area(s).

Subtask 2.2 Groundwater

Up to three (3) groundwater samples will be collected from each boring from approximately five (5) feet below the water table to an approximate depth of 30 feet below the water table, or refusal. At locations where adequate water volumes are present, one (1) set of parameters including temperature, conductivity, pH, and turbidity will be collected before sampling. At least one (1) groundwater sample, per location, will be located within the suspected source area(s).

Subtask 2.3 Soil Sampling

Soil samples will be collected continuously from the ground surface to an approximate depth of five (5) feet below the water table. Each soil core will be used to document the overburden lithology and determine the presence or absence of contamination. Each soil core sample will be screened for organic vapors using a Photo Ionization Detector (PID) to help select the appropriate intervals for sampling and

analysis. At least one (1) soil sample, per location, will be located within the suspected source area(s).

Subtask 2.4 Microwell Installation

To determine groundwater flow direction up to four (4) borings will be completed as microwells. Microwells will be installed after soil and groundwater samples have been collected from the selected borings. The microwells will be installed as piezometers and used for water level measurements only.

Subtask 2.5 Site Survey and Basemap Preparation

Upon completion of field work, all soil gas monitoring locations, soil sample locations, microwell locations and any other sampling points must be established by a New York State licensed surveyor. A detailed topographic base map of the site and immediate vicinity will be developed. Contours will be plotted at one (1) foot intervals. Tax maps will be reviewed and the property lines of the parcels will be plotted on the base map. All elevations will be referenced to the North American Vertical Datum (NAVD) 88 and all horizontal locations will be referenced to the North American Datum (NAD) 83.

Task 3 - Reporting

Subtask 3.1 Data Validation/Determination of Usability

The collection and reporting of reliable data is a primary focus of the sampling and analytical activities. Field data will be reviewed to determine the limitations, if any, of the data and to assure that the procedures are effective and that the data generated provides sufficient information to achieve the project objectives. The consultant will evaluate the analytical data according to Division of Environmental Remediation's Data Usability Summary Report (DUSR) guidelines and a Data Validation/Usability Report will be included in the final Site Characterization Report.

Subtask 3.2 Site Characterization Report

The consultant will prepare a detailed Site Characterization Report. The consultant is expected to prepare an initial draft with one (1) complete revision. The report shall also include data gaps, if any. The report will include at a minimum:

1. the work plan and any deviations from the work plan
2. the collected data.
3. interpretation of the data.
4. records reviewed, synopses of interviews conducted, copies of database searches, all field notes and any and all relevant information collected

The findings of the report must be reduced by the Consultant and made available to the Department and New York State Department of Health for review. The consultant will submit the initial draft electronically (WordPerfect 11 or compatible format). Tables and spreadsheets will also be submitted electronically (Corel QuattroPro Version 11 or compatible). The final version of the Report will be submitted in a Portable Document Format (PDF).

III. Estimate of Work Assignment Budget:

Cost	Ruddick's	HTS	Schmidt	Universal	Up to Date	Ace	Total
Task 1	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$30,000.00
Task 2	\$49,200.00	\$49,200.00	\$49,200.00	\$49,200.00	\$49,200.00	\$49,200.00	\$295,200.00
Task 3	\$18,125.00	\$18,125.00	\$18,125.00	\$18,125.00	\$18,125.00	\$18,125.00	\$108,750.00
Total	\$72,325.00	\$72,325.00	\$72,325.00	\$72,325.00	\$72,325.00	\$72,325.00	\$433,950.00
LOE (hours)	Ruddick's	HTS	Schmidt	Universal	Up to Date	Ace	Total
Task 1	50.00	50.00	50.00	50.00	50.00	50.00	300.00
Task 2	320.00	320.00	320.00	320.00	320.00	320.00	1920.00
Task 3	250.00	250.00	250.00	250.00	250.00	250.00	1500.00
Total	620.00	620.00	620.00	620.00	620.00	620.00	3720.00

IV. Period of Performance

The Site Characterization shall be completed within 45 weeks of the receipt of the work assignment.

V. Work Plan Development Cost Authorization

The consultant is authorized to spend up to \$30,000 to perform Task 1.

VI. Project Schedule with Milestones

Description of Activity		Weeks (from Issuance of Work Assignment)
Completion of Work Plan	*	10
Initiation of Field Work		12
Completion of Field Work		32
Completion of Report	*	45

* Project Milestone requiring performance evaluation

VII. Project Budget

The total budget for this WA is \$433,950.

VIII. M/WBE Utilization Plan

MBE goals = 15 percent

WBE goals = 5 percent

EEO goals = 10 percent female, 10 percent minority

From: Matthew Dunham
To: Lewis, Lisa; Weber, William
Date: 3/21/2006 9:41:34 AM
Subject: Re: NYSDEC Various Region 8 Dry Cleaners

Site addresses as requested:

Universal Dry Cleaners #808040

306 East McCann's Boulevard
Elmira Heights, NY 14903

Ruddick's Dry Cleaners #808037

1325 Lake Street/384 Norton Street
Elmira, NY 14901

HTS Coin Operated Laundry & Dry Cleaners #808038

224 Oakwood Avenue
Elmira, NY 14903

Schmidt Brothers #808039

225 Oakwood Avenue
Elmira, NY 14903

Up to Date Cleaners #826019

138 Main Street
Dansville, NY 14437

Ace Cleaners #828133

4626 Lake Road
Brockport, New York 14420

Matthew Dunham
NYSDEC
Division of Environmental Remediation
Remedial Bureau D
625 Broadway
Albany, New York 12233-7013
Telephone: 518-402-9812
Fax: 518-402-9819

>>> "Weber, William" <WJWeber@mactec.com> 03/21/06 9:27 AM >>>
Lisa, I received your March 17 COI cert request letter for various dry
cleaners in region 8. Projects are not available on the NYSDEC site
data base so I would like to get the street address for each site. Our
process of checking conflicts is to check our contract data base for
PRPs but also look to see if we have done work in close proximity to the
site as well. Matt, can you provide either Latitude and Longitude or
street address? Thanks

William J. Weber, P.E. | Principal Engineer
MACTEC Engineering and Consulting, Inc. | Portland, ME
Office 207-828-3381 | Fax 207-772-4762
Email wjweber@mactec.com | Web www.mactec.com <<http://www.mactec.com>>



engineering and constructing a better tomorrow

March 22, 2006

Ms. Lisa M. Lewis
New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Program Management, 12th Floor
625 Broadway
Albany, New York 12233-7012

Dear Ms. Lewis:

Subject: Conflict of Interest Check
Work Assignment for Various Region 8 Dry Cleaning Sites
Site # 8-08-040 Universal Dry Cleaners, Elmira Heights,
Site # 8-08-037 Ruddick's Dry Cleaners, Horseheads,
Site # 8-08-038 HTS Coin Operated Laundry and Dry Cleaners, Horseheads,
Site # 8-08-039 Schmidt Brothers, Elmira,
Site # 8-26-019 Up to Date Cleaners, Dansville
Site # 8-28-133 Ace Cleaners, Hilton

Attached is our certification that MACTEC Engineering and Consulting, P.C. (MACTEC) has no conflicts with the potentially responsible parties identified in your March 17, 2006 letter for the Various Region 8 Dry Cleaning Sites.

Thank you for the opportunity to serve the NYSDEC.

Sincerely,

MACTEC Engineering and Consulting, P.C.

A handwritten signature in black ink, appearing to read "Wing Wm", written over the printed name of William J. Weber.

William J. Weber, P.E.
Program Manager

Conflict of Interest Certification

The undersigned, representing **MACTEC Engineering and Consulting**, hereby certifies for **Universal Dry Cleaners, Ruddick's Dry Cleaners, HTS Coin Operated Laundry & Dry Cleaners, Schmidt Brothers, Up to Date Cleaners, and Ace Cleaners:**

- 1) That I have been informed by the New York State Department of Environmental Conservation who the known potentially responsible parties are for the subject sites, and
- 2) That to the best of my knowledge, **MACTEC Engineering and Consulting** and the employees of the firm to be assigned to this project have no conflict of interest with the work proposed at these sites, and
- 3) That **MACTEC Engineering and Consulting** presently has no contracts with, nor imminent prospects of contracts with, potentially responsible parties associated with the above-named sites, and
- 4) That **MACTEC Engineering and Consulting** has no responsibilities to potentially responsible parties associated with the above-named sites.

MACTEC Engineering and Consulting also agrees to be bound by provisions of Appendix B, Section II of the Standby Contract between the Department and **MACTEC Engineering and Consulting** (Contract #D003826).

Certified By:

Wing W. Wu
Signature of Consultant

MACTEC Engineering & Consulting
Consulting Firm

March 22, 2006
Date

From: Lisa Lewis
To: wjweber@mactec.com
Date: 3/28/2006 4:09:42 PM
Subject: WA issuance for Region 8 Dry Cleaners - Group 2

Hi Bill-

Just wanted to give you a heads up that this WA is in the mail. All six sites have been included in the same WA, number 29.

Here's the deal with the multi-sites, at least as of now:

1. You need to prepare a work plan for each site separately, dividing up costs per site for ALL phases of work, including work plan development costs. Roll up costs into a summary budget, too, as usual.
2. You can do rebudgets among tasks on the same site.
3. You CANNOT rebudget (move funds) between the different sites. If more work needs to be done on a site, an amendment will have to be done.
4. Once a multi-site WA is accepted, there will be NO switching of sites. Again, an amendment would have to be done if a different site is to be added.

All of this is necessary because of our fiscal system and the need for cost recovery.
Let me know if you have any questions, and I'll try to get them answered for you.

Lisa

Lisa M. Lewis
Contract Manager
NYS Dept. of Environmental Conservation
Division of Environmental Remediation
Bureau of Program Management
Contracts & Payments Section
625 Broadway, 12th Floor
Albany, NY 12233-7012

Phone: (518) 402-9601
Fax: (518) 402-9722
Email: lmlewis@gw.dec.state.ny.us

CC: Dunham, Matthew



engineering and constructing a better tomorrow

March 31, 2006

Ms Lisa Lewis
New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Program Management, 12th Floor
625 Broadway
Albany, New York 12233-7012

Dear Ms Lewis:

**Subject: Work Assignment Acceptance
 Region 8 Dry Cleaners – Group 2
 Work Assignment #D003826-29**

Attached is our signed acceptance for the Region 8 Dry Cleaners – Group 2 Site Characterization Work Assignment. Our Project Manager will be John Peterson who is also managing the Group 1 Sites in Region 8. We believe MACTEC and Mr. Peterson's experience with similar waste sites will provide the NYSDEC with an efficient approach in developing the work plan and implementing the SC. We will be contacting Mat Dunham shortly to schedule the site visit and scoping session.

We look forward to again serving the NYSDEC on these important remediation projects.

Sincerely,

MACTEC Engineering and Consulting, P.C.

A handwritten signature in black ink, appearing to read "W. J. Weber", written in a cursive style.

William J. Weber, P.E.
Program Manager

New York State Department of Environmental Conservation

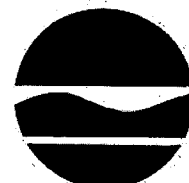
Division of Environmental Remediation

Bureau of Program Management, Room 1224

625 Broadway, Albany, New York 12233-7012

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

Website: www.dec.state.ny.us



Denise M. Sheehan
Commissioner

March 28, 2006

Mr. William Weber, P.E.
Program Manager
MACTEC Engineering and Consulting
511 Congress Street, P.O. Box 7050
Portland, Maine 04112-7050

Dear Mr. Weber:

Re: **Work Assignment #D003826-29**
Region 8 Dry Cleaners - Group 2
Ruddick's Dry Cleaners, Site #8-08-037
HTS Coin Operated Laundry and Dry Cleaners, Site #8-08-038
Schmidt Brothers, Site #8-08-039
Universal Dry Cleaners, Site #8-08-040
Up to Date Cleaners, Site #8-26-019
Ace Cleaners, Site #8-28-133

Enclosed is a copy of a State Superfund Work Assignment (WA) for the above referenced project. Please acknowledge receipt by returning a signed copy of this letter to me within one week of receipt.

This WA has been identified by an alpha-numeric designation denoting the MACTEC Engineering and Consulting contract number and sequential number of this WA. Although this letter authorizes the expenditure of Work Plan Development Cost funds, these funds will not be available for payment until the Office of the State Comptroller (OSC) encumbers monies for this WA (generally this takes four weeks).

Project Name:	Region 8 Dry Cleaners - Group 2
W.A. Number:	D003826-29
Site Numbers:	Various
Operable Unit No.:	N/A
Program Element:	SC
NYSDEC Project Manager:	Matthew Dunham
Phone Number:	(518) 402-9812

Work Plan Development Cost Authorization (Task 1):	\$ 30,000
Estimated Work Assignment Budget (Tasks 2-3):	\$403,950
Total Estimated Work Assignment Budget (All Tasks):	\$433,950

Also enclosed is a copy of the work plan development schedule. All efforts should be made to adhere to it. Final work plans and budgets are to be developed so that a Notice to Proceed can be

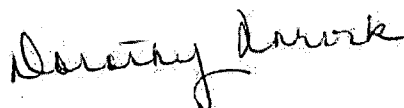
issued within a maximum of 90 days. Failure to do so may result in termination of this WA and will affect your firm's receipt of future work assignments.

A work plan submitted to the Department should include the following items:

1. **Description of major tasks and subtasks.**
2. **Detailed work assignment progress schedule with milestones.**
3. **Identification of areas of work requiring subcontracting.**
4. **A detailed work assignment budget broken down by tasks and subtasks (using schedule 2.11 in the contract) in accordance with the contract's budget reporting requirements, utilizing cost rates and factors contained in the base contract (see Article 4 of contract), applied to the approved level-of-efforts. Schedule 2.11(b) must include all labor hours inclusive of administrative labor hours which should be presented separately in Schedule 2.11(b-1).**
5. **A staffing plan identifying management and technical staff and their responsibilities (submit resumes only for unapproved employees).**
6. **A final M/WBE Utilization Plan identifying subcontracts most likely to result in M/WBE utilization to be submitted to this office within two weeks.**

If you have any questions concerning contractual procedures, please contact Ms. Lisa Lewis at (518) 402-9601. If you have any questions concerning WA-related technical issues, please contact the New York State Department of Conservation project manager identified in this letter. Please submit five (5) double-sided copies of the Work Plan and all responses on this WA to me.

Sincerely,



Dorothy Norvik
Chief
Contracts and Payments Section
Bureau of Program Management

Enclosures

Date Received and Accepted: 7/31/06

Signature of Consultant: [Handwritten Signature]



engineering and constructing a better tomorrow

September 15, 2006

Ms. Lisa M. Lewis
New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Program Management, 12th Floor
625 Broadway
Albany, New York 12233-7012

Dear Ms. Lewis:

**Subject: Conflict of Interest Check
Work Assignment for Site Characterization
Site # 8-28-138, Rolling Plains Site**

Attached is our certification that MACTEC Engineering and Consulting, P.C. (MACTEC) has no conflicts with the potentially responsible parties identified in Matt Dunham e-mail dated September 5, 2006 except as noted on the attached certification. This site will be added to Work Assignment No. D004434 - 5

Thank you for the opportunity to serve the NYSDEC.

Sincerely,

MACTEC Engineering and Consulting, P.C.

A handwritten signature in black ink, appearing to read "W. J. Weber".

William J. Weber, P.E.
Program Manager

Conflict of Interest Certification

The undersigned, representing MACTEC Engineering and Consulting, hereby certifies for Universal Dry Cleaners, Ruddick's Dry Cleaners, HTS Coin Operated Laundry & Dry Cleaners, Schmidt Brothers, Up to Date Cleaners, and ~~Acc Cleaners~~ **ADDED ROWING PLAINS**

SITE # 8-28-138

- 1) That I have been informed by the New York State Department of Environmental Conservation who the known potentially responsible parties are for the subject sites, and
- 2) That to the best of my knowledge, MACTEC Engineering and Consulting and the employees of the firm to be assigned to this project have no conflict of interest with the work proposed at these sites, and
- 3) That MACTEC Engineering and Consulting presently has no contracts with, nor imminent prospects of contracts with, potentially responsible parties associated with the above-named sites, and
- 4) That MACTEC Engineering and Consulting has no responsibilities to potentially responsible parties associated with the above-named sites.

MACTEC Engineering and Consulting also agrees to be bound by provisions of Appendix B, Section II of the Standby Contract between the Department and MACTEC Engineering and Consulting (Contract # ~~D003826~~).

D004434-5

Certified By:

Wing Wum
Signature of Consultant

MACTEC Engineering & Consulting
Consulting Firm

March 22, 2006
Date

9/15/06 MACTEC ADDED ROWING PLAINS SITE PRP IS HANSON AGGREGATES
MACTEC LOS ANGELES OFFICE WORKING FOR HANSON AGGREGATES OF
ARIZONA. NO STAFF ON THAT PROJECT WILL BE USED ON THIS
NYSDEC ASSIGNMENT. WE DO NOT BELIEVE THERE IS A CONFLICT.
Wing Wum 9/15/06



New York State Department of Environmental Conservation

MEMORANDUM

WP-30272

spoke to
Chuck
Staples
8/24/06
- gave
WP
comments
verbally

To: File
From: Lisa Lewis, Contract Manager, CPS, BPM, DER
Subject: Review of Cost Sections for CONSULTANT Work Assignment #D00XXXX-XX Final-Work Plan for the _____ Site
Date: 8/18, 2006

D003826-29

R-8 DC GRP 2

D004434-5

I have reviewed the cost sections for the above referenced WA. The cost sections appear to be reasonable and satisfactorily completed. The following checklist outlines the review process and review comments. Please see me if you have any questions.

GENERAL COST REVIEW CHECKLIST		Yes	No	Comments
	Are the costs for Task 1 and the total WA within the budget on the Conceptual Approval?	✓		
	Is there a complete set of 2.11 Schedules (a) through (h)?	✓		WP-30272 Summary
1.	Schedule 2.11(a)			
	Do rates for indirect costs and fixed-fee match contract rates? (Are sliding rates applicable?)	✓		
	Do numbers add up?	✓		
2.	Schedule 2.11(b) - Direct Labor Hours			
	Are average reimbursement rates used for each year? (Check rates in contract vs. time period of WA.)	✓		
	Are hours segregated by year?	✓		
	Is total cost for each NSPE level shown?	✓		
	Does total direct labor costs match amount on Schedule 2.11(a)?	✓		
	Do total hours match hours on Schedule 2.11(h)?	✓		separate (h)s per site
	Is the Principal's (NSPE level 9) time less than 2% of total time?	✓		
3.	Schedule 2.11(b-1) - Direct Administrative Labor Hours			
	Is breakdown of Schedule 2.11(b-1) reasonable (i.e. within the acceptable guidelines of 4% administrative hours and 2% for Principal, both out of total project hours)? If not, did Consultant submit acceptable justification?	✓		
4.	Schedules 2.11(c) and (d) - Direct Non-Salary			
	Are rates listed in Schedule 2.11(c) consistent with contract?	✓		
	Are rates for in-house and/or miscellaneous costs in their contract (Schedule 2.10(b))? If not, are quotes included for any item (including equipment purchases & rentals; excluding air fare) >\$1k? (For estimated cost, not unit cost.)	✓		
	Are there any unallowable costs? (e.g. Telephone and shipping cannot be reimbursed as a direct cost if included in ICR; if an item is not in ICR, it should be on 2.10(b) or 2.10(c).)		✓	
	Are appropriate lodging/per diem rates used?	✓		
	Are rates approved for consultant-owned equipment (Schedule 2.10(c))?			N/A

GENERAL COST REVIEW CHECKLIST		Yes	No	Comments
	Does total direct non-salary costs match amount on Schedule 2.11(a)? <i>separate (C/B) per site</i>	✓		
	Are other direct costs (# of travel days, lodging, and field equipment usage) reasonable based on field work schedule or supporting documentation from consultant? (Ask PM)	✓		
5.	Schedule 2.11(e) - Cost-plus-fixed-fee subcontracts (typically don't need quotes)			<i>separate (C/B) per site</i>
	Is proposed subconsultant on standby? If not, does proposed subconsultant have DEC approved rates with another standby consultant?	✓		
	Is subconsultant contract active and do rates (direct salary costs, indirect costs, direct non-salary costs, and fixed-fee) match?	✓		
	Is there a breakdown of direct non-salary costs (i.e. are additional Sch. 2.11's needed)?	✓		
	Does total subcontract amount match Schedule 2.11(a)?	✓		
	Has subcontractor justified/obtained adequate quotes for any further subcontracted work?	—		N/A
6.	Schedule 2.11(f) - Unit Price Subcontracts (aka per diem, lump sum)			<i>separate (P) per site</i>
	Are proposed subcontractors on standby? If not, are there quotes for subcontracts >\$1k? Bids should be comparable (quantities and items) and provide unit costs plus job total.	✓	<i>mm</i>	
	<i>Standby Drillers</i> (Two-step process) - Are costs from at least 3 standbys compared? If not, an additional quote from a non-standby driller may be needed. Are proper unit costs and mob/demob costs used?	✓	<i>mm</i>	<i>if bed \$141-921/50 quoted</i>
	<i>Standby Lab and Data Validators</i> (Used on a rotational basis) - Do unit cost per sample match unit cost in standby contract?	✓		
	<i>Other</i> - Standard solicitation rules (quotes) apply for services >\$1k. <i>EDV</i>	<i>mm</i>	✓	<i>OKAY N/A quotes</i>
	<i>M/WBE</i> - Are sole-source M/WBE contracts <\$5k and cost-reasonableness documented?	✓	<i>mm</i>	<i>not given</i>
	Is management fee calculated only on non-professional unit priced subs >\$10k? Appropriate rate? (Fee cannot be calculated on professional engineers, architects, or surveyors.)	✓		
7.	Schedule 2.11(g) - Cost Control Report			
	Do individual 2.11(g)s equal the summary 2.11(g) and do those costs match 2.11(a)?	✓		
8.	Supplemental 2.11(g) - Cost Control Report (subs)			
	Do schedules include all applicable subcontracts and management fee? (Unit price only.)	✓		
9.	Schedule 2.11(h) - Summary of Labor Hours			
	Do hours on 2.11(h) match those on 2.11(b)?	✓		
10.	Supplemental Supporting Cost Information			
	Has additional cost info. been supplied which has not been incorporated into WA budget documentation? List: <i>Quotes - Chuck's email N/A for new plan</i> <i>- double-sided</i> <i>-(9) roll up pages for all tasks (1-2)</i>			

68498
52262
16236

66821
50717
16105

58165
42176
15989

56710
40721
15989

63844
47855
15989

66119
50130
15989

68498	Associated
66822	Universal
58165	Ace
56710	Up to Date
63844	Ruddick's
66119	HTS Laundry

\$ 380158

386157
283861
96297



engineering and constructing a better tomorrow

July 28, 2006

Ms. Lisa Lewis
New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Program Management
625 Broadway, 12th Floor
Albany, NY 12233-7012

Subject: Work Assignment D003826-29
Region 8 Dry Cleaners - Group 2
Subcontractor and Vendor Cost Estimate Evaluation

Dear Ms. Norfleet:

MACTEC Engineering and Consulting, P.C. (MACTEC) requested quotations from contractors and equipment rental companies to perform professional services and to supply field equipment for the subject work assignment. We are submitting to you results of the quotations, and request your approval of the recommended firms.

Direct Push Subcontractor. Mobilization quotations were received from three of the four standby Geoprobe firms. In addition, MACTEC requested a price quote from Geologic-NY, a New York State Certified Women Owned Business, which is not on the current standby list, but for which MACTEC currently has a sub-contract in place for work conducted under our NYSDEC standby contract. A copy of the standby cost tables with mobilization costs is included in attachment A.

Results of the five bids are shown below:

Geologic NY, Inc.	\$47,160
Matrix Environmental	\$52,517
Nothnagle Drilling	\$56,050
Aquifer Drilling and Testing	\$57,150
New England Boring	\$59,200

Of the five bidders, we recommend selection of Geologic NY, Inc., whose bid was technically responsive as well as lowest in cost. Please note that the total price is different in the 2.11(f) (total cost of \$50,160) which reflects addition of potential drum removal costs (Geologic's cost estimate of \$250 per drum was relatively consistent with Matrix quote of \$315 per drum and Aquifers quote of \$200 per drum).

Ms. Lisa Lewis
Page 2
July 28, 2006

Laboratory Subcontractor. MACTEC currently has four subcontract laboratories on standby for work conducted under the NYSDEC standby contract. MACTEC has chosen Chemtech Consulting Group, Inc., based on both laboratory rotation, as well as an attempt to meet our NYSDEC contract M/WBE goals. MACTEC has been assured that previous issues encountered with Chemtech's quality of work have been resolved.

The total cost of this laboratory contract is \$49,620.

Data Validation Subcontractor. MACTEC has chosen Environmental Data Validators, Inc. (EDV) for validation of laboratory data. MACTEC has previously submitted price justifications for EDV's validation costs.

→ in Reg 8 DC Grp 1 file

The total cost of this data validation contract is \$11,844.

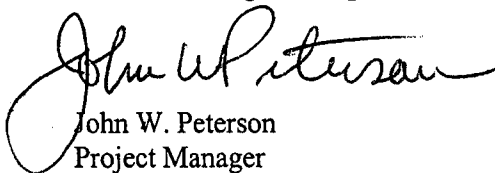
Vendor Rented Equipment. Below is a list of anticipated equipment to be used (as listed on Schedule 2.11(3) 3. We have selected Pine Environmental for equipment based on their pricing. Price comparisons were submitted under previous work assignments.

Pine Environmental
Geopump
Horiba U-22 w/ flow cell
Turbidity Meter
Minirae PID
Hammer Drill
Trimble GPS Unit
MGD-2002 Multi Gas Locator

We ask that you approve the subcontractors and equipment rental vendors described above. If you have any questions, please call me at 207-828-3644.

Sincerely,

MACTEC Engineering and Consulting, P.C.



John W. Peterson
Project Manager

cc: File

ATTACHMENT 1

DIRECT PUSH COSTS

**NYSDEC STANDBY SUBCONTRACT
BID QUOTATION SCHEDULE FOR GEOPROBE SERVICES**

FIRM NAME:

Matrix Environmental Technologies, Inc.

ITEM NO.	DESCRIPTION	UNITS	UNIT COSTS			LEVEL D	
			LEVEL B	LEVEL C	LEVEL D	QUANTITY	COST
MOBILIZATION and PER DIEM							
1.	Mobilization	\$/ls				6	4650
2.	Modified Level C personal protection	\$/psn/d.	N/A	N/A	\$175.00		
DIRECT PUSH SYSTEMS							
3.	Direct Push System - Truck Mounted	\$/day	NA	\$1,600.00	\$1,400.00	28	\$39,200.00
4.	Direct Push System - Special Access Mounted (ATV Skid)	\$/day	NA	NA	NA		
5.	Direct Push System - Special Access Mounted (tripod, cart for inside buildings)	\$/day	NA	NA	NA		
Additional Items							
6.	Temporary Decon Pad (Mobil)	\$/ls			\$100.00	6	\$600.00
7.	Piezometer installed in direct push hole - 1" diameter Sch. 40 PVC, including riser, screen, sandpack and bentonite seals/grout Depths of 0 ft to < 30 ft	\$/lf.			\$3.00	600	\$1,800.00
8.	Piezometer installed in direct push hole - 1" diameter Sch. 40 PVC, including riser, screen, sandpack and bentonite seals/grout Depths of < 30 ft to <60 ft	\$/lf.			\$3.00		\$0.00
9.	6" steel flush mounted vault w/water tight seal	\$/ea			\$57.50	24	\$1,380.00
10.	Cost to supply USDOT 55 gallon drum (solid and/or liquid)	\$/ls			\$50.00	12	\$600.00
11.	Goundwater sample with hydropunch (or equivalent)	\$/ea			\$15.00	240	\$3,600.00
12.	Soil gas sample with sealed sample point (i.e.geoprobe PRT)	\$/ea			20	24	\$480.00
13.	Concrete	\$/bag			\$6.00	12	\$72.00
14.	Asphalt patch	\$/bag			\$10.00	6	\$60.00
15.	Pemitting	\$/ls			75	1	\$75.00

NOTES:

\$/lf. = dollars per linear foot

\$/hr. = dollars per hour

\$/ea. = dollars per unit

\$/ls. = dollars per lump sum unit

\$/psn/d. = dollars per person per day

N/A = not applicable

* = Mobilization will be requested on a site-specific basis.

** = Provide price if applicable

Estimated Quantity = for cost comparison purposes only, and not representative of actual expected quantities.

ASSUMPTIONS

1) Day rate for geoprobe includes 2-person field crew for 10 hour day.

2) Day rate for geoprobe also includes cost of soil, soil gas, and groundwater sampling equipment not listed above.

(i.e. soil sleeves and pumps. Analytical sample containers will be supplied and collected by MACTEC representative.)

3) Day rate for geoprobe also includes cost of steam cleaner and supply of decon-water, as well as concrete coring drill, if needed.

\$	52,517.00
Total	

**NYSDEC STANDBY SUBCONTRACT
BID QUOTATION SCHEDULE FOR GEOPROBE SERVICES**

FIRM NAME: New England Boring

ITEM NO.	DESCRIPTION	UNITS	UNIT COSTS			LEVEL D	
			LEVEL B	LEVEL C	LEVEL D	QUANTITY	COST
MOBILIZATION and PER DIEM							
1.	Mobilization	\$/ls				6	
2.	Modified Level C personal protection	\$/psn/d.	N/A	N/A	\$25.00		
DIRECT PUSH SYSTEMS							
3.	Direct Push System - Truck Mounted	\$/day	\$1,950.00	\$1,755.00	\$1,300.00	28	\$36,400.00
4.	Direct Push System - Special Access Mounted (ATV Skid)	\$/day	\$1,950.00	\$1,755.00	\$1,300.00		\$0.00
5.	Direct Push System - Special Access Mounted (tripod, cart for inside buildings)	\$/day	\$1,950.00	\$1,755.00	\$1,300.00		\$0.00
Additional Items							
6.	Temporary Decon Pad (Mobil)	\$/ls	n/a	n/a	\$300.00	6	\$1,800.00
7.	Piezometer Installed in direct push hole - 1" diameter Sch. 40 PVC, including riser, screen, sandpack and bentonite seals/grout Depths of 0 ft to < 30 ft	\$/lf.	\$12.00	\$11.00	\$8.00	600	\$4,800.00
8.	Piezometer Installed in direct push hole - 1" diameter Sch. 40 PVC, including riser, screen, sandpack and bentonite seals/grout Depths of < 30 ft to <60 ft	\$/lf.	\$12.00	\$11.00	\$8.00		\$0.00
9.	6" steel flush mounted vault w/water tight seal	\$/ea	\$143.00	\$129.00	\$95.00	24	\$2,280.00
10.	Cost to supply USDOT 55 gallon drum (solid and/or liquid)	\$/ls	\$68.00	\$61.00	\$45.00	12	\$540.00
11.	Goundwater sample with hydropunch (or equivalent)	\$/ea	\$68.00	\$61.00	\$45.00	240	\$10,800.00
12.	Soil gas sample with sealed sample point (i.e.geoprobe PRT)	\$/ea	\$150.00	\$135.00	\$100.00	24	\$2,400.00
13.	Concrete	\$/bag	\$15.00	\$13.50	\$10.00	12	\$120.00
14.	Asphalt patch	\$/bag	\$15.00	\$13.50	\$10.00	6	\$60.00
15.	Permitting	\$/ls				1	\$0.00

NOTES:

\$/lf. = dollars per linear foot

\$/hr. = dollars per hour

\$/ea. = dollars per unit

\$/ls. = dollars per lump sum unit

\$/psn/d. = dollars per person per day

N/A = not applicable

* = Mobilization will be requested on a site-specific basis.

** = Provide price if applicable

Estimated Quantity = for cost comparison purposes only, and not representative of actual expected quantities.

ASSUMPTIONS

1) Day rate for geoprobe includes 2-person field crew for 10 hour day.

2) Day rate for geoprobe also includes cost of soil, soil gas, and groundwater sampling equipment not listed above.

(i.e. soil sleeves and pumps. Analytical sample containers will be supplied and collected by MACTEC representative.)

3) Day rate for geoprobe also includes cost of steam cleaner and supply of decon-water, as well as concrete coring drill, if needed.

\$	59,200.00
Total	

**NYSDEC STANDBY SUBCONTRACT
BID QUOTATION SCHEDULE FOR GEOPROBE SERVICES**

FIRM NAME: Nothnagle Drilling

ITEM NO.	DESCRIPTION	UNITS	UNIT COSTS			LEVEL D	
			LEVEL B	LEVEL C	LEVEL D	QUANTITY	COST
MOBILIZATION and PER DIEM							
1.	Mobilization	\$/ls			400	6	\$2,400.00
2.	Modified Level C personal protection	\$/psn/d.	N/A	N/A	\$3.00		
DIRECT PUSH SYSTEMS							
3.	Direct Push System - Truck Mounted	\$/day	\$1,950.00	\$1,600.00	\$1,300.00	28	\$36,400.00
4.	Direct Push System - Special Access Mounted (ATV Skid)	\$/day	\$1,950.00	\$1,600.00	\$1,300.00		\$0.00
5.	Direct Push System - Special Access Mounted (tripod, cart for inside buildings)	\$/day	\$1,950.00	\$1,600.00	\$1,300.00		\$0.00
Additional Items							
6.	Temporary Decon Pad (Mobil)	\$/ls	\$150.00	\$130.00	\$100.00	6	\$600.00
7.	Piezometer installed in direct push hole - 1" diameter Sch. 40 PVC, including riser, screen, sandpack and bentonite seals/grout Depths of 0 ft to < 30 ft	\$/lf.	\$10.00	\$8.00	\$5.00	600	\$3,000.00
8.	Piezometer installed in direct push hole - 1" diameter Sch. 40 PVC, including riser, screen, sandpack and bentonite seals/grout Depths of < 30 ft to <60 ft	\$/lf.	\$13.00	\$9.50	\$6.50		\$0.00
9.	6" steel flush mounted vault w/water tight seal	\$/ea	\$150.00	\$130.00	\$95.00	24	\$2,280.00
10.	Cost to supply USDOT 55 gallon drum (solid and/or liquid)	\$/ls	\$37.50	\$32.50	\$25.00	12	\$300.00
11.	Goundwater sample with hydropunch (or equivalent)	\$/ea	\$150.00	\$130.00	\$40.00	240	\$9,600.00
12.	Soil gas sample with sealed sample point (i.e.geoprobe PRT)	\$/ea	\$75.00	\$65.00	\$50.00	24	\$1,200.00
13.	Concrete	\$/bag	\$15.00	\$13.00	\$10.00	12	\$120.00
14.	Asphalt patch	\$/bag	\$37.50	\$32.50	\$25.00	6	\$150.00
15.	Pemitting	\$/ls.	NA	NA		1	\$0.00

NOTES:

\$/lf. = dollars per linear foot

\$/hr. = dollars per hour

\$/ea. = dollars per unit

\$/ls. = dollars per lump sum unit

\$/psn/d. = dollars per person per day

N/A = not applicable

* = Mobilization will be requested on a site-specific basis.

** = Provide price if applicable

Estimated Quantity = for cost comparison purposes only, and not representative of actual expected quantities.

ASSUMPTIONS

1) Day rate for geoprobe includes 2-person field crew for 10 hour day.

2) Day rate for geoprobe also includes cost of soil, soil gas, and groundwater sampling equipment not listed above.

(i.e. soil sleeves and pumps. Analytical sample containers will be supplied and collected by MACTEC representative.)

3) Day rate for geoprobe also includes cost of steam cleaner and supply of decon-water, as well as concrete coring drill, if needed.

\$	56,050.00
Total	

**NYSDEC STANDBY SUBCONTRACT
BID QUOTATION SCHEDULE FOR GEOPROBE SERVICES**

FIRM NAME: **Aquifer Drilling & Testing, Inc.**

ITEM			UNIT COSTS			LEVEL D	
NO.	DESCRIPTION	UNITS	LEVEL B	LEVEL C	LEVEL D	QUANTITY	COST
MOBILIZATION and PER DIEM							
1.	Mobilization	\$/ls			250	6	\$1,500.00
2.	Modified Level C personal protection	\$/psn/d.	N/A	N/A	\$50.00		
DIRECT PUSH SYSTEMS							
3.	Direct Push System - Truck Mounted	\$/day		\$1,500.00	\$1,400.00	28	\$39,200.00
4.	Direct Push System - Special Access Mounted (ATV Skid)	\$/day		\$1,750.00	\$1,400.00		\$0.00
5.	Direct Push System - Special Access Mounted (tripod, cart for inside buildings)	\$/day		\$1,750.00	\$1,400.00		\$0.00
Additional Items							
6.	Temporary Decon Pad (Mobil)	\$/ls			\$300.00	6	\$1,800.00
7.	Piezometer installed in direct push hole - 1" diameter Sch. 40 PVC, including riser, screen, sandpack and bentonite seals/grout Depths of 0 ft to < 30 ft	\$/lf.		\$7.50	\$6.00	600	\$3,600.00
8.	Piezometer installed in direct push hole - 1" diameter Sch. 40 PVC, including riser, screen, sandpack and bentonite seals/grout Depths of < 30 ft to <60 ft	\$/lf.		\$10.00	\$8.00		\$0.00
9.	6" steel flush mounted vault w/water tight seal	\$/ea		\$220.00	\$175.00	24	\$4,200.00
10.	Cost to supply USDOT 55 gallon drum (solid and/or liquid)	\$/ls			\$50.00	12	\$600.00
11.	Goundwater sample with hydropunch (or equivalent)	\$/ea		\$25.00	\$20.00	240	\$4,800.00
12.	Soil gas sample with sealed sample point (i.e.geoprobe PRT)	\$/ea		\$65.00	\$50.00	24	\$1,200.00
13.	Concrete	\$/bag			\$10.00	12	\$120.00
14.	Asphalt patch	\$/bag			\$10.00	6	\$60.00
15.	Permitting	\$/ls			70	1	\$70.00

NOTES:

\$/lf. = dollars per linear foot

\$/hr. = dollars per hour

\$/ea. = dollars per unit

\$/ls. = dollars per lump sum unit

\$/psn/d. = dollars per person per day

N/A = not applicable

* = Mobilization will be requested on a site-specific basis.

** = Provide price if applicable

Estimated Quantity = for cost comparison purposes only, and not representative of actual expected quantities.

ASSUMPTIONS

1) Day rate for geoprobe includes 2-person field crew for 10 hour day.

2) Day rate for geoprobe also includes cost of soil, soil gas, and groundwater sampling equipment not listed above.

(i.e. soil sleeves and pumps. Analytical sample containers will be supplied and collected by MACTEC representative.)

3) Day rate for geoprobe also includes cost of steam cleaner and supply of decon-water, as well as concrete coring drill, if needed.

\$	77,150.00
Total	

**NYSDEC STANDBY SUBCONTRACT
BID QUOTATION SCHEDULE FOR GEOPROBE SERVICES**

FIRM NAME:

Geologic, NY.

ITEM NO.	DESCRIPTION	UNITS	UNIT COSTS			LEVEL D	
			LEVEL B	LEVEL C	LEVEL D	QUANTITY	COST
MOBILIZATION and PER DIEM							
1.	Mobilization	\$/ls			200	6	\$1,200.00
2.	Modified Level C personal protection	\$/psn/d.	N/A	N/A	\$30.00		
DIRECT PUSH SYSTEMS							
3.	Direct Push System - Truck Mounted	\$/day			\$1,200.00	28	\$33,600.00
4.	Direct Push System - Special Access Mounted (ATV Skid)	\$/day					\$0.00
5.	Direct Push System - Special Access Mounted (tripod, cart for inside buildings)	\$/day					\$0.00
Additional Items							
6.	Temporary Decon Pad (Mobil)	\$/ls			\$100.00	6	\$600.00
7.	Piezometer installed in direct push hole - 1" diameter Sch. 40 PVC, including riser, screen, sandpack and bentonite seals/grout Depths of 0 ft to < 30 ft	\$/lf.			\$7.00	600	\$4,200.00
8.	Piezometer installed in direct push hole - 1" diameter Sch. 40 PVC, including riser, screen, sandpack and bentonite seals/grout Depths of < 30 ft to <60 ft	\$/lf.					\$0.00
9.	6" steel flush mounted vault w/water tight seal	\$/ea			\$100.00	24	\$2,400.00
10.	Cost to supply USDOT 55 gallon drum (solid and/or liquid)	\$/ls			\$60.00	12	\$720.00
11.	Goundwater sample with hydropunch (or equivalent)	\$/ea			\$15.00	240	\$3,600.00
12.	Soil gas sample with sealed sample point (i.e.geoprobe PRT)	\$/ea			\$15.00	24	\$360.00
13.	Concrete	\$/bag			\$10.00	12	\$120.00
14.	Asphalt patch	\$/bag			\$10.00	6	\$60.00
15.	Permitting	\$/ls			50	6	\$300.00

NOTES:

\$/lf. = dollars per linear foot

\$/hr. = dollars per hour

\$/ea. = dollars per unit

\$/ls. = dollars per lump sum unit

\$/psn/d. = dollars per person per day

N/A = not applicable

* = Mobilization will be requested on a site-specific basis.

** = Provide price if applicable

Estimated Quantity = for cost comparison purposes only, and not representative of actual expected quantities.

ASSUMPTIONS

1) Day rate for geoprobe includes 2-person field crew for 10 hour day.

2) Day rate for geoprobe also includes cost of soil, soil gas, and groundwater sampling equipment not listed above.

(i.e. soil sleeves and pumps. Analytical sample containers will be supplied and collected by MACTEC representative.)

3) Day rate for geoprobe also includes cost of steam cleaner and supply of decon-water, as well as concrete coring drill, if needed.

\$	47,160.00
Total	

08/25/06

Schedule 2.11(f)
Unit Price Subcontracts

Page 3

Engineer: MACTEC Engineering and Consulting, PC Date Prepared: 12/27/05
 Contract No.: D003826
 Project Name: Region 8 Dry Cleaners-Loohns
 Work Assignment No.: D003826-20

Comparisons to
 Region 8 WA
 for Cost-Reasonable
 -ness

**Schedule 2.11(f)
 Unit Price Subcontracts
 (continued)**

NAME OF SUBCONTRACTOR	SERVICE	PRICE	MGMT.FEE *
Environmental Data Validators		\$1,425	\$57
ITEM	Number of Units	Unit Cost	Total Cost
Subsurface investigation			
Soil Samples-Direct Push & Surface			
TCL - VOCs -OLM04.2	9	\$25.00	\$ 225.00
Water Samples			
TCL - VOCs -OLM04.2	40	\$25.00	\$ 1,000.00
Drum Sampling			
TCL - VOCs - OLM04.2 - soil	1	\$25.00	\$ 25.00
TCL - VOCs - OLM04.2 - water	1	\$25.00	\$ 25.00
Soil Gas Samples (geoprobe)			
TCL-VOCs -TO-15	5	\$25.00	\$ 125.00
Sub-Slab Soil Vapor Samples			
TCL-VOCs	1	\$25.00	\$ 25.00

Subtotal Cost: \$1,425
 Management Fee: \$57
Total: \$1,482

* MBE - Work assignment aggregate subcontract is greater than \$5,000.

Engineer: MACTEC Engineering and Consulting, PC Date Prepared: 12/27/05
 Contract No.: D003826
 Project Name: Home Depot OU-2
 Work Assignment No.: D003826-24

**Schedule 2.11(f)
 Unit Price Subcontracts
 (continued)**

NAME OF SUBCONTRACTOR	SERVICE	PRICE	MGMT FEE *
Environmental Data Validators		\$1,775	\$508
ITEM	Number of Units	Unit Cost	Total Cost
Subsurface investigation			
Sub-Slab and Indoor Air TCL-VOCs	41	\$25.00	\$ 1,025.00
TO-15	30	\$25.00	\$ 750.00

Subtotal Cost: \$1,775
 Management Fee: \$508
Total: \$2,283

* Work assignment aggregate subcontract is greater than \$10,000.

Engineer: MACTEC Engineering and Consulting, PC.
 Contract No.: D003826
 Project Name: DEWEY LOEFFEL
 Work Assignment No.: 07.2

Date Prepared:

12/27/05

Schedule 2.11(f)
Unit Price Subcontracts
(continued)

NAME OF SUBCONTRACTOR	SERVICE	PRICE	MGMT FEE *
Environmental Data Validation		\$2,132	\$0
ITEM	Number of Units	Unit Cost	Total Cost
Task 4- 2005 AI Tech			
September Groundwater Sampling			
Tal Metals (ILM04.2) (with QC)	32	\$26.00	\$832
Mercury (with QC)	2	\$18.00	\$36
Arsenic (with QC)	2	\$18.00	\$36
PCBs (with QC)	6	\$23.00	\$138
Ammonia (with QC)	4	\$6.00	\$24
December Groundwater Sampling			
Tal Metals (ILM04.2) (with QC)	32	\$26.00	\$832
Mercury (with QC)	2	\$18.00	\$36
Arsenic (with QC)	2	\$18.00	\$36
PCBs (with QC)	6	\$23.00	\$138
Ammonia (with QC)	4	\$6.00	\$24

Note:

Subtotal Cost:	\$2,132
Management Fee:	\$0.00
Total:	\$2,132

Summary of Hours for DUSR and Data Management

Preferred Electric Motors - NYSDEC

Analysis	Media	Referenced Method	Proposed Alternative Method	No. of Field Samples	Unit LOE	Total LOE
Water						
VOA	W	CLP		40	0.3	12.00
SVOA	W	CLP		16	0.4	6.40
Pest/pcb	W	CLP		10	0.4	4.00
TAL Inorganics	W	CLP		10	0.4	4.00
Dissolved Gases	W	ASTM		13	0.2	2.60
Dissolved Fe and Mn	W	CLP		13	0.1	1.30
Nat attenuation	W	see note		13	0.4	5.20
Soil						
VOA	S	CLP		104	0.3	31.20
SVOA	S	CLP		15	0.4	6.00
Pest/pcb	S	CLP		15	0.4	6.00
TAL Inorganics	S	CLP		25	0.4	10.00
TOC	S	Lloyd Kahn			0.2	0.00
Air						
VOC	A	T0-14		98	0.3	29.40
Field Screening	A	GC		0	0.1	0.00
					TOTAL:	118.10

notes:

MNA parameters include TOC, NO3, NO2, SO4, SO3, CO2, Alk, Cl at 0.05 hr per method

A DUSR summary report will be prepared for each set of data

A summary table containing all results will be prepared and data will be available in the TED data base for additional use in figures, tables, and queries. This LOE does not include additional data management tasks.

Chemist Review

Senior Chemist	41.335	\$33	2.558	\$3,489.25
Chemist	76.765	\$27	2.558	\$5,292.03

DQSR Report (assumes two reports will be done)

Senior Chemist	8	total=	\$8,781.29
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Data Entry and Data Base Management

Data Manager	10
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Lab Contracting And Technical Coordination

Senior Chemist	4
Purchasing	4

	\$/sample	Total \$	In house \$
	23	\$920.00	\$892.26
	26	\$416.00	\$475.87
	23	\$230.00	\$297.42
	26	\$260.00	\$297.42
	17	\$221.00	\$193.32
	27	\$351.00	\$96.66
	67	\$871.00	\$386.64
	25	\$2,600.00	\$2,319.87
	28	\$420.00	\$446.13
	23	\$345.00	\$446.13
	26	\$650.00	\$743.55
	16	\$0.00	
	25	\$2,450.00	\$2,186.03
	16	\$0.00	\$0.00
		\$9,734.00	\$8,781.29

New York State Department of Environmental Conservation
Division of Environmental Remediation, 12th Floor
625 Broadway, Albany, New York 12233-7011
Phone: (518) 402-9706 • FAX: (518) 402-9020
Website: www.dec.state.ny.us



JAN 26 2007

Mr. William Weber
MACTEC Engineering and Consulting
511 Congress Street, PO Box 7050
Portland, Maine 04112-7050

RE: **Work Plan Amendment Approval/Notice-to-Proceed**
Work Assignment #D004434-5.1
Region 8 Dry Cleaners - Group 2: Ruddick's Dry Cleaners, Site #808037;
HTS Coin Operated Laundry and Dry Cleaners, Site #808038;
Associated Textile, Site #808041; Universal Dry Cleaners, Site #808040;
Up to Date Cleaners, Site #826019; Rolling Plains Cleaners, Site #828138

Dear Mr. Weber:

The New York State Department of Environmental Conservation's Division of Environmental Remediation (DER) approves MACTEC's work plan amendment dated December 2006 for the above-referenced project. The work plan increases the original work assignment budget of \$380,158 by **\$46,518** for a total plan budget of \$426,676. The subject work plan amendment is for continued Site Characterization at the above-mentioned sites, and it also allows for the replacement of Ace Cleaners (#828133) with Rolling Plains Cleaners (#828138).

DER authorizes your firm to proceed with the scope of work in this work plan amendment. All work should be completed in accordance with the schedule in the amended work plan.

If you have any questions regarding this work plan amendment, please contact the Project Manager, Mr. Matthew Dunham, at (518) 402-9812.

Sincerely,

Dale A. Desnoyers

Director

Division of Environmental Remediation

Enclosure

ec:

M. Dunham, PM

L. Lewis, CM ✓

B. Putzig, Region 8

D. Desnoyers

D. Weigel

M. Cruden

E. Belmore

J. White

S. Gupta

B. Moulhem

T. Wolosen

From: Swapan Gupta
To: Lisa Lewis
Date: 11/30/2006 11:26:47 AM
Subject: Fwd: Re: Conceptual Approval Memo - Amendment to Standby Work Assignment D003826-29 Multi-Site

Hi Lisa:

Please check with Matt on this proposed change. Until we have the IGP out we are going to allow PMs to change sites if Sal approves. I will forward the CA memo in a separate e-mail.

-Swapan

>>> Michael Cruden 11/30/06 7:51 AM >>>
fyi

>>> Sal Ervolina 11/29/06 5:45 PM >>>
I approve the conceptual approval memo to amend the multi-site site characterization WA.

>>> Cecelia Artino 11/28/06 11:00 AM >>>
This email copies you on correspondence from Remedial Bureau D. Electornic attachments are included; hard copies will not be forwarded. Please contact me if you experience problems with this transmission.

Cecelia V. Artino
NYS Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7013
518-402-9818
cvaartino@gw.dec.state.ny.us

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau D, 12th Floor
625 Broadway, Albany, New York 12233-7013
Phone: (518) 402-9818 • FAX: (518) 402-9819
Website: www.dec.state.ny.us

M E M O R A N D U M

TO: Salvatore Ervolina, Assistant Director, Division of Environmental Remediation

FROM: Edward R. Belmore, Director, Remedial Bureau D *E. R. Belmore*

SUBJECT: Conceptual Approval Memo
Amendment to Standby Work Assignment D003826-29
Multi-Site, Site Characterization Work Assignment - Operable Unit #1
Rolling Plains, Site No. 828138, Town of Mendon, Monroe County

DATE: NOV 28 2006

Site Name, Number and Location:

Rolling Plains, Site No. 828138, Town of Mendon, Monroe County is being added to the WA.
Ace Cleaners, Site No. 828133, Village of Brockport, Monroe County is being terminated from
the WA. The current Work Assignment has six sites.

Program Element:

Site Characterization - Amendment for an additional site to a Multi-Site, Site Characterization
Work Assignment and termination of cost not expended on Ace Cleaners.

Project Duration:

45 weeks

Consultant:

Mactec Engineering and Consulting

Estimated WA Budget (WPDC & Total):

Original Work Assignment:	\$433,950.00
Ace Cleaners - Terminated:	<\$67,325.00>
Original Work Assignment Cost (Minus Ace Cleaners):	\$366,626.00
Cost for Rolling Plains Site:	\$102,185.00
Amended Total Work Assignment Cost:	\$468,810.00
Additional Funds for Amendment (Amendment-Original):	\$34,860.00

Funding Source:

State Superfund

Project Description:

This amendment, to a Multi-Site, Site Characterization Work Assignment, is for an additional site that will replace the Ace Cleaners Site (#828133). This new site is located in a partially completed residential housing development where 103 buried drums were unearthed. Many of the drums contained hazardous waste (paint waste, ink waste, and spent chlorinated and non-chlorinated solvents). Releases from the drums have impacted both soils and groundwater. An on-site monitoring well exhibited a total VOC concentration of approximately 200 ppb that included TCA and TCE. An adjacent residential supply well has been impacted at levels below drinking water standards. Indoor air of adjacent residences has not yet been evaluated.

Attachment

ec w/o Attachment:

- B. Putzig, NYSDEC, Region 8
- E. Belmore
- J. White
- D. Weigel
- M. Cruden
- T. Wolosen
- M. Dunham

STATE SUPERFUND STANDBY CONTRACT WORK ASSIGNMENT SITE CHARACTERIZATION

Rolling Plains, Site No. 828138, Town of Mendon, Monroe County

PROJECT MANAGER: Matthew Dunham

I. Site Location and Description:

This additional site is a partially completed residential housing development where 103 buried drums were unearthed. Many of the drums contained hazardous waste (paint waste, ink waste, and spent chlorinated and non-chlorinated solvents). Releases from the drums have impacted both soils and groundwater. An on-site monitoring well exhibited a total VOC concentration of approximately 200 ppb that included TCA and TCE. An adjacent residential supply well has been impacted at levels below drinking water standards. Indoor air of adjacent residences has not yet been evaluated.

II. Scope of Work:

Task 1 - Work Plan Development

Upon receipt of the Work Assignment (WA), the Consultant's Project Manager will contact the New York State Department of Environmental Conservation's (Department) Project Manager to discuss and verify the work to be completed prior to a site visit/scoping session. An electronic version of this WA will be provided to the Consultant by the Department to expedite production of the Project Management Work Plan.

Subtask 1.1 Site Visit/Scoping Session

A site visit/scoping session will be conducted with the Consultant's Project Manager and the Department's Project Manager. The tentative scope of the field investigations, including the number of samples and analyses for each media, the expectations for the final report and the project schedule will be agreed upon during this meeting. Any significant issues regarding the overall project will be resolved at this time. Arrangements with the site owner will be made by the Department's Project Manager.

Subtask 1.2 Project Management Work Plan (PMWP)

The Consultant will submit a draft PMWP that will include:

- 1) Detailed level of effort and budget for Subtask 1.3 (Preparation of the Work Plan).

- 2) Preliminary estimate of the level of effort and budget.
- 3) Preliminary estimate of the WA progress schedule, including milestones and deliverables.
- 4) Project Staffing Plan identifying key management and technical staff assigned to conduct the work elements, including resumes, NSPE grade levels and a listing of their areas of specialization and project responsibilities.
- 5) Identification of work items to be subcontracted, including a Minority and Women Owned Business Enterprise (M/WBE) and Equal Opportunity (EEO) Utilization Plan.

The Consultant is expected to prepare an initial draft with one (1) revision.

Once completed, the PMWP will include the project scope of work, the final budget, the project schedule, the staffing plan, and the Minority and Women Owned Business Enterprise (M/WBE) and Equal Opportunity (EEO) Utilization Plan. The final budget will include all subcontract fees.

Subtask 1.3 Work Plan (WP)

Within four (4) weeks of the site visit/scoping session the Consultant will submit a draft WP. It will include:

- 1) A draft of the Field Activities Plan (FAP) which summarizes the number and locations of the environmental samples to be obtained with proposed analyses. The FAP should rely on tables and figures for detailing the plan.
- 2) Site-Specific Health and Safety Plan (HASP) and Community HASP. A Community Air Monitoring Plan may be required if any intrusive field activities are conducted (e.g., test pitting).
- 3) Site-Specific Quality Assurance Project Plan (QAPP).
- 4) Final Budget (2.11 forms) and supporting documentation of bids.

The Consultant is expected to prepare an initial draft with one (1) revision.

Once the PMWP and WP are approved, a Notice to Proceed (NTP) will be issued for the remainder of the WA. The total time for the NTP to be issued should not exceed 75 days after the issuance of the WA unless unanticipated circumstances are encountered.

Subtask 1.4 - Records/Background Search

Prior to the start of field work a detailed records/background search shall be performed to supplement data provided by the Department's Project Manager.

The results from this records search will be used to develop an initial conceptual site model that will be the basis for the subsequent field work. The final Site Characterization Report will contain copies of records reviewed, synopses of interviews conducted, copies of database searches and any and all relevant information collected.

Task 2 - Field Investigations

Field investigations will be conducted to determine the extent of contamination and if the contamination poses a threat to human health and the environment. Field investigation activities will include the completion of up to twenty five (25) geoprobe borings, collection and analyses of soil samples, groundwater samples, soil gas samples, surface water samples, sediment samples, and the installation of new groundwater monitoring wells. The objective is to compare groundwater analytical results to New York State Class GA Groundwater Quality Standards and to compare soil analytical results to the Department's Technical and Administrative Guidance Memorandum (TAGM) 4046.

Subtask 2.1 Geoprobe® Borings and Sampling

Field investigation activities include the completion of Geoprobe® borings, the collection and analysis of soil samples, and the collection and analysis of soil gas samples. Soil sample analyses will be used to assess whether hazardous waste constituents are present in site soils and, if present, evaluate the extent of the soil contamination in the vicinity of the drum burial pit. Soil gas sample results will be used to evaluate whether VOCs present in soil gas and are migrating towards occupied buildings via vapor intrusion.

Subtask 2.2 Monitoring Well Installation

Further characterization of groundwater flow conditions and distribution of contamination at the Site is necessary to define aquifer characteristics and potential receptors. Additional groundwater analytical data and permanent data monitoring points are necessary to better define the extent of chlorinated solvent contamination in the vicinity of the Site, and to allow monitoring of that contamination. Four new monitoring wells are planned. To quantitatively characterize groundwater quality, wells will be installed in: one upgradient location; a well pair adjacent to the drum disposal area location; and one downgradient location. During the installation of the new wells soil samples will be collected for soil characterization.

Subtask 2.3 Groundwater Sampling

No sooner than two weeks following the development of the newly installed monitoring wells, a round of groundwater samples will be collected for laboratory analysis. A total of eight monitoring wells will be sampled, the four existing wells and the four newly developed wells, using low-flow sampling procedures. Samples will be collected from the least contaminated to the most contaminated locations as determined from the hydrogeology and known Site conditions. Field measurements for pH, temperature, specific conductivity, ORP, dissolved oxygen, and turbidity will be collected from each well during presample purging.

Subtask 2.4 Surface Water and Sediment Sampling

Shallow groundwater flow at the Site is anticipated to flow to the low-lying wetland area located to the north of the site property. Two surface water and sediment samples are proposed from this wetland.

Subtask 2.5 Private Well Sampling

Samples will be obtained from up to five existing homeowner wells in the vicinity of the Site. The residential wells will include 6872 and 6874 Rush Lima Road. The remaining three wells will be determined based on discussions with the NYSDOH and NYSDEC.

Subtask 2.6 Site Survey and Basemap Preparation

Upon completion of field work, all soil gas monitoring locations, soil sample locations, microwell locations and any other sampling points must be established by a New York State licensed surveyor. Tax maps will be reviewed and the property lines of the parcels will be plotted on the base map. All elevations will be referenced to the North American Vertical Datum (NAVD) 88 and all horizontal locations will be referenced to the North American Datum (NAD) 83.

Subtask 2.7 Storage and Disposal of Waste

The consultant is responsible for the proper storage, handling, and disposal of investigative derived waste (IDW) including personal protective equipment, and solids and liquids generated during the well drilling, well development, and well sampling activities. Liquids generated during well drilling, well development, and well sampling will be placed in drums and properly disposed unless there is no visual or olfactory evidence of contamination and it is known that high concentrations of contaminants do not exist. Excess drill cuttings generated from the installation of monitoring wells will also be drummed and the consultant will arrange for proper disposal. All drummed materials will be clearly labeled as to their contents and origin. All IDW will be managed in accordance with DEC-DER TAGM 4032.

Task 3 - Reporting

Subtask 3.1 Data Validation/Determination of Usability

The collection and reporting of reliable data is a primary focus of the sampling and analytical activities. Field data will be reviewed to determine the limitations, if any, of the data and to assure that the procedures are effective and that the data generated provides sufficient information to achieve the project objectives. The Consultant will evaluate the analytical data according to Division of Environmental Remediation's Data Usability Summary Report (DUSR) guidelines and a Data Validation/Usability Report will be included in the final Site Characterization Report.

Subtask 3.2 Site Characterization Report

Subtask 3.2 Site Characterization Report

The Consultant will prepare a detailed Site Characterization Report. The Consultant is expected to prepare an initial draft with one (1) complete revision. The report shall also include data gaps, if any. The report will include at a minimum:

1. The work plan and any deviations from the work plan.
2. The collected data.
3. Interpretation of the data.
4. Records reviewed, synopses of interviews conducted, copies of database searches, all field notes and any and all relevant information collected.

One copy of the Draft SC Data Summary Report will be sent to the Department's Project Manager, Central Office, Albany for review and comment. One hard copy of the Final SC Data Summary Report and five electronic (PDF) versions (4 CD's and 1 email copy), including any CAD drawings completed by the survey sub-contractor, will be submitted to the Department. The Final report will incorporate the Department's review comments. The Department will be responsible for forwarding copies of the report to other state and county agencies.

III. Estimate of Work Assignment Budget:

TASK	DESCRIPTION	LOE (hours)	LABOR COST	OTHER COST (subcontracts/material s)	TOTAL
1	Work Plan	50	\$3,916	\$1,348	\$5,264
2	Field Investigation	320	\$19,555	\$63,264	\$82,819
3	Report	250	\$12,987	\$1,115	\$14,102
	TOTAL	620	\$36,458	\$65,727	\$102,185

IV. Period of Performance

The Site Characterization shall be completed within 45 weeks of the receipt of the work assignment.

V. Work Plan Development Cost Authorization

The Consultant is authorized to spend up to \$5,264.00 to perform Task 1.

VI. Project Schedule with Milestones

Description of Activity		Weeks (from Issuance of Work Assignment)
Completion of Work Plan	*	10
Initiation of Field Work		12
Completion of Field Work		32
Completion of Report	*	45

* Project Milestone requiring performance evaluation

VII. Project Budget

Original Work Assignment:	\$433,950.00
Ace Cleaners - Terminated:	<\$ 67,325.00>
Original Work Assignment Cost (Minus Ace Cleaners):	\$366,626.00
Cost for Rolling Plains Site:	\$102,185.00
Amended Total Work Assignment Cost:	\$468,810.00
Additional Funds for Amendment (Amendment-Original):	\$ 34,860.00

VIII. M/WBE Utilization Plan

MBE goals = 15 percent
WBE goals = 5 percent
EEO goals = 10 percent female, 10 percent minority

From: Lisa Lewis
To: Staples, Charles
Date: 12/15/2006 4:35:29 PM
Subject: Comments on Region 8 Cleaners Group 2 budget pages

Hi Chuck-

I put this on the top of my pile for today and got through it...

After reviewing the budget pages for the Region 8 Cleaners Group 2 work plan, here are my comments:

1. As previously mentioned, the work plan should be numbered D004434-5.1. Please make sure this number is on the cover and roll-up pages, if not the individual site pages.

2. Some corrections need to be done on the 2.11(a) roll-up page. (The small changes are needed just to prevent the WP from being stopped on routing because of addition problems.)

— Please change line 1 to \$72,264.

— Line 3 should be \$39,037.

— The C+FF Lu Engineers total for Rolling Plains needs to be added before line 4. The total for Lu should be \$38,287. If Rolling Plains' cost doesn't fit into the space above line 4, just put the total figure in there for all six sites. This way there's no chance of any number being left out and causing trouble.

— In the Unit Price Subs, the figure for Nothnagle Drilling needs to be changed to \$16,220. The total cost for line 5 should be \$141,417. Again, if this format takes up too much room, you could always do one line for Chemtech costs, one line for Geologic costs, etc.

— Line 7 should be \$185,349.

— Line 9 should be \$426,676.

3. In the roll-up (g) schedules, please adjust the "all sites" page to match the numbers on schedule (a). Also, get rid of any duplicated numbers in column H. Finally, the Rolling Plains' numbers are all wrong in the roll-up section. Please match them to the "all tasks" figures on the (g) of the separate Rolling Plains' site pages.

4. For Nothnagle Drilling, I'll need three quotes for comparison. Also, on the Rolling Plains' schedule (f) for Nothnagle, the price needs to be \$16,220 at the top of the page.

5. On the supplemental (g) for Rolling Plains, the figure for Nothnagle needs to be changed to \$16,220, and the totals for columns D and E need to be adjusted. (D = \$50,137.82 and E = \$1,831.54)

6. Please weed out any duplicate/extraneous/blank pages from the budget pages.

I believe I hit all the problems. A PDF version of the final plan is fine with me, but Matt may want something different. Let me know if there are any questions about what I've sent.

Thanks,
Lisa

Lisa M. Lewis

Contract Manager
NYS Dept. of Environmental Conservation
Division of Environmental Remediation
Bureau of Program Management
Contracts & Payments Section
625 Broadway, 12th Floor
Albany, NY 12233-7012

Phone: (518) 402-9601
Fax: (518) 402-9722
Email: lmlewis@gw.dec.state.ny.us

CC: Dunham, Matthew; Peterson, John; wjweber@mactec.com

Engineer: Mactec Engineering and Consulting
 Contract Number: D004434 or 4444
 Project Name: Reg. 8 Dry Cleaners 2-Roll-Up
 Work Assignment Number:

Date Prepared: 11/14/06

Proj: Acct
 100084 05

Schedule 2.11(a)
 Summary of Work Assignment Price

1	DIRECT SALARY COSTS (Schedules 2.10(a) and 2.11 (b))		\$	72,263
2	INDIRECT COSTS (Schedule 2.10(g))		\$	120,393
3	DIRECT NON-SALARY COSTS (Schedules 2.10(d)(e)(f) and 2.11 (c) and (d))		\$	28,113
SUBCONTRACT COSTS				
COST-PLUS-FIXED-FEE SUBCONTRACTS				
(Schedule 2.11(e))				
	Name of Subcontractor	Services to be Performed		Subcontract Price
	Joseph Lu Engineers	Site Survey	\$	7,393
	Joseph Lu Engineers	Site Survey	\$	7,393
	Joseph Lu Engineers	Site Survey	\$	7,393
	Joseph Lu Engineers	Site Survey	\$	7,393
	Joseph Lu Engineers	Site Survey	\$	4,366
4	TOTAL COST-PLUS-FIXED-FEE SUBCONTRACTS		\$	38,286
UNIT PRICE SUBCONTRACTS				
(Schedule 2.11(f))				
	Name of Subcontractor	Services to be Performed		Subcontract Price
	Geologic, NY	Drilling	\$	8,760
	Chemtech Consulting Group.	Laboratory	\$	10,180
	Environmental Data Validators, I	Data Validation	\$	2,455
	Geologic, NY	Drilling	\$	8,760
	Chemtech Consulting Group.	Laboratory	\$	8,830
	Environmental Data Validators, I	Data Validation	\$	2,080
	Geologic, NY	Drilling	\$	5,980
	Chemtech Consulting Group	Laboratory	\$	18,330
	Environmental Data Validators	Data Validation	\$	5,258
	EDR		\$	295
	Nothnagle Drilling		\$	16,869
	Geologic, NY	Drilling	\$	8,760
	Chemtech Consulting Group.	Laboratory	\$	8,110
	Environmental Data Validators, I	Data Validation	\$	1,880
	Geologic, NY	Drilling	\$	8,760
	Chemtech Consulting Group.	Laboratory	\$	8,920
	Environmental Data Validators, I	Data Validation	\$	2,105
	Geologic, NY	Drilling	\$	7,560
	Chemtech Consulting Group.	Laboratory	\$	6,650
	Environmental Data Validators, I	Data Validation	\$	1,524
5	TOTAL UNIT PRICE SUBCONTRACTS		\$	142,066
6	SUBCONTRACT MANAGEMENT FEE		\$	5,645
7	TOTAL SUBCONTRACT COSTS (Lines 4 + 5 + 6)		\$	185,997
8	FIXED FEE (Schedule 2.10(h))		\$	9,633
9	TOTAL WORK ASSIGNMENT PRICE (Lines 1 + 2 + 3 + 7 + 8)		\$	446,401

39037

AT
 UC
 RC
 HC
 UTDC
 RP
 38287

AT
 HC
 RP

RC
 UC
 UTDC

141417

5,645

349

426676

Engineer: MACTEC Engineering and Consulting
 Contract Number:
 Project Name: Reg. 8 Dry Cleaners 2-Associated Textiles
 Work Assignment Number:

Date Prepared: 11/14/06

5,211

**Schedule 2.11(a)
 Summary of Work Assignment Price**

1	DIRECT SALARY COSTS (Schedules 2.10(a) and 2.11 (b))	\$	11,957	
2	INDIRECT COSTS (Schedule 2.10(g))	\$	19,921	✓
3	DIRECT NON-SALARY COSTS (Schedules 2.10(d)(e)(f) and 2.11 (c) and (d))	\$	5,896	✓
SUBCONTRACT COSTS COST-PLUS-FIXED-FEE SUBCONTRACTS (Schedule 2.11(e))				
	Name of Subcontractor	Services to be Performed	Subcontract Price	
	Joseph Lu Engineers	Site Survey	\$	7,393
			\$	-
			\$	-
4	TOTAL COST-PLUS-FIXED-FEE SUBCONTRACTS	\$	7,393	✓
UNIT PRICE SUBCONTRACTS (Schedule 2.11(f))				
	Name of Subcontractor	Services to be Performed	Subcontract Price	
	Geologic, NY	Drilling	\$	8,760
	Chemtech Consulting Group.	Laboratory	\$	10,180
	Environmental Data Validators, In	Data Validation	\$	2,455
			\$	-
5	TOTAL UNIT PRICE SUBCONTRACTS	\$	21,395	✓
6	SUBCONTRACT MANAGEMENT FEE	\$	856	✓
7	TOTAL SUBCONTRACT COSTS (Lines 4 + 5 + 6)	\$	29,643	✓
8	FIXED FEE (Schedule 2.10(h))	\$	1,594	✓
9	TOTAL WORK ASSIGNMENT PRICE (Lines 1 + 2 + 3 + 7 + 8)	\$	69,012	✓

Engineer: MACTEC Engineering and Consulting
 Contract Number:
 Project Name: Reg. 8 Dry Cleaners 2-Universal Cleaners
 Work Assignment Number:

Date Prepared: 11/14/06

5,321

**Schedule 2.11(a)
 Summary of Work Assignment Price**

1	DIRECT SALARY COSTS (Schedules 2.10(a) and 2.11 (b))	\$	12,019	
2	INDIRECT COSTS (Schedule 2.10(g))	\$	20,024	✓
3	DIRECT NON-SALARY COSTS (Schedules 2.10(d)(e)(f) and 2.11 (c) and (d))	\$	5,731	✓
SUBCONTRACT COSTS COST-PLUS-FIXED-FEE SUBCONTRACTS (Schedule 2.11(e))				
	Name of Subcontractor	Services to be Performed	Subcontract Price	
	Joseph Lu Engineers	Site Survey	\$ 7,393	
			\$ -	
			\$ -	
4	TOTAL COST-PLUS-FIXED-FEE SUBCONTRACTS	\$	7,393	✓
UNIT PRICE SUBCONTRACTS (Schedule 2.11(f))				
	Name of Subcontractor	Services to be Performed	Subcontract Price	
	Geologic, NY	Drilling	\$ 8,760	
	Chemtech Consulting Group.	Laboratory	\$ 8,920	
	Environmental Data Validators, In	Data Validation	\$ 2,105	
			\$ -	
5	TOTAL UNIT PRICE SUBCONTRACTS	\$	19,785	✓
6	SUBCONTRACT MANAGEMENT FEE	\$	791	✓
7	TOTAL SUBCONTRACT COSTS (Lines 4 + 5 + 6)	\$	27,969	✓
8	FIXED FEE (Schedule 2.10(h))	\$	1,602	✓
9	TOTAL WORK ASSIGNMENT PRICE (Lines 1 + 2 + 3 + 7 + 8)	\$	67,344	✓

NEW

Engineer: Mactec Engineering and Consulting
 Contract Number: D004434 or 4444
 Project Name: Reg. 8 Dry Cleaners 2-Rolling Plains
 Work Assignment Number:

Date Prepared: 11/14/06

5,431

**Schedule 2.11(a)
 Summary of Work Assignment Price**

1	DIRECT SALARY COSTS (Schedules 2.10(a) and 2.11 (b))	\$	13,675																		
2	INDIRECT COSTS (Schedule 2.10(g))	\$	22,783																		
3	DIRECT NON-SALARY COSTS (Schedules 2.10(d)(e)(f) and 2.11 (c) and (d))	\$	11,639																		
<p align="center">SUBCONTRACT COSTS COST-PLUS-FIXED-FEE SUBCONTRACTS (Schedule 2.11(e))</p> <table border="1"> <thead> <tr> <th>Name of Subcontractor</th> <th>Services to be Performed</th> <th>Subcontract Price</th> </tr> </thead> <tbody> <tr> <td>Joseph Lu Engineers</td> <td>Site Survey</td> <td>\$ 4,349</td> </tr> <tr> <td></td> <td></td> <td>\$ -</td> </tr> <tr> <td></td> <td></td> <td>\$ -</td> </tr> </tbody> </table>				Name of Subcontractor	Services to be Performed	Subcontract Price	Joseph Lu Engineers	Site Survey	\$ 4,349			\$ -			\$ -						
Name of Subcontractor	Services to be Performed	Subcontract Price																			
Joseph Lu Engineers	Site Survey	\$ 4,349																			
		\$ -																			
		\$ -																			
4	TOTAL COST-PLUS-FIXED-FEE SUBCONTRACTS	\$	4,349																		
<p align="center">UNIT PRICE SUBCONTRACTS (Schedule 2.11(f))</p> <table border="1"> <thead> <tr> <th>Name of Subcontractor</th> <th>Services to be Performed</th> <th>Subcontract Price</th> </tr> </thead> <tbody> <tr> <td>Geologic, NY</td> <td>Drilling</td> <td>\$ 5,980</td> </tr> <tr> <td>Chemtech Consulting Group</td> <td>Laboratory</td> <td>\$ 18,330</td> </tr> <tr> <td>Environmental Data Validators</td> <td>Data Validation</td> <td>\$ 5,258</td> </tr> <tr> <td>EDR</td> <td></td> <td>\$ 295</td> </tr> <tr> <td>Nothnagle Drilling</td> <td></td> <td>\$ 16,220</td> </tr> </tbody> </table>				Name of Subcontractor	Services to be Performed	Subcontract Price	Geologic, NY	Drilling	\$ 5,980	Chemtech Consulting Group	Laboratory	\$ 18,330	Environmental Data Validators	Data Validation	\$ 5,258	EDR		\$ 295	Nothnagle Drilling		\$ 16,220
Name of Subcontractor	Services to be Performed	Subcontract Price																			
Geologic, NY	Drilling	\$ 5,980																			
Chemtech Consulting Group	Laboratory	\$ 18,330																			
Environmental Data Validators	Data Validation	\$ 5,258																			
EDR		\$ 295																			
Nothnagle Drilling		\$ 16,220																			
5	TOTAL UNIT PRICE SUBCONTRACTS	\$	46,083																		
6	SUBCONTRACT MANAGEMENT FEE	\$	1,832																		
7	TOTAL SUBCONTRACT COSTS (Lines 4 + 5 + 6)	\$	52,264																		
8	FIXED FEE (Schedule 2.10(h))	\$	1,823																		
9	TOTAL WORK ASSIGNMENT PRICE (Lines 1 + 2 + 3 + 7 + 8)	\$	102,185																		

Engineer: MACTEC Engineering and Consulting
 Contract Number:
 Project Name: Reg. 8 Dry Cleaners 2-Up To Date Cleaners
 Work Assignment Number:

Date Prepared: 11/14/06

5,541

**Schedule 2.11(a)
 Summary of Work Assignment Price**

1	DIRECT SALARY COSTS (Schedules 2.10(a) and 2.11 (b))	\$	11,055	
2	INDIRECT COSTS (Schedule 2.10(g))	\$	18,418	-
3	DIRECT NON-SALARY COSTS (Schedules 2.10(d)(e)(f) and 2.11 (c) and (d))	\$	5,482	-
<u>SUBCONTRACT COSTS</u> <u>COST-PLUS-FIXED-FEE SUBCONTRACTS</u> (Schedule 2.11(e))				
	Name of Subcontractor	Services to be Performed	Subcontract Price	
	Joseph Lu Engineers	Site Survey	\$ 4,366	
			\$ -	
			\$ -	
4	TOTAL COST-PLUS-FIXED-FEE SUBCONTRACTS	\$	4,366	-
<u>UNIT PRICE SUBCONTRACTS</u> (Schedule 2.11(f))				
	Name of Subcontractor	Services to be Performed	Subcontract Price	
	Geologic, NY	Drilling	\$ 7,560	
	Chemtech Consulting Group.	Laboratory	\$ 6,650	
	Environmental Data Validators, In	Data Validation	\$ 1,524	
			\$ -	
5	TOTAL UNIT PRICE SUBCONTRACTS	\$	15,734	-
6	SUBCONTRACT MANAGEMENT FEE	\$	629	-
7	TOTAL SUBCONTRACT COSTS (Lines 4 + 5 + 6)	\$	20,729	-
8	FIXED FEE (Schedule 2.10(h))	\$	1,474	-
9	TOTAL WORK ASSIGNMENT PRICE (Lines 1 + 2 + 3 + 7 + 8)	\$	57,158	✓

Engineer: MACTEC Engineering and Consulting
 Contract Number:
 Project Name: Reg. 8 Dry Cleaners 2-Ruddicks Cleaners
 Work Assignment Number:

Date Prepared: 11/14/06

5,6,5,1

**Schedule 2.11(a)
 Summary of Work Assignment Price**

1	DIRECT SALARY COSTS (Schedules 2.10(a) and 2.11 (b))	\$	11,668															
2	INDIRECT COSTS (Schedule 2.10(g))	\$	19,439															
3	DIRECT NON-SALARY COSTS (Schedules 2.10(d)(e)(f) and 2.11 (c) and (d))	\$	4,786															
<p align="center">SUBCONTRACT COSTS COST-PLUS-FIXED-FEE SUBCONTRACTS (Schedule 2.11(e))</p> <table border="1"> <thead> <tr> <th>Name of Subcontractor</th> <th>Services to be Performed</th> <th>Subcontract Price</th> </tr> </thead> <tbody> <tr> <td>Joseph Lu Engineers</td> <td>Site Survey</td> <td>\$ 7,393</td> </tr> <tr> <td></td> <td></td> <td>\$ -</td> </tr> <tr> <td></td> <td></td> <td>\$ -</td> </tr> </tbody> </table>				Name of Subcontractor	Services to be Performed	Subcontract Price	Joseph Lu Engineers	Site Survey	\$ 7,393			\$ -			\$ -			
Name of Subcontractor	Services to be Performed	Subcontract Price																
Joseph Lu Engineers	Site Survey	\$ 7,393																
		\$ -																
		\$ -																
4	TOTAL COST-PLUS-FIXED-FEE SUBCONTRACTS	\$	7,393															
<p align="center">UNIT PRICE SUBCONTRACTS (Schedule 2.11(f))</p> <table border="1"> <thead> <tr> <th>Name of Subcontractor</th> <th>Services to be Performed</th> <th>Subcontract Price</th> </tr> </thead> <tbody> <tr> <td>Geologic, NY</td> <td>Drilling</td> <td>\$ 8,760</td> </tr> <tr> <td>Chemtech Consulting Group.</td> <td>Laboratory</td> <td>\$ 8,110</td> </tr> <tr> <td>Environmental Data Validators, Inc.</td> <td>Data Validation</td> <td>\$ 1,880</td> </tr> <tr> <td></td> <td></td> <td>\$ -</td> </tr> </tbody> </table>				Name of Subcontractor	Services to be Performed	Subcontract Price	Geologic, NY	Drilling	\$ 8,760	Chemtech Consulting Group.	Laboratory	\$ 8,110	Environmental Data Validators, Inc.	Data Validation	\$ 1,880			\$ -
Name of Subcontractor	Services to be Performed	Subcontract Price																
Geologic, NY	Drilling	\$ 8,760																
Chemtech Consulting Group.	Laboratory	\$ 8,110																
Environmental Data Validators, Inc.	Data Validation	\$ 1,880																
		\$ -																
5	TOTAL UNIT PRICE SUBCONTRACTS	\$	18,750															
6	SUBCONTRACT MANAGEMENT FEE	\$	750															
7	TOTAL SUBCONTRACT COSTS (Lines 4 + 5 + 6)	\$	26,893															
8	FIXED FEE (Schedule 2.10(h))	\$	1,555															
9	TOTAL WORK ASSIGNMENT PRICE (Lines 1 + 2 + 3 + 7 + 8)	\$	64,342															

Engineer: MACTEC Engineering and Consulting
 Contract Number:
 Project Name: Reg. 8 Dry Cleaners 2-Hts Cleaners
 Work Assignment Number:

Date Prepared: 11/14/06

5,761

**Schedule 2.11(a)
 Summary of Work Assignment Price**

1	DIRECT SALARY COSTS (Schedules 2.10(a) and 2.11 (b))	\$	11,890	
2	INDIRECT COSTS (Schedule 2.10(g))	\$	19,808	✓
3	DIRECT NON-SALARY COSTS (Schedules 2.10(d)(e)(f) and 2.11 (c) and (d))	\$	5,503	✓
SUBCONTRACT COSTS COST-PLUS-FIXED-FEE SUBCONTRACTS (Schedule 2.11(e))				
Name of Subcontractor		Services to be Performed		Subcontract Price
Joseph Lu Engineers		Site Survey		\$ 7,393
				\$ -
				\$ -
4	TOTAL COST-PLUS-FIXED-FEE SUBCONTRACTS	\$	7,393	✓
UNIT PRICE SUBCONTRACTS (Schedule 2.11(f))				
Name of Subcontractor		Services to be Performed		Subcontract Price
Geologic, NY		Drilling		\$ 8,760
Chemtech Consulting Group.		Laboratory		\$ 8,830
Environmental Data Validators, Inc.		Data Validation		\$ 2,080
				\$ -
5	TOTAL UNIT PRICE SUBCONTRACTS	\$	19,670	✓
6	SUBCONTRACT MANAGEMENT FEE	\$	787	✓
7	TOTAL SUBCONTRACT COSTS (Lines 4 + 5 + 6)	\$	27,849	✓
8	FIXED FEE (Schedule 2.10(h))	\$	1,585	✓
9	TOTAL WORK ASSIGNMENT PRICE (Lines 1 + 2 + 3 + 7 + 8)	\$	66,635	✓

☒ APPROVED
LML 1/4/07
MD 01/04/07

**FINAL
SITE CHARACTERIZATION
PROJECT MANAGEMENT WORK PLAN AMENDMENT
REGION 8 DRY CLEANERS – GROUP 2
SITE NO. 808038, 808037, 826019, 828138, 808040, & 808041**

WORK ASSIGNMENT NO. D004434-5.1

Prepared for:

**New York State Department of Environmental Conservation
Albany, New York**

Prepared by:

**MACTEC Engineering and Consulting, P.C.
Portland, Maine**

Project Number: 3612052059

DECEMBER 2006

This document was prepared for the sole use of New York State Department of Environmental Conservation, the only intended beneficiary of our work. No other party shall rely on the information contained herein without prior written consent of MACTEC Engineering and Consulting, P.C.

01399A E

FINAL
SITE CHARACTERIZATION
PROJECT MANAGEMENT WORK PLAN AMENDMENT
REGION 8 DRY CLEANERS - GROUP 2
SITE NO. 808038, 808037, 826019, 828138, 808040, & 808041

WORK ASSIGNMENT NO. D004434-5.1

Prepared for:

New York State Department of Environmental Conservation
Albany, New York

Prepared by:

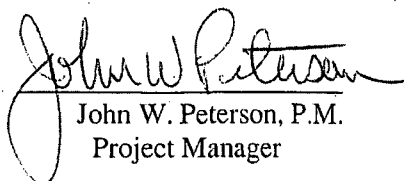
MACTEC Engineering and Consulting, P.C.
Portland, Maine

Project Number: 3612052059

DECEMBER 2006

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Submitted by:


John W. Peterson, P.M.
Project Manager

Approved by:

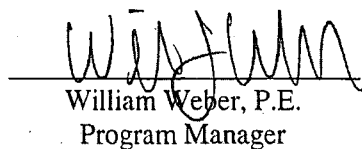

William Weber, P.E.
Program Manager

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APPENDIX B:	ROLLING PLAINS DRILLING BACKUP

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APPENDICES

APPENDIX A:	COST TABLES
APPENDIX B:	ROLLING PLAINS DRILLING BACKUP

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- 1.1 Site Location – HTS Dry Cleaners Site
- 1.2 Site Location – Ruddick's Dry Cleaners Site
- 1.3 Site Location – Up To Date Cleaners Site
- 1.4 Site Location – Rolling Plains Cleaners Site
- 1.5 Site Location – Universal Dry Cleaners Site
- 1.6 Site Location – Associated Textile Dry Cleaners

- 3.1 Project Schedule

GLOSSARY OF ACRONYMS AND ABBREVIATIONS

EDV	Environmental Data Validation, Inc.
HASP	Health and Safety Plan
IDW	Investigation Derived Waste
MACTEC	MACTEC Engineering and Consulting, P.C.
M/WBE	Minority and Women Owned Business Enterprise
NYCRR	New York Codes, Rules, and Regulations
NYS	New York State
NYSDEC	New York State Department of Environmental Conservation
PMWP	Project Management Work Plan
SC	Site Characterization
WA	Work Assignment

1.0 INTRODUCTION

MACTEC Engineering and Consulting, P.C. (MACTEC), under contract to the New York State Department of Environmental Conservation (NYSDEC), is submitting this Project Management Work Plan (PMWP) Amendment for the Region 8 Dry Cleaning Sites – Group 2. This PMWP amendment addresses the Site Characterizations (SC) for: 1) HTS Cleaners (Site # 808038) in Elmira, Chemung County, 2) Ruddick's Dry Cleaners (Site # 808037) in Elmira, Chemung County, 3) Up To Date Cleaners (Site # 826019) in Dansville, Livingston County, 4) Rolling Plains Cleaners (Site # 828138) in the Town of Mendon, Monroe County, New York, 5) Universal Dry Cleaners (Site # 808040) in Elmira, Chemung County, and 6) Associated Textile (Site # 808041) in Elmira, Chemung County. (See Figures 1.1 to 1.6 – Site Locations). Schmidt Brothers (Site# 808040) originally identified by the NYSDEC has been replaced by Associated Textile. This PMWP has been amended to include the Rolling Plains site and eliminate the Ace Cleaners site.

This PMWP has been prepared in accordance with the NYSDEC requirements in Work Assignment (WA) No. D003826-29, dated March 28, 2006, and with the July 1997 Superfund Standby Contract between MACTEC and the NYSDEC. The field work and reports for the individual sites will be conducted under WA# D0004434-5.1 and the April 2005 Superfund Standby Contract No. D0004434 between the NYSDEC and MACTEC.

The Site descriptions are as follows:

HTS Cleaners - The former HTS Coin Operated Laundry & Dry Cleaners site is located at 224 Oakwood Avenue in a mixed residential/commercial neighborhood of the Elmira Heights section in the City of Elmira, Chemung County, New York (Figure 1.1). The site property consists of approximately 0.14 acres. The Site is bordered by Oakwood Ave to the west, a pet grooming building to the north, and a small alley to the east and south. The Facet Enterprises Superfund site (chlorinated solvents is one of the contaminants of concern) is located approximately 1500 feet north of the Site. The Sullivan Street Public Supply Wells is located to the southeast of this site.

Ruddick's Dry Cleaners - The former Ruddick's Dry Cleaners is located at 384 Norton Street in a residential neighborhood in the City of Elmira, Chemung County, New York (Figure 1.2). The site property consists of approximately 0.21 acres. The Sullivan Street Public Supply Wells is located

to the east of this site.

Up To Date Cleaners- The former Up to Date Cleaners is located at 138 Main Street in a commercial area in the Village of Dansville, Livingston County, New York (Figure 1.3). The current owner of the property owns both 136 and 138 Main Street properties. The combined property consists of approximately 0.13 acres. The Site building/property is joined to the buildings to the north and south of the Site. The northeastern portion of the Site is surrounded by parking/driving access. A former Fur storage building is located just northeast of the Site and a private school is located across a parking lot east of the Site. The Site is bordered by Main Street to the west. The Village of Dansville is serviced by Public Water. The main water source for the Village is surface water from Mill Creek. The pump station and sand filters are located approximately 1.4 Miles upgradient of the Site, along Sahrles Road (Petti, 2006)

Rolling Plains - The Rolling Plains Development Site is located at the Southwest end of Old French Road in a rural and residential area in the Town of Mendon, Monroe County, New York (Figure 1.4). The entire Rolling Plains Development consists of approximately 23 acres. The Site itself (part of the development) consists of a vacant field, which had some minor earthwork completed for a planned residential housing development. The property is bordered on all sides by residential communities. The town line between Mendon and Rush Townships forms part of the northwest boundary for the site. The closest residences are 400 feet from the Site and a pond and wetland area are located along the northwest boundary. A gravel pit is located to the west of the Site along Rush Lima Road. The majority of the site was reportedly used as a sand/gravel pit.

The majority of the residences near the Site area are on public water, although some residences, primarily to the west and north, are on private wells.

Universal Dry Cleaners - The Universal Dry Cleaners site is located at 360 East McCann's Boulevard in the Village of Elmira Heights, Chemung County, New York (Figure 1.5). The site property consists of approximately 0.45 acres. The Site is bordered by East McCanns Boulevard to the south, Grand Central Avenue to the east, and residential property to the north and west. The Pennsylvania Line LLC, railway lies just west of the Site. A small auto repair garage lies southeast of the Site, across the McCanns/Grand Central intersection. The Thatcher Glass Manufacturing Company is located approximately 500 feet to the southwest of the Site, across McCanns

Boulevard. The Sullivan Street Public Supply Wells are located approximately 1 mile to the southeast of the Site.

Associated Textile - The former Associated Textile Rental Services is located at 714 Baldwin Street in a primarily commercial area in the City of Elmira, Chemung County, New York (Figure 1.6). Vacant property borders the Site to the north and south. The former office and storage yard for Ridgeline Construction lies to the east of the Site across Dickson Street, and industrial property lies to the west of the Site, across Clemens Parkway (former railroad ROW and round house). The site property consists of approximately 0.75 acres. The Sullivan Street Public Supply Wells is located to the northeast of this site.

The purpose of this limited Site Characterization is to provide information to be used by the NYSDEC to reclassify the Site according to the following categories:

- | | |
|---------|--|
| Class 1 | Hazardous waste constitutes a significant threat to the environment, as described in Title 6 of the New York Codes, Rules, and Regulations (NYCRR) Part 375 (New York State [NYS], 1998); and the significant threat to the environment is causing, or presents an imminent danger of causing, either irreversible or irreparable damage to the environment. |
| Class 2 | Hazardous waste constitutes a significant threat to the environment as described in NYCRR Part 375 (NYS, 1998). |
| Class 3 | Hazardous waste does not presently constitute a significant threat to the environment, as described in NYCRR Part 375 (NYS, 1998). |

To complete its reclassification, the NYSDEC requires information to establish the following:

- The existence of documented hazardous waste disposal, as defined in Title 6 of the New York Codes, Rules, and Regulations (NYCRR) Part 371 (NYS, 1999).
- The site's significance with respect to the threat it poses to public health and the environment as defined in 6 NYCRR Part 375 (NYS, 1998).
- Identification of contaminant source.

MACTEC will collect reclassification documentation and present it to the NYSDEC so it can

recommend follow-up action for the Site (i.e., reclassify, delist, or perform additional investigation).

MACTEC has prepared a SC Work Plan for each site under separate cover which details the technical scope of services to be performed under this WA. The SC Work Plans present information collected during Task 1. During Task 1, MACTEC conducted a search of state and county Site records, and performed Site visits to develop information necessary to prepare for potential field activities. Task 1 activities did not develop sufficient data with which to adequately characterize the Sites for reclassification. Therefore, additional field investigations are proposed to develop the required data. Investigations proposed by MACTEC are detailed in the SC Work Plan. Tasks which are described in the SC Work Plan include:

Task 1 – Site Records Search and Site Visit

Historical records and file search and site visit to collect information pertaining to past chemical usage and releases at the sites.

Task 2 – Field Investigations

Field investigations include Geoprobe® soil, groundwater, and soil gas sampling at each site, as well as drilling and Monitoring Well installations at Rolling Plains Development. Additional sampling may be conducted depending on the site specific needs.

Task 3 – Reporting

A report will be prepared to present findings, conclusions and recommendations resulting from Tasks 1 and 2.

2.0 PROJECT ORGANIZATION

Project organization, including principal functions and responsibilities, are described below. Additionally, MACTEC has prepared a Minority and Woman Owned Business Enterprise (M/WBE) Utilization Plan which is included as Appendix A of this PMWP.

Program Manager – William Weber, P.E. Mr. Weber has overall responsibility for organizing and setting program operating procedures with the NYSDEC, and confirming that work assignments are implemented in accordance with contract requirements.

Project Manager – John W. Peterson. Mr. Peterson will be the primary contact with Mr. Matthew Dunham, the NYSDEC Project Manager. He will be responsible for establishing protocols to be used on Work Assignment Site Characterizations and confirming implementation, for maintaining quality and consistency among Site Characterization reports, and for monitoring the overall Work Assignment schedule and budget.

Site Manager – Chuck Staples. Mr. Staples is responsible for managing execution of the Site scope of work and for task-specific budgeting and scheduling issues. During field activities, Mr. Staples will be the liaison among field staff, subcontractors, and representatives from the NYSDEC, and county or municipal agencies. Mr. Staples will be responsible for preparation of the Site Characterization deliverables.

Project Assistant II – Karen Furey. Ms. Furey will participate in budget tracking, management of files, data management, and report production.

Senior Technical Review – Peter Thompson. Mr. Thompson will provide technical guidance throughout the field program, data evaluation, and report preparation.

Field Staff – Brandon Shaw will be involved with the field activities, including adherence to and interpretation of the Health and Safety Plan (HASP) and Quality Assurance Program Plan, oversight of subcontractor drilling activities, well development, and sampling. In addition, the field staff will be involved with data reduction and evaluation, and report preparation. Additional or substitute field staff

may be identified when the field investigation schedule is finalized.

Health and Safety – Cynthia Sundquist, the Health and Safety Supervisor, is responsible for review and approval of the site-specific HASP, and, throughout the duration of field activities, has authority to stop work should unacceptable health and safety risks occur. The on-site Health and Safety Officer will be appointed when the field investigation schedule is finalized.

Analytical Laboratory – Chemtech will provide analytical chemistry services for this project.

Data Validation – Environmental Data Validation, Inc. (EDV). EDV will provide data validation services for the analytical data collected for this project.

Survey and Mapping – LU Engineers. LU Engineers will provide survey and map generation services for this project.

Direct Push and Microwell installation – Geologic, NY. Geologic, NY will be providing direct push and microwell installation for this project.

Drilling and Monitoring Well installation – Nothnagle Drilling. Nothnagle will be providing drilling services (ODEX and Hallow Stem Auger) and monitoring well installation for this project.

3.0 COST, SCHEDULE AND ASSUMPTIONS

The proposed project schedule for the Site Characterization Data Summary is provided in Figure 3.1.

MACTEC anticipates that field activities, and laboratory analysis will require two and-a-half months to complete. A Draft Site Characterization Summary Report for each site will be submitted to the NYSDEC for review approximately 8 weeks following submission of laboratory data.

The proposed schedule for execution of this program depends upon timely NYSDEC review and comment on deliverables, and the NYSDEC confirmation of Site access approval. Cost tables are provided in Appendix A. Backup drilling quotes for Rolling Plains are provided in Appendix B.

The project schedule and costs are dependent on the following assumptions:

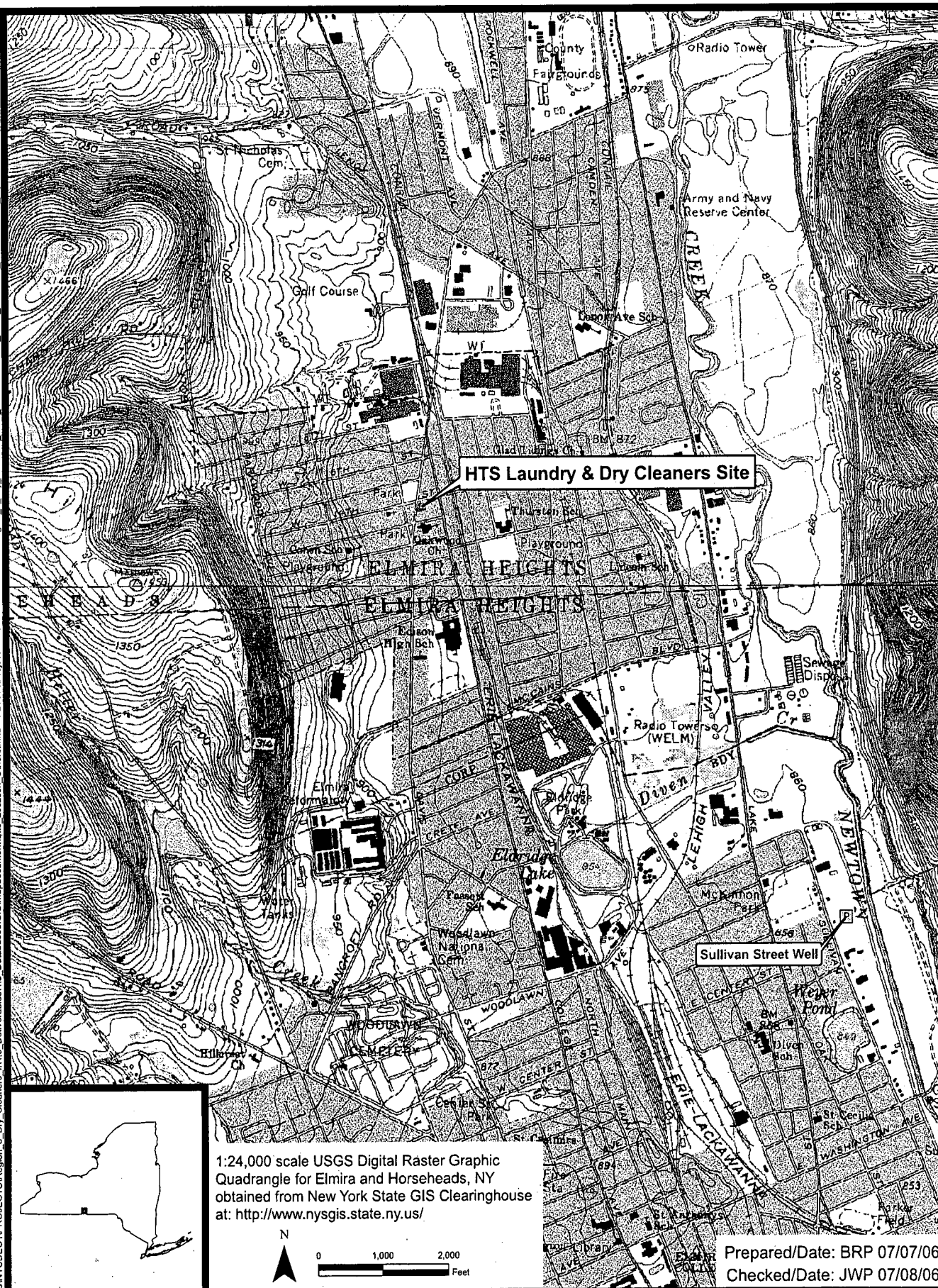
- Data Usability Summary Reports will be required for the project.
- The NYSDEC will acquire permission from property owners to gain access for the subsurface investigations.
- MACTEC, as an agent for the NYSDEC, is responsible for transport and disposal of containerized Investigation Derived Waste (IDW).
- Water table is no deeper than twenty feet bgs (30 feet at Rolling Plains).

4.0 REFERENCES

New York State (NYS), 1998. *New York Codes, Rules, and Regulations, Title 6, Part 375- Inactive Hazardous Waste Disposal Sites Remedial Program*. Amended January 1998.

New York State (NYS), 1999. *New York Codes, Rules, and Regulations, Title 6, Part 371- Identification and Listing of Hazardous Wastes*. Amended November 1999.

FIGURES

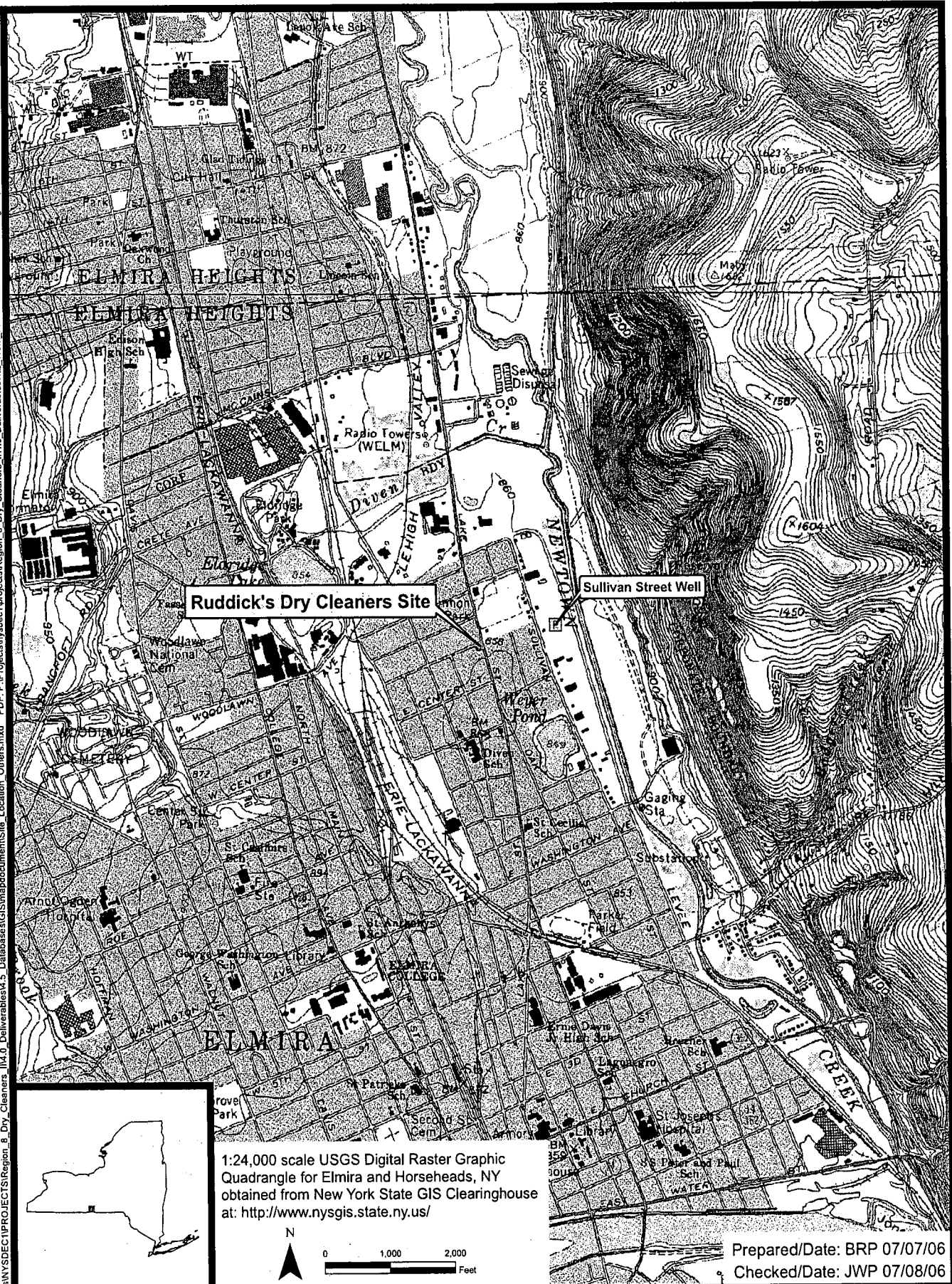


NYSDEC
HTS Laundry & Dry Cleaners Site
Elmira, New York

MACTEC

Site Location
Project 3612-06-2046
Figure 1.1

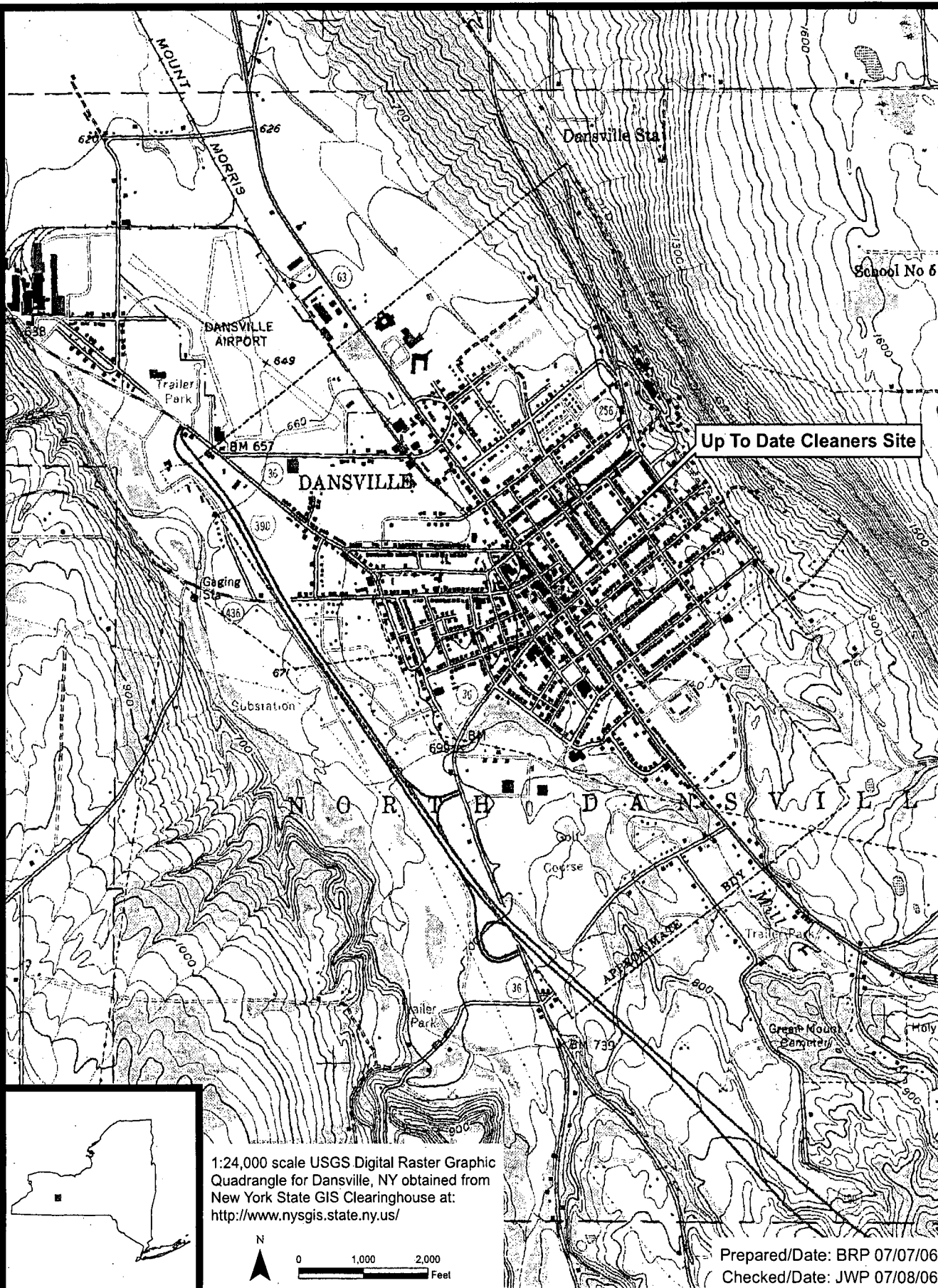
Prepared/Date: BRP 07/07/06
Checked/Date: JWP 07/08/06



NYSDEC
 Ruddick's Dry Cleaners Site
 Elmira, New York



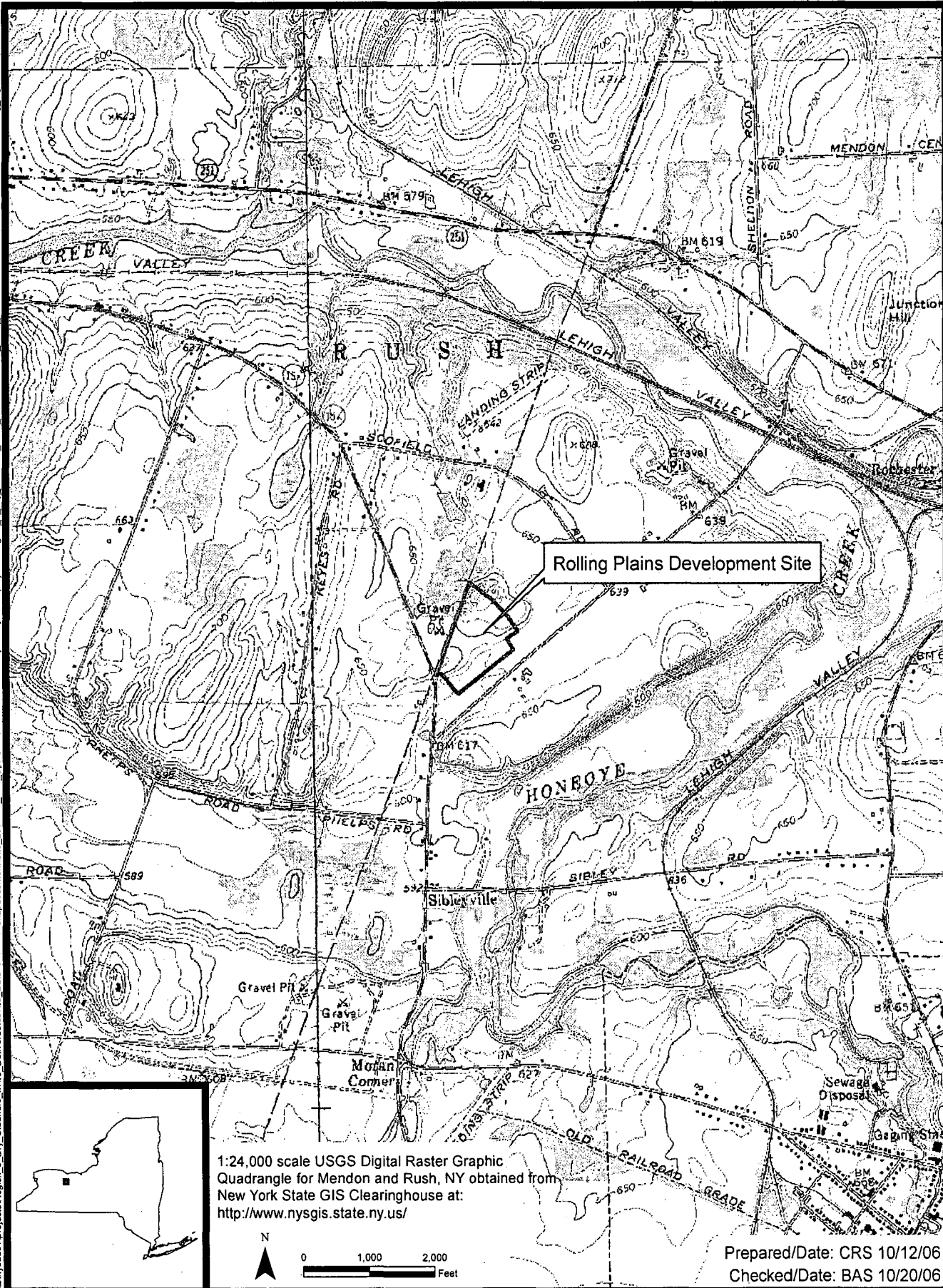
Site Location
 Project 3612-06-2046
 Figure 1.2



NYSDEC
 Up to Date Cleaners Site
 Dansville, NY



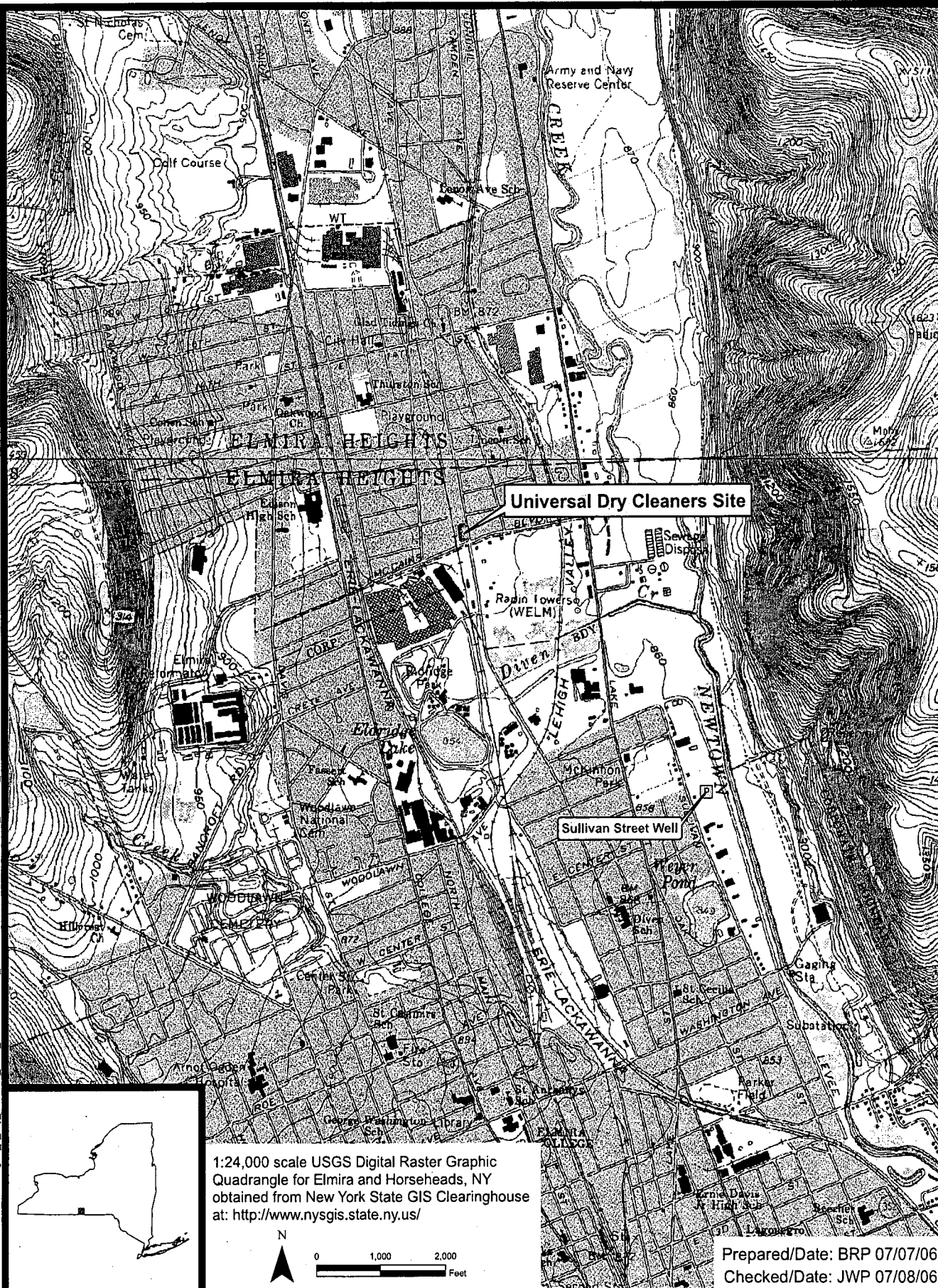
Site Location
 Project 3612-06-2046
 Figure 1.3



NYSDEC
Rolling Plains Development
Mendon, NY



Site Location
Project 3612-06-2059
Figure 1.4

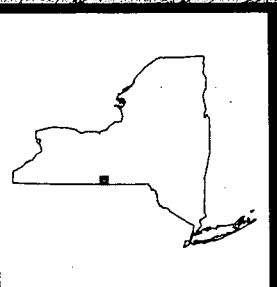
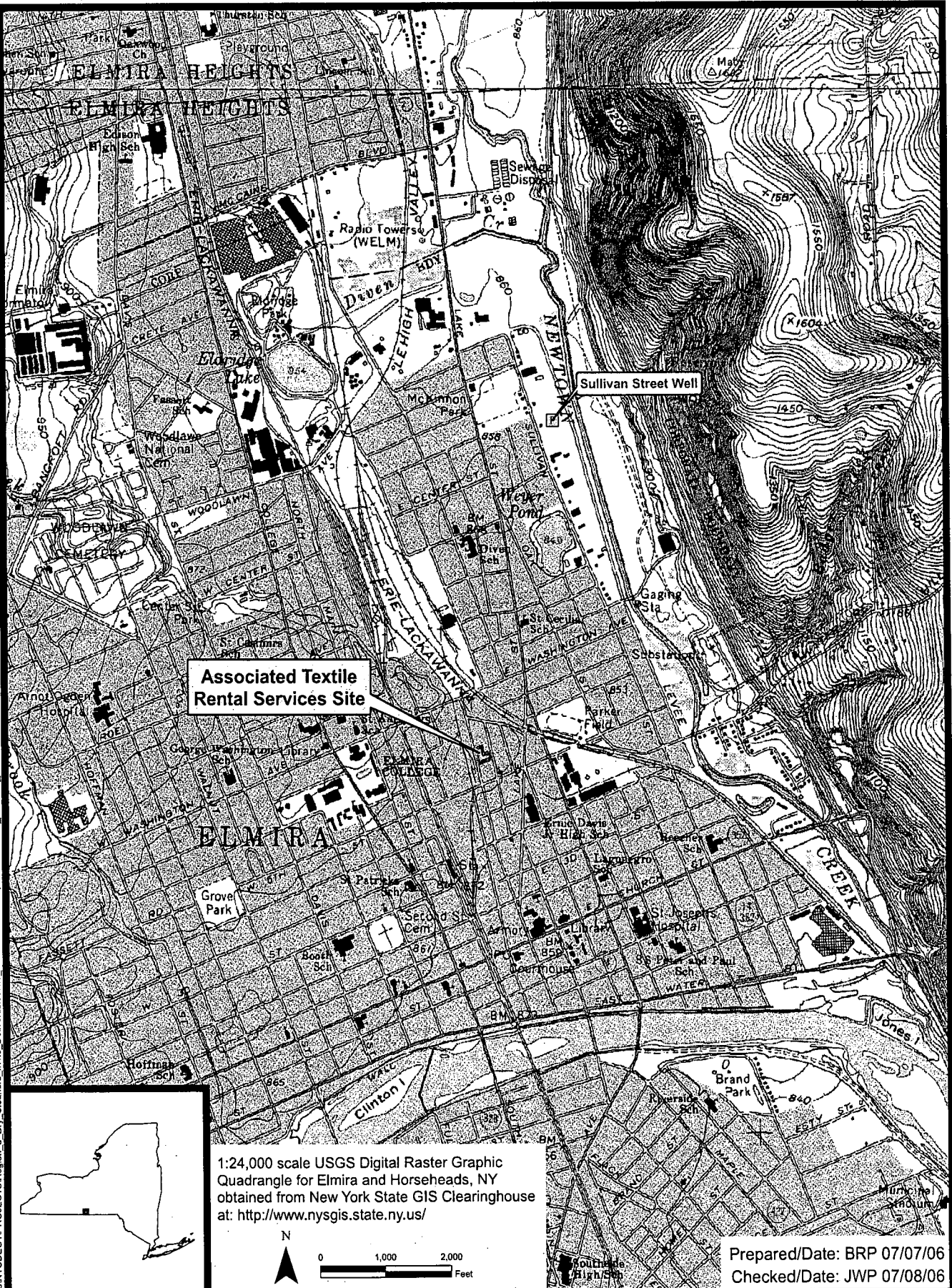


NYSDEC
 Universal Dry Cleaners Site
 Elmira, New York



Site Location
 Project 3612-06-2046
 Figure 1.5

Document: P:\Projects\NYSDEC\PROJECTS\Region 8 Dry Cleaners\114.0 Deliverables\4.5 Databases\GIS\MapDocument\Site Location Others.mxd PDF: P:\Projects\NYSDEC\PROJECTS\Region 8 Dry Cleaners\114.0 Deliverables\4.2 Work Plans\Associated\Associated Fig1.1.pdf 07/07/2006 2:05 PM bpters



1:24,000 scale USGS Digital Raster Graphic
Quadrangle for Elmira and Horseheads, NY
obtained from New York State GIS Clearinghouse
at: <http://www.nysgis.state.ny.us/>

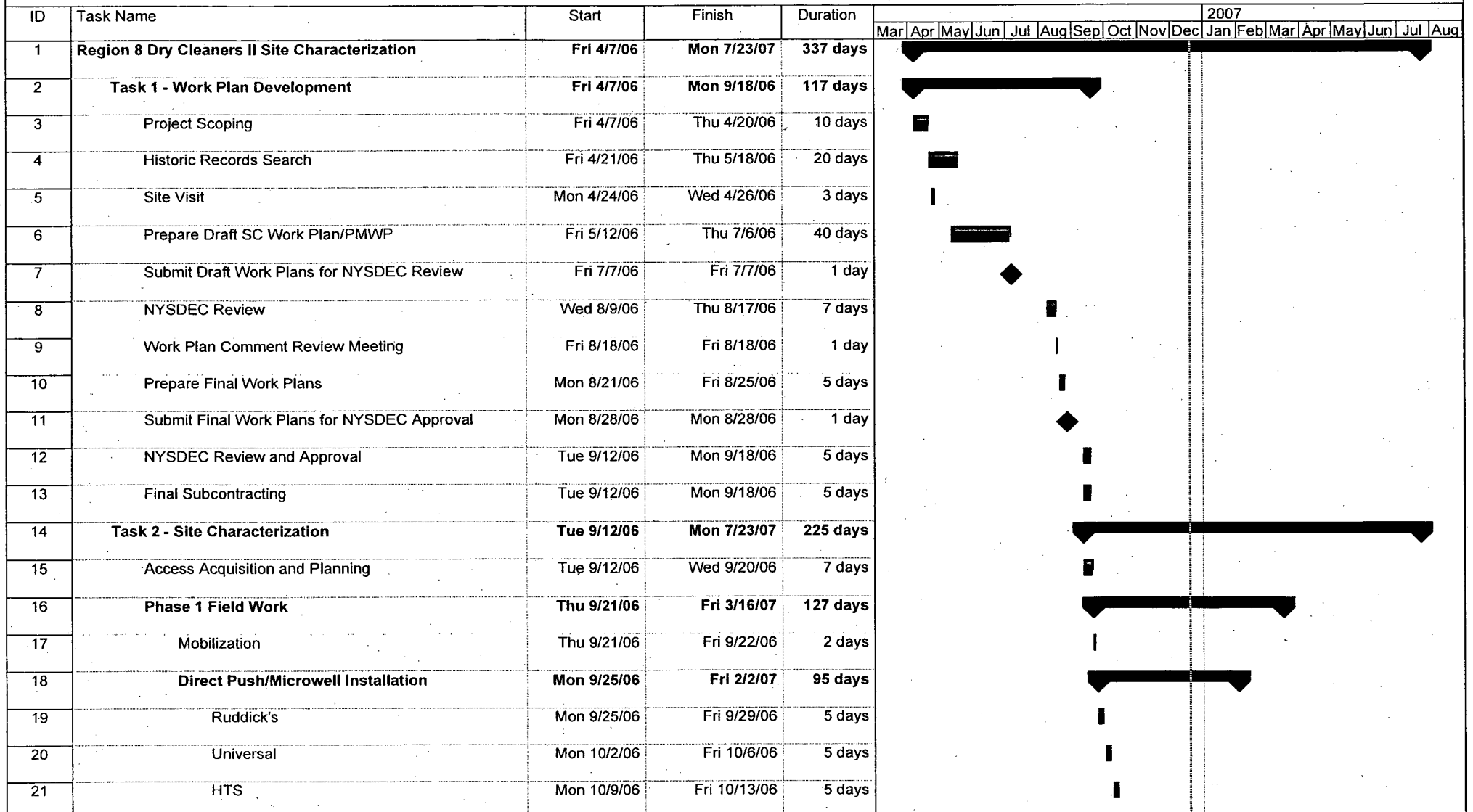
NYSDEC
Associated Textile Rental Services
Elmira, New York



Prepared/Date: BRP 07/07/06
Checked/Date: JWP 07/08/06

Site Location
Project 3612-06-2046
Figure 1.6

**FIGURE 3.1
PROJECT SCHEDULE
REGION 8 DRY CLEANERS - GROUP 2**



Project Schedule - Region 8 Dry Cleaning Sites
Group 2
Prepared by CRS Date: Tue 12/19/06

Task Progress Milestone Summary

FIGURE 3.1
PROJECT SCHEDULE

ID	Task Name	Start	Finish	Duration	2007																	
					Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
22	Associated Textile	Mon 11/6/06	Fri 11/10/06	5 days																		
23	Up To Date	Mon 11/13/06	Fri 11/17/06	5 days																		
24	Rolling Plains	Mon 1/8/07	Fri 1/12/07	5 days																		
25	Rolling Plains (Well Sampling)	Mon 1/29/07	Fri 2/2/07	5 days																		
26	Chemical Analysis	Mon 10/2/06	Fri 3/16/07	120 days																		
27	Ruddick's	Mon 10/2/06	Fri 11/10/06	30 days																		
28	Universal	Mon 10/9/06	Fri 11/17/06	30 days																		
29	HTS	Mon 10/16/06	Fri 11/24/06	30 days																		
30	Associated Textile	Mon 11/13/06	Fri 12/22/06	30 days																		
31	Up To Date	Mon 11/20/06	Fri 12/29/06	30 days																		
32	Rolling Plain	Mon 1/15/07	Fri 3/16/07	45 days																		
33	Survey	Mon 1/15/07	Fri 2/23/07	30 days																		
34	Report	Mon 11/13/06	Mon 7/23/07	181 days																		
35	Data Validation/Usability Report	Mon 11/13/06	Fri 4/13/07	110 days																		
36	Analytical Data Review	Mon 4/16/07	Fri 5/4/07	15 days																		
37	Site Data Review and Prepare Draft Reports	Mon 5/7/07	Fri 6/1/07	20 days																		
38	Submit Draft Reports for NYSDEC Review	Mon 6/4/07	Mon 6/4/07	1 day																		
39	NYSDEC Review Draft Report	Mon 6/4/07	Fri 6/29/07	20 days																		
40	Prepare Final Reports	Mon 7/2/07	Fri 7/20/07	15 days																		
41	Submit Final Reports	Mon 7/23/07	Mon 7/23/07	1 day																		

APPENDIX A
COST TABLES

Engineer: Mactec Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

**Schedule 2.11(a)
 Summary of Work Assignment Price**

1	DIRECT SALARY COSTS (Schedules 2.10(a) and 2.11 (b))	\$	72,265
2	INDIRECT COSTS (Schedule 2.10(g))	\$	120,393
3	DIRECT NON-SALARY COSTS (Schedules 2.10(d)(e)(f) and 2.11 (c) and (d))	\$	39,037
SUBCONTRACT COSTS			
COST-PLUS-FIXED-FEE SUBCONTRACTS			
(Schedule 2.11(e))			
	Name of Subcontractor	Services to be Performed	Subcontract Price
	Joseph Lu Engineers	Site Survey	\$ 7,393
	Joseph Lu Engineers	Site Survey	\$ 7,393
	Joseph Lu Engineers	Site Survey	\$ 4,349
	Joseph Lu Engineers	Site Survey	\$ 7,393
	Joseph Lu Engineers	Site Survey	\$ 7,393
	Joseph Lu Engineers	Site Survey	\$ 4,366
4	TOTAL COST-PLUS-FIXED-FEE SUBCONTRACTS	\$	38,286
UNIT PRICE SUBCONTRACTS			
(Schedule 2.11(f))			
	Name of Subcontractor	Services to be Performed	Subcontract Price
	Geologic, NY	Drilling	\$ 8,760
	Chemtech Consulting Group.	Laboratory	\$ 10,180
	Environmental Data Validators, Inc.	Data Validation	\$ 2,455
	Geologic, NY	Drilling	\$ 8,760
	Chemtech Consulting Group.	Laboratory	\$ 8,830
	Environmental Data Validators, Inc.	Data Validation	\$ 2,080
	Geologic, NY	Drilling	\$ 5,980
	Chemtech Consulting Group	Laboratory	\$ 18,330
	Environmental Data Validators	Data Validation	\$ 5,258
	EDR		\$ 295
	Nothnagle Drilling	Drilling	\$ 16,220
	Geologic, NY	Drilling	\$ 8,760
	Chemtech Consulting Group.	Laboratory	\$ 8,110
	Environmental Data Validators, Inc.	Data Validation	\$ 1,880
	Geologic, NY	Drilling	\$ 8,760
	Chemtech Consulting Group.	Laboratory	\$ 8,920
	Environmental Data Validators, Inc.	Data Validation	\$ 2,105
	Geologic, NY	Drilling	\$ 7,560
	Chemtech Consulting Group.	Laboratory	\$ 6,650
	Environmental Data Validators, Inc.	Data Validation	\$ 1,524
			\$ -
5	TOTAL UNIT PRICE SUBCONTRACTS	\$	141,417
6	SUBCONTRACT MANAGEMENT FEE	\$	5,645
7	TOTAL SUBCONTRACT COSTS (Lines 4 + 5 + 6)	\$	185,348
8	FIXED FEE (Schedule 2.10(h))	\$	9,633
9	TOTAL WORK ASSIGNMENT PRICE (Lines 1 + 2 + 3 + 7 + 8)	\$	426,676

Engineer: Mactec Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

Schedule 2.11(b)
 Direct Labor Hours Budgeted

GRADE LEVEL	IX	VIII	VII	VI	V	IV	III	II	I	TOTAL
2006 Rates	\$60.73	\$52.35	\$45.56	\$42.71	\$38.03	\$32.82	\$26.98	\$23.16	\$20.02	
2007 Rates	\$62.55	\$53.92	\$46.93	\$43.99	\$39.17	\$33.80	\$27.79	\$23.85	\$20.62	
2008 Rates	\$64.43	\$55.54	\$48.33	\$45.31	\$40.35	\$34.82	\$28.62	\$24.57	\$21.24	
2009 Rates	\$66.36	\$57.20	\$49.78	\$46.67	\$41.56	\$35.86	\$29.48	\$25.31	\$21.88	
2010 Rates	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	
Task 1 - Work Plan Development										
2006 Hours	2	0	0	5	0	6	0	37	4	54
Total Hours	2	0	0	5	0	6	0	37	4	54
2006 Labor Cost	\$ 121.46	\$ -	\$ -	\$ 213.55	\$ -	\$ 196.92	\$ -	\$ 856.92	\$ 80.08	\$ 1,468.93
Total Labor Cost	\$ 121.46	\$ -	\$ -	\$ 213.55	\$ -	\$ 196.92	\$ -	\$ 856.92	\$ 80.08	\$ 1,468.93
Task 2 - Field Work										
2007 Hours	37	0	0	110	0	62	486	642	0	1337
Total Hours	37	0	0	110	0	62	486	642	0	1337
2007 Labor Cost	\$ 2,314.35	\$ -	\$ -	\$ 4,838.90	\$ -	\$ 2,095.60	\$ 13,505.94	\$ 15,311.70	\$ -	\$ 38,066.49
Total Labor Cost	\$ 2,314.35	\$ -	\$ -	\$ 4,838.90	\$ -	\$ 2,095.60	\$ 13,505.94	\$ 15,311.70	\$ -	\$ 38,066.49
Task 3 - Data Analyses/Report Preparation										
2007 Hours	36	0	0	62	0	150	0	906	52	1206
Total Hours	36	0	0	62	0	150	0	906	52	1206
2007 Labor Cost	\$ 2,251.80	\$ -	\$ -	\$ 2,727.38	\$ -	\$ 5,070.00	\$ -	\$ 21,608.10	\$ 1,072.24	\$ 32,729.52
Total Labor Cost	\$ 2,251.80	\$ -	\$ -	\$ 2,727.38	\$ -	\$ 5,070.00	\$ -	\$ 21,608.10	\$ 1,072.24	\$ 32,729.52
2006 Total Labor Hours	2	0	0	5	0	6	0	37	4	54
2006 Total Direct Labor Cost (\$)	\$ 121.46	\$ -	\$ -	\$ 213.55	\$ -	\$ 196.92	\$ -	\$ 856.92	\$ 80.08	\$ 1,468.93
2007 Total Labor Hours	73	0	0	172	0	212	486	1548	52	2543
2007 Total Direct Labor Cost (\$)	\$ 4,566.15	\$ -	\$ -	\$ 7,566.28	\$ -	\$ 7,165.60	\$ 13,505.94	\$ 36,919.80	\$ 1,072.24	\$ 70,796.01
TOTAL LABOR HOURS	75	0	0	177	0	218	486	1,585	56	2,597
TOTAL DIRECT LABOR COST	\$ 4,687.61	\$ -	\$ -	\$ 7,779.83	\$ -	\$ 7,362.52	\$ 13,505.94	\$ 37,776.72	\$ 1,152.32	\$ 72,264.94

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

- 1) Work Plan Development
 - Conflict of Interest
 - Develop budget schedules & supporting documentation
- 2) Review work assignment (WA) progress
 - Conduct progress reviews
 - Prepare monthly project report
 - Update WA progress schedule
 - Prepare monthly M/WBE Utilization Report
- 3) Review WA costs
 - Prepare monthly cost control report
 - Cost control reviews

Contract/Project administration hours would not include activities such as:

- 1) QA/QC reviews
- 2) Technical oversight by management
- 3) Develop subcontracts
- 4) CAP Preparation
 - Oversee and prepare monthly CAP
 - Respond to payment issues/disallowances
 - NSPE list updates
 - Equipment Inventory
- 5) Manage subcontracts
- 6) Implement and manage program management and staffing plans
- 7) Conduct Health and Safety Reviews
- 8) Word processing and graphic artists
- 9) Report editing
- 10) Review of deliverables

Engineer: Mactec Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

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

GRADE LEVEL	IX	VIII	VII	VI	V	IV	III	II	I	TOTAL
2006 Rates	\$60.73	\$52.35	\$45.56	\$42.71	\$38.03	\$32.82	\$26.98	\$23.16	\$20.02	
2007 Rates	\$62.55	\$53.92	\$46.93	\$43.99	\$39.17	\$33.80	\$27.79	\$23.85	\$20.62	
2008 Rates	\$64.43	\$55.54	\$48.33	\$45.31	\$40.35	\$34.82	\$28.62	\$24.57	\$21.24	
2009 Rates	\$66.36	\$57.20	\$49.78	\$46.67	\$41.56	\$35.86	\$29.48	\$25.31	\$21.88	
2010 Rates	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	
Task 1 - Work Plan Development										
2006 Hours	1	0	0	0	0	0	0	2	0	3
Total Hours	1	0	0	0	0	0	0	2	0	3
2006 Labor Cost	\$ 60.73	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 46.32	\$ -	107
Total Labor Cost	\$ 60.73	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 46.32	\$ -	\$ 107.05
Task 2 - Field Work										
2007 Hours	12	0	0	0	0	0	0	35	0	47
Total Hours	12	0	0	0	0	0	0	35	0	47
2007 Labor Cost	\$ 750.60	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 834.75	\$ -	1585
Total Labor Cost	\$ 750.60	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 834.75	\$ -	\$ 1,585.35
Task 3 - Data Analyses/Report Preparation										
2007 Hours	12	0	0	0	0	0	0	36	0	48
Total Hours	12	0	0	0	0	0	0	36	0	48
2007 Labor Cost	\$ 750.60	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 858.60	\$ -	1609
Total Labor Cost	\$ 750.60	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 858.60	\$ -	\$ 1,609.20
2006 Total Labor Hours	1	0	0	0	0	0	0	2	0	3
2006 Total Direct Labor Cost (\$)	\$ 60.73	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 46.32	\$ -	\$ 107.05
2007 Total Labor Hours	24	0	0	0	0	0	0	71	0	95
2007 Total Direct Labor Cost (\$)	\$ 1,501.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,693.35	\$ -	\$ 3,194.55
TOTAL LABOR HOURS	25	0	0	0	0	0	0	73	0	98
TOTAL DIRECT LABOR COST	\$ 1,561.93	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,739.67	\$ -	\$ 3,301.60

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

- 1) Work Plan Development
 - Conflict of Interest
 - Develop budget schedules & supporting documentation
- 2) Review work assignment (WA) progress
 - Conduct progress reviews
 - Prepare monthly project report
 - Update WA progress schedule
 - Prepare monthly M/WBE Utilization Repc
- 3) Review WA costs
 - Prepare monthly cost control report
 - Cost control reviews

Contract/Project administration hours would not include activities such as:

- 1) QA/QC reviews
- 2) Technical oversight by management
- 3) Develop subcontracts
- 4) CAP Preparation
 - Oversee and prepare monthly CAP
 - Respond to payment issues/disallowances
 - NSPE list updates
 - Equipment Inventory
- 5) Manage subcontracts
- 6) Implement and manage program management and staffing plans
- 7) Conduct Health and Safety Reviews
- 8) Word processing and graphic artists
- 9) Report editing
- 10) Review of deliverables

Engineer: Mactec Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

Schedule 2.11(c)
 Direct Non-Salary Costs

Item	Maximum Reimbursement Rate	Unit	Estimated No. of Units	Total Estimated Cost
A) Sample Analysis Rates (In-House Cost Only)				
1) Groundwater	\$0.00	each	0	\$0.00
2) Soil Vapor	\$0.00	each	0	\$0.00
3) Sub-slab samples	\$0.00	each	0	\$0.00
TOTAL				\$0.00
B) Miscellaneous				
1) TRAVEL				
Lodging	\$88.80	night+taxes	61	\$ 4,569.12
Meals and Incidentals ¹	\$44.00	day	65	\$ 2,359.50
Car Rental	\$66.00	day	60	\$ 3,960.00
Cargo Van Rental		day	0	\$ -
Mileage	\$0.445	mile	0	\$ -
LVE	\$10.00	person/day	22	\$ 220.00
Parking and Tolls		LS	27	\$ 480.00
Gas	Actual Costs	N/A	N/A	\$ 528.57
Air Fare		avg. RT price	19	\$ 4,600.00
TOTAL				\$16,717.19
2) CONSULTANT OTHER DIRECT COSTS				
Printing/Photocopy	\$0.05	page	0	\$ 1,870.00
CAD Computer	\$7.50	hour	0	\$ 315.00
Telephone & Fax	Actual Costs	N/A	N/A	\$ 320.00
Shipping	Actual Costs	N/A	N/A	\$ 3,630.00
Consumables	Actual Costs	N/A	N/A	\$ 6,860.42
Other	\$0.00	N/A	N/A	\$ -
TOTAL				\$12,995.42
Total ODCs				\$29,712.61

Notes:

1. Total estimated cost for Meals and Incidentals adjusted to account for travel days.

Engineer: Mactec Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2
 Work Assignment Number: 5.1

Date Prepared:

12/20/06

**Schedule 2.11(d) 3
 Maximum Reimbursement Rates for Vendor Rented Equipment**

(1) Item	(2) Task No.	(3) Max. Reimbursement Rate (\$)	(4) Est. Usage (Unit of Time) +	(5) Est. Rental Cost (\$) (Col. 3 x 4)
Geopump	2	60	1 wk	60
Horibba U-22	2	240	1 wk	240
Turbidity Meter	2	64	1 wk	64
Radiodetection MGD-2002 Multi-Gas Loc	2	350	1 wk	350
Trimble GPS unit	2	600	1 wk	600
Impact Drill (for sub-slab sample)	2	150	1 wk	150
Geopump	2	60	1 wk	60
Horibba U-22	2	240	1 wk	240
Turbidity Meter	2	64	1 wk	64
Radiodetection MGD-2002 Multi-Gas Loc	2	350	1 wk	350
Trimble GPS unit	2	600	1 wk	600
Geopump	2	60	1 wk	60
Horibba U-22	2	240	2 wk	480
Turbidity Meter	2	64	2 wk	128
Radiodetection MGD-2002 Multi-Gas Loc	2	350	1 wk	350
Marshall Bladder Pump	2	150	2 wk	300
MP-10 Control Box	2	225	2 wk	450
Regulator	2	25	2 wk	50
Trimble GPS unit	2	600	1 wk	600
Area Dust Monitor (Thermal MIE DR-400)	2	450	1 wk	450
Geopump	2	60	0 wk	0
Horibba U-22	2	240	0 wk	0
Turbidity Meter	2	64	0 wk	0
Radiodetection MGD-2002 Multi-Gas Loc	2	350	0 wk	0
Trimble GPS unit	2	600	1 wk	600
Impact Drill (for sub-slab)	2	150	1 wk	150
Geopump	2	60	1 wk	60
Horibba U-22	2	240	1 wk	240
Turbidity Meter	2	64	1 wk	64
Radiodetection MGD-2002 Multi-Gas Loc	2	350	1 wk	350
Trimble GPS unit	2	600	1 wk	600
Impact Drill (for sub-slab sample)	2	150	1 wk	150
Geopump	2	60	1 wk	60
Horibba U-22	2	240	1 wk	240
Turbidity Meter	2	64	1 wk	64
Radiodetection MGD-2002 Multi-Gas Loc	2	350	1 wk	350
Trimble GPS unit	2	600	1 wk	600
Impact Drill (for sub-slab sample)	2	150	1 wk	150
Total Vendor Rented Equipment				\$ 9,324

Notes:

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

+ Usage time includes shipping to and from site.

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: Mactec Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2
Work Assignment Number: 5.1
All sites
Complete: 0.0%

Page: 1 OF 7
Date Prepared: 12/20/06
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 Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 72,265	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 120,393	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 192,658	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,717	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,319	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 39,037	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 185,348	\$ -
8. Total Site Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 417,043	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,633	\$ -
10. Total Site Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 426,676	\$ -

Program Manager (Engineer) _____

Date: _____

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: Mactec Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2
Work Assignment Number: 5.1
Site 1 - Associated Textiles
Complete: 0.0%

Page: 2 OF 7
Date Prepared: 12/20/06
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 Completor	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 11,957	\$ 11,957	\$ 11,957	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ 19,921	\$ 19,921	\$ 19,921	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 31,878	\$ 31,878	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ 2,272	\$ 2,272	\$ 2,272	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 3,624	\$ 3,624	\$ 3,624	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,896	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ 29,643	\$ 29,643	\$ 29,643	\$ -
8. Total Task Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 67,418	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ 1,594	\$ 1,594	\$ 1,594	\$ -
10. Total Task Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 69,012	\$ -

Program Manager (Engineer) _____

Date: _____

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: Mactec Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2
Work Assignment Number: 5.1
Site 2 - HTS Cleaners
Complete: 0.0%

Page: 3 OF 7
Date Prepared: 12/20/06
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 Completor	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 11,890	\$ 11,890	\$ 11,890	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ 19,808	\$ 19,808	\$ 19,808	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 31,698	\$ 31,698	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ 2,061	\$ 2,061	\$ 2,061	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 3,442	\$ 3,442	\$ 3,442	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,503	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ 27,849	\$ 27,849	\$ 27,849	\$ -
8. Total Task Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 65,050	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ 1,585	\$ 1,585	\$ 1,585	\$ -
10. Total Task Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 66,635	\$ -

Program Manager (Engineer) _____

Date: _____

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: Mactec Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2
Work Assignment Number: 5.1
Site 3 - Rolling Plains
Complete: 0.0%

Page: 4 OF 7
Date Prepared: 12/20/06
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 Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 13,675	\$ 13,675	\$ 13,675	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ 22,783	\$ 22,783	\$ 22,783	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 36,458	\$ 36,458	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ 6,348	\$ 6,348	\$ 6,348	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 5,292	\$ 5,292	\$ 5,292	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,639	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ 52,264	\$ 52,264	\$ 52,264	\$ -
8. Total Task Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,362	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ 1,823	\$ 1,823	\$ 1,823	\$ -
10. Total Task Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 102,185	\$ -

Program Manager (Engineer) _____

Date: _____

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: Mactec Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2
Work Assignment Number: 5.1
Site 4 - Ruddick's Cleaners
Complete: 0.0%

Page: 5 OF 7
Date Prepared: 12/20/06
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 Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 11,668	\$ 11,668	\$ 11,668	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ 19,439	\$ 19,439	\$ 19,439	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 31,108	\$ 31,108	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ 1,909	\$ 1,909	\$ 1,909	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 2,878	\$ 2,878	\$ 2,878	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,786	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ 26,893	\$ 26,893	\$ 26,893	\$ -
8. Total Task Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 62,786	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ 1,555	\$ 1,555	\$ 1,555	\$ -
10. Total Task Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 64,342	\$ -

Program Manager (Engineer)

Date:

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: Mactec Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2
Work Assignment Number: 5.1
Site 5 - Universal Dry Cleaners
Complete: 0.0%

Page: 6 OF 7
Date Prepared: 12/20/06
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 Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 12,019	\$ 12,019	\$ 12,019	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ 20,024	\$ 20,024	\$ 20,024	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 32,042	\$ 32,042	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ 2,139	\$ 2,139	\$ 2,139	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 3,592	\$ 3,592	\$ 3,592	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,731	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ 27,969	\$ 27,969	\$ 27,969	\$ -
8. Total Task Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 65,742	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ 1,602	\$ 1,602	\$ 1,602	\$ -
10. Total Task Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 67,344	\$ -

Program Manager (Engineer)

Date:

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: Mactec Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2
Work Assignment Number: 5.1
Site 6 - Up To Date Cleaners
Complete: 0.0%

Page: 7 OF 7
Date Prepared: 12/20/06
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 Completor	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 11,055	\$ 11,055	\$ 11,055	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ 18,418	\$ 18,418	\$ 18,418	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 29,474	\$ 29,474	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ 1,988	\$ 1,988	\$ 1,988	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 3,493	\$ 3,493	\$ 3,493	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,482	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ 20,729	\$ 20,729	\$ 20,729	\$ -
8. Total Task Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 55,684	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ 1,474	\$ 1,474	\$ 1,474	\$ -
10. Total Task Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 57,158	\$ -

Program Manager (Engineer) _____

Date: _____

**Schedule 2.11(g) - Supplemental
COST CONTROL REPORT FOR SUBCONTRACTS**

Engineer: Mactec Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2
Work Assignment Number: 5.1

Page 1 of 1
Date Prepared: 12/20/06
Billing Period:
Invoice No.

Subcontract Name	A Subcontract Costs Claimed This Application Incl. Resubmittals	B Subcontract Costs Approved For Payment on Previous Applications	C Total Subcontract Costs To Date (A plus B)	D Subcontract Approved Budget	E Management Fee Budget	F Management Fee Paid	G Total Costs To Date (C plus F)
Joseph Lu Engineers			\$ -	\$ 7,393			\$ -
			\$ -	\$ -			\$ -
			\$ -	\$ -			\$ -
Geologic, NY			\$ -	\$ 8,760	\$ 350		\$ -
Chemtech Consulting Group.			\$ -	\$ 10,180	\$ 407		\$ -
Environmental Data Validators, Inc.			\$ -	\$ 2,455	\$ 98		\$ -
			\$ -	\$ -	\$ -		\$ -
			\$ -	\$ -	\$ -		\$ -
Joseph Lu Engineers			\$ -	\$ 7,393			\$ -
			\$ -	\$ -			\$ -
			\$ -	\$ -			\$ -
Geologic, NY			\$ -	\$ 8,760	\$ 350		\$ -
Chemtech Consulting Group.			\$ -	\$ 8,830	\$ 353		\$ -
Environmental Data Validators, Inc.			\$ -	\$ 2,080	\$ 83		\$ -
			\$ -	\$ -	\$ -		\$ -
			\$ -	\$ -	\$ -		\$ -
Joseph Lu Engineers			\$ -	\$ 4,349			\$ -
			\$ -	\$ -			\$ -
			\$ -	\$ -			\$ -
Geologic, NY			\$ -	\$ 5,980	\$ 239		\$ -
Chemtech Consulting Group			\$ -	\$ 18,330	\$ 733		\$ -
Environmental Data Validators			\$ -	\$ 5,258	\$ 210		\$ -
EDR			\$ -	\$ 295	\$ -		\$ -
Nothnagle Drilling			\$ -	\$ 16,220	\$ 649		\$ -
Joseph Lu Engineers			\$ -	\$ 7,393			\$ -
			\$ -	\$ -			\$ -
			\$ -	\$ -			\$ -
Geologic, NY			\$ -	\$ 8,760	\$ 350		\$ -
Chemtech Consulting Group.			\$ -	\$ 8,110	\$ 324		\$ -
Environmental Data Validators, Inc.			\$ -	\$ 1,880	\$ 75		\$ -

**Schedule 2.11(g) - Supplemental
COST CONTROL REPORT FOR SUBCONTRACTS**

Engineer: Mactec Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2
Work Assignment Number: 5.1

Page 1 of 1
Date Prepared: 12/20/06
Billing Period:
Invoice No.

Subcontract Name	A Subcontract Costs Claimed This Application Incl. Resubmittals	B Subcontract Costs Approved For Payment on Previous Applications	C Total Subcontract Costs To Date (A plus B)	D Subcontract Approved Budget	E Management Fee Budget	F Management Fee Paid	G Total Costs To Date (C plus F)
			\$ -	\$ -	\$ -		\$ -
			\$ -	\$ -	\$ -		\$ -
Joseph Lu Engineers			\$ -	\$ 7,393			\$ -
			\$ -	\$ -			\$ -
			\$ -	\$ -			\$ -
Geologic, NY			\$ -	\$ 8,760	\$ 350		\$ -
Chemtech Consulting Group.			\$ -	\$ 8,920	\$ 357		\$ -
Environmental Data Validators, Inc.			\$ -	\$ 2,105	\$ 84		\$ -
			\$ -	\$ -	\$ -		\$ -
			\$ -	\$ -	\$ -		\$ -
Joseph Lu Engineers			\$ -	\$ 4,366			\$ -
			\$ -	\$ -			\$ -
			\$ -	\$ -			\$ -
Geologic, NY			\$ -	\$ 7,560	\$ 302		\$ -
Chemtech Consulting Group.			\$ -	\$ 6,650	\$ 266		\$ -
Environmental Data Validators, Inc.			\$ -	\$ 1,524	\$ 61		\$ -
TOTALS	\$ -	\$ -	\$ -	\$ 179,703.28	\$ 5,644.90	\$ -	\$ -

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.

Engineer: MACTEC Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Associated Textiles
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

**Schedule 2.11(a)
 Summary of Work Assignment Price**

1	DIRECT SALARY COSTS (Schedules 2.10(a) and 2.11 (b))		\$	11,957	✓															
2	INDIRECT COSTS (Schedule 2.10(g))		\$	19,921	✓															
3	DIRECT NON-SALARY COSTS (Schedules 2.10(d)(e)(f) and 2.11 (c) and (d))		\$	5,896	✓															
<p align="center">SUBCONTRACT COSTS COST-PLUS-FIXED-FEE SUBCONTRACTS (Schedule 2.11(e))</p> <table border="1"> <thead> <tr> <th>Name of Subcontractor</th> <th>Services to be Performed</th> <th>Subcontract Price</th> </tr> </thead> <tbody> <tr> <td>Joseph Lu Engineers</td> <td>Site Survey</td> <td>\$ 7,393</td> </tr> <tr> <td></td> <td></td> <td>\$ -</td> </tr> <tr> <td></td> <td></td> <td>\$ -</td> </tr> </tbody> </table>						Name of Subcontractor	Services to be Performed	Subcontract Price	Joseph Lu Engineers	Site Survey	\$ 7,393			\$ -			\$ -			
Name of Subcontractor	Services to be Performed	Subcontract Price																		
Joseph Lu Engineers	Site Survey	\$ 7,393																		
		\$ -																		
		\$ -																		
4	TOTAL COST-PLUS-FIXED-FEE SUBCONTRACTS		\$	7,393	✓															
<p align="center">UNIT PRICE SUBCONTRACTS (Schedule 2.11(f))</p> <table border="1"> <thead> <tr> <th>Name of Subcontractor</th> <th>Services to be Performed</th> <th>Subcontract Price</th> </tr> </thead> <tbody> <tr> <td>Geologic, NY</td> <td>Drilling</td> <td>\$ 8,760</td> </tr> <tr> <td>Chemtech Consulting Group.</td> <td>Laboratory</td> <td>\$ 10,180</td> </tr> <tr> <td>Environmental Data Validators, Inc.</td> <td>Data Validation</td> <td>\$ 2,455</td> </tr> <tr> <td></td> <td></td> <td>\$ -</td> </tr> </tbody> </table>						Name of Subcontractor	Services to be Performed	Subcontract Price	Geologic, NY	Drilling	\$ 8,760	Chemtech Consulting Group.	Laboratory	\$ 10,180	Environmental Data Validators, Inc.	Data Validation	\$ 2,455			\$ -
Name of Subcontractor	Services to be Performed	Subcontract Price																		
Geologic, NY	Drilling	\$ 8,760																		
Chemtech Consulting Group.	Laboratory	\$ 10,180																		
Environmental Data Validators, Inc.	Data Validation	\$ 2,455																		
		\$ -																		
5	TOTAL UNIT PRICE SUBCONTRACTS		\$	21,395	✓															
6	SUBCONTRACT MANAGEMENT FEE		\$	856	✓															
7	TOTAL SUBCONTRACT COSTS (Lines 4 + 5 + 6)		\$	29,643	✓															
8	FIXED FEE (Schedule 2.10(h))		\$	1,594	✓															
9	TOTAL WORK ASSIGNMENT PRICE (Lines 1 + 2 + 3 + 7 + 8)		\$	69,012	✓															

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Associated Textiles
Work Assignment Number: 5.1

Date Prepared: 12/20/06

Schedule 2.11(b)
Direct Labor Hours Budgeted

GRADE LEVEL	IX	VIII	VII	VI	V	IV	III	II	I	TOTAL
2006 Rates	\$60.73	\$52.35	\$45.56	\$42.71	\$38.03	\$32.82	\$26.98	\$23.16	\$22.18	
2007 Rates	\$62.55	\$53.92	\$46.93	\$43.99	\$39.17	\$33.80	\$27.79	\$23.85	\$20.62	
2008 Rates	\$64.43	\$55.54	\$48.33	\$45.31	\$40.35	\$34.82	\$28.62	\$24.57	\$21.24	
2009 Rates	\$66.36	\$57.20	\$49.78	\$46.67	\$41.56	\$35.86	\$29.48	\$25.31	\$21.88	
2010 Rates	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	
Task 2 - Field Work										
2006 Hours	0	0	0	0	0	0	0	0	0	0
Total Hours	6	0	0	16	0	12	78	112	0	224
2006 Labor Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Labor Cost	\$ 375.30	\$ -	\$ -	\$ 703.84	\$ -	\$ 405.60	\$ 2,167.62	\$ 2,671.20	\$ -	\$ 6,323.56
Task 3 - Data Analyses / Report Preparation										
2007 Hours	6	0	0	12	0	25	0	156	8	207
Total Hours	6	0	0	12	0	25	0	156	8	207
2007 Labor Cost	\$ 375.30	\$ -	\$ -	\$ 527.88	\$ -	\$ 845.00	\$ -	\$ 3,720.60	\$ 164.96	\$ 5,633.74
Total Labor Cost	\$ 375.30	\$ -	\$ -	\$ 527.88	\$ -	\$ 845.00	\$ -	\$ 3,720.60	\$ 164.96	\$ 5,633.74
2006 Total Labor Hours	0	0	0	0	0	0	0	0	0	0
2006 Total Direct Labor Cost (\$)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2007 Total Labor Hours	12	0	0	28	0	37	78	268	8	431
2007 Total Direct Labor Cost (\$)	\$ 750.60	\$ -	\$ -	\$ 1,231.72	\$ -	\$ 1,250.60	\$ 2,167.62	\$ 6,391.80	\$ 164.96	\$ 11,957.30
TOTAL LABOR HOURS	12	0	0	28	0	37	78	268	8	431
TOTAL DIRECT LABOR COST	\$ 750.60	\$ -	\$ -	\$ 1,231.72	\$ -	\$ 1,250.60	\$ 2,167.62	\$ 6,391.80	\$ 164.96	\$ 11,957.30

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

- 1) Work Plan Development
 - Conflict of Interest
 - Develop budget schedules & supporting documentation
- 2) Review work assignment (WA) progress
 - Conduct progress reviews
 - Prepare monthly project report
 - Update WA progress schedule
 - Prepare monthly M/WBE Utilization Report
- 3) Review WA costs
 - Prepare monthly cost control report
 - Cost control reviews

Contract/Project administration hours would not include activities such as:

- 1) QA/QC reviews
- 2) Technical oversight by management
- 3) Develop subcontracts
- 4) CAP Preparation
 - Oversee and prepare monthly CAP
 - Respond to payment issues/disallowances
 - NSPE list updates
 - Equipment Inventory
- 5) Manage subcontracts
- 6) Implement and manage program management and staffing plans
- 7) Conduct Health and Safety Reviews
- 8) Word processing and graphic artists
- 9) Report editing
- 10) Review of deliverables

Engineer: MACTEC Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Associated Textiles
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

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

GRADE LEVEL	IX	VIII	VII	VI	V	IV	III	II	I	TOTAL
2006 Rates	\$60.73	\$52.35	\$45.56	\$42.71	\$38.03	\$32.82	\$26.98	\$23.16	\$22.18	
2007 Rates	\$62.55	\$53.92	\$46.93	\$43.99	\$39.17	\$33.80	\$27.79	\$23.85	\$20.62	
2008 Rates	\$64.43	\$55.54	\$48.33	\$45.31	\$40.35	\$34.82	\$28.62	\$24.57	\$21.24	
2009 Rates	\$66.36	\$57.20	\$49.78	\$46.67	\$41.56	\$35.86	\$29.48	\$25.31	\$21.88	
2010 Rates	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	
Task 2 - Field Work										
2006 Hours	0	0	0	0	0	0	0	0	0	0
Total Hours	2	0	0	0	0	0	0	6	0	8
2006 Labor Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0
Total Labor Cost	\$ 125.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 143.10	\$ -	\$ 268.20
Task 3 - Data Analyses / Report Preparation										
2007 Hours	2	0	0	0	0	0	0	6	0	8
Total Hours	2	0	0	0	0	0	0	6	0	8
2007 Labor Cost	\$ 125.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 143.10	\$ -	268
Total Labor Cost	\$ 125.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 143.10	\$ -	\$ 268.20
2006 Total Labor Hours	0	0	0	0	0	0	0	0	0	0
2006 Total Direct Labor Cost (\$)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2007 Total Labor Hours	4	0	0	0	0	0	0	12	0	16
2007 Total Direct Labor Cost (\$)	\$ 250.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 286.20	\$ -	\$ 536.40
TOTAL LABOR HOURS	4	0	0	0	0	0	0	12	0	16
TOTAL DIRECT LABOR COST	\$ 250.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 286.20	\$ -	\$ 536.40

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

1) Work Plan Development

- Conflict of Interest
- Develop budget schedules & supporting documentation

2) Review work assignment (WA) progress

- Conduct progress reviews
- Prepare monthly project report
- Update WA progress schedule
- Prepare monthly M/WBE Utilization Report

3) Review WA costs

- Prepare monthly cost control report
- Cost control reviews

Contract/Project administration hours would not include activities such as:

1) QA/QC reviews

- 2) Technical oversight by management
- 3) Develop subcontracts
- 4) CAP Preparation
 - Oversee and prepare monthly CAP
 - Respond to payment issues/disallowances
 - NSPE list updates

- Equipment Inventory
- 5) Manage subcontracts

- 6) Implement and manage program management and staffing plans
- 7) Conduct Health and Safety Reviews
- 8) Word processing and graphic artists
- 9) Report editing
- 10) Review of deliverables

Engineer: MACTEC Engineering and Consulting

Date Prepared:

12/20/06

Contract Number: D004434

Project Name: Reg. 8 Dry Cleaners 2-Associated Textiles

Work Assignment Number: 5.1

Same

**Schedule 2.11(c)
Direct Non-Salary Costs**

Item	Maximum Reimbursement Rate	Unit	Estimated No. of Units	Total Estimated Cost
A) Sample Analysis Rates (In-House Cost Only)				
1) Groundwater	\$0.00	each	0	\$0.00
2) Soil Vapor	\$0.00	each	0	\$0.00
3) Sub-slab samples	\$0.00	each	0	\$0.00
TOTAL				\$0.00
B) Miscellaneous				
1) TRAVEL				
Lodging	\$ 66.60	night+taxes	10	\$666.00
Meals and Incidentals ¹	\$ 39.00	day	10	\$351.00
Car Rental	\$ 66.00	day	8	\$528.00
Cargo Van Rental	\$ -	day	0	\$0.00
Mileage	\$ 0.445	mile	0	\$0.00
Parking and Tolls	\$ 56.00	LS	1	\$56.00
Gas	Actual Costs	N/A	N/A	\$71.43
Air Fare	\$ 200	avg. RT price	3	\$600.00
TOTAL				\$2,272.43
2) CONSULTANT OTHER DIRECT COSTS				
Printing/Photocopy	\$0.05	page	5400	\$270.00
CAD Computer	\$7.50	hour	6	\$45.00
Telephone & Fax	Actual Costs	N/A	N/A	\$50.00
Shipping	Actual Costs	N/A	N/A	\$580.00
Consumables	Actual Costs	N/A	N/A	\$1,214.70
Other	\$0.00	N/A	N/A	\$0.00
TOTAL				\$2,159.70
Total ODCs				\$4,432.13

Notes:

1. Total estimated cost for Meals and Incidentals adjusted to account for travel days.

12/20/06

Work Assignment Number: 5.1

Same

+ Usage time includes shipping to and from site.

Engineer: MACTEC Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Associated Textiles
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

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

Name of Subcontractor		Services to be Performed		Year	Subcontract Price
Joseph Lu Engineers		Site Survey		2006	\$ 7,393
A) Direct Salary Costs					
Professional Responsibility Level	Labor Grade	Ave. Reimbursement Rate (\$/hr)	Max. Reimbursement Rate (\$/hr)	Est. No. of Hours	Total Est. Direct Salary Cost (Ave. Reimb. Rate x Est. # of Hrs.)
Task 1 - Health & Safety Plan					
Mgt. Engineer	NSPE VIII	\$ 52.55		0	\$ -
Sr. Engineer	NSPE III	\$ 27.00		4	\$ 108.00
Engr. Tech.	NSPE I	\$ 19.00		2	\$ 38.00
Task 2 - Phase I Survey Services					
Mgt. Engineer	NSPE VIII	\$ 52.55		1	\$ 52.55
Sr. Engineer	NSPE III	\$ 27.00		32	\$ 864.00
Engr. Tech.	NSPE I	\$ 19.00		57	\$ 1,083.00
Total Direct Salary Costs					\$ 2,146
B) Indirect Costs					
Indirect costs shall be paid based on a percentage of direct salary costs incurred which shall not exceed a maximum 145% or the actual rate calculated in accordance with 48 CFR Federal Acquisition Regulation, whichever is lower.					
Amount budgeted for indirect costs is:					\$ 3,111
C) Maximum Reimbursement Rates for Direct Non-Salary Costs					
Item	Max. Reimbursement Rate (Specify Unit)	Est. No. of Units	Total Est. Cost		
Travel					
Overnight Expenses	\$ 60.00 Night	4	\$ 240.00		
Meals	\$ 39.00 Meals	6	\$ 234.00		
Mileage	\$ 0.45 Mile	1200	\$ 534.00		
Supplies					
Postage	\$ 15.00 Lump Sum	0	\$ -		
Miscellaneous Expenses (incl. PP)	\$ 200.00 Lump Sum	1	\$ 200.00		
Reproduction	\$ 0.04 Each Copy	60	\$ 2.40		
GPS Equipment	\$ 400.00 Lump Sum	1	\$ 400.00		
Total Direct Non-Salary Costs					\$ 1,610
D) Fixed Fee					
The fixed fee is: (10% of Total Direct and Indirect Salary Costs) See Schedule 2.10(h) for how the fixed fee should be claimed.					\$ 526

- These rates will be held firm until October 31, 2006
- Reimbursement will be limited to the lesser of either the individuals actual hourly rate or the maximum rate for each labor category.
- Reimbursement will be limited to the maximum reimbursement rate for the professional responsibility level of the actual work performed.
- Only those labor classifications indicated with an asterisk will be entitled to overtime premium.
- Reimbursement for technical time of principals, owners and officers will be limited to the maximum reimbursement rate of that labor category, the actual hourly labor rate paid, or the State M-6 job rate, whichever is lower.
- The maximum rates in each labor category can be modified only by mutual written agreement and approved by both the contractor and the Department.
- This Footnote applies to Schedules for years 4 through 7 only. If the U.S. cost-of-living index increases at a rate greater than 6% compounded annually, the maximum salary rates will be subject to renegotiation for future years of the contract. There shall be no retroactive adjustments of payment as a result of renegotiated salary schedules.

Assumptions:

Samples as per workplan including 2 contingency subsurface soil samples
 QA/QC sampling as per workplan
 2 rounds of site survey (1st round - certified boundary, 2 round - sample locations)
 Septic sampling conducted during non freeze conditions
 Drilling conducted when ground is frozen over.
 Core sampler by driller
 All laboratory analytical, IDW (investigation derived waste) and drillers costs will be provided by MACTEC

Engineer: MACTEC Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Associated Textiles
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

same

Schedule 2.11(f)
 Unit Price Subcontracts

Field Work				
Name of Subcontractor		Service	Price	Management Fee
woman owned buisness				
Geologic, NY		Drilling	\$ 8,760	\$ 350
Item	Units	UOM	Unit Cost	Total Cost
Mobilization	1	each	\$ 200.00	\$ 200.00
Modified Level C personal protection		day	\$ 30.00	\$ -
Direct Push System - Truck Mounted	5	day	\$ 1,200.00	\$ 6,000.00
Temporary Decon Pad (Mobil)	1	each	\$ 100.00	\$ 100.00
Piezometer installed in direct push hole - 1" diam	100	foot	\$ 7.00	\$ 700.00
6" steel flush mounted vault w/water tight seal	4	each	\$ 100.00	\$ 400.00
Cost to supply USDOT 55 gallon drum	2	each	\$ 60.00	\$ 120.00
Goundwater sample with hydropunch	40	each	\$ 15.00	\$ 600.00
Soil gas sample with sealed sample point	4	each	\$ 15.00	\$ 60.00
Concrete	2	each	\$ 10.00	\$ 20.00
Asphalt patch	1	each	\$ 10.00	\$ 10.00
Permitting - 1 hr per site	1	hr	\$ 50.00	\$ 50.00
Estimated drum removal cost	2	each	\$ 250.00	\$ 500.00

Subtotal Cost: \$ 8,760.00
 Management Fee: \$ 350.40
 Total: \$ 9,110.40

12/20/06

Same

Subtotal Cost:	\$	10,180
Management Fee:	\$	407
Total:	\$	10,587

Date Prepared: 12/20/06

same

Schedule 2.11(f)
Unit Price Subcontracts

Field Work			
Name of Subcontractor	Service	Price	Management Fee
woman owned buisness			
Environmental Data Validators, Inc.	Data Validation	\$ 2,455	\$ 98
Item	Units	UOM	Unit Cost
VOC-Soil- OLM04.2	7		\$ 25.00
			\$ 28.00
VOC-Groundwater- OLM04.2	75		\$ 25.00
SVOC Groundwater- OLM04.2	10		\$ 28.00
			\$ 280.00
VOC-Air- TO-15	5		\$ 25.00
			\$ 125.00

Subtotal Cost:	\$	2,455.00
Management Fee:	\$	98.20
Total:	\$	2,553.20

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Associated Textiles
Work Assignment Number: 5.1
Task #/Name: All Tasks
Complete: 0.0%

Page: 1 OF 3
Date Prepared: 12/20/06
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 Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,957	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,921	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 31,878	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,272	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,624	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,896	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 29,643	\$ -
8. Total Site Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 67,418	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,594	\$ -
10. Total Site Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 69,012	\$ -

Program Manager (Engineer)

Date:

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Associated Textiles
Work Assignment Number: 5.1
Task #/Name: Task 2 - Field Work
Complete: 0.0%

Page: 2 OF 3
Date Prepared: 12/20/06
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 Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 6,324	\$ 6,324	\$ 6,324	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ 10,535	\$ 10,535	\$ 10,535	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,859	\$ 16,859	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ 2,272	\$ 2,272	\$ 2,272	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 3,159	\$ 3,159	\$ 3,159	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,431	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ 29,643	\$ 29,643	\$ 29,643	\$ -
8. Total Task Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51,933	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ 843	\$ 843	\$ 843	\$ -
10. Total Task Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 52,776	\$ -

Program Manager (Engineer) _____

Date: _____

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Associated Textiles
Work Assignment Number: 5.1
Task #/Name: Task 3 - Data Analyses / Report Preparation
Complete: 0.0%

Page: 3 OF 3
Date Prepared: 12/20/06
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 Completor	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 5,634	\$ 5,634	\$ 5,634	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ 9,386	\$ 9,386	\$ 9,386	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,020	\$ 15,020	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 465	\$ 465	\$ 465	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 465	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8. Total Task Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,485	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ 751	\$ 751	\$ 751	\$ -
10. Total Task Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,236	\$ -

Program Manager (Engineer) _____

Date: _____

**Schedule 2.11(g) - Supplemental
COST CONTROL REPORT FOR SUBCONTRACTS**

Same

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Associated Textiles
Work Assignment Number: 5.1

Page 1 of 1
Date Prepared: 12/20/06
Billing Period:
Invoice No.

Field Work

Subcontract Name	A Subcontract Costs Claimed This Application Incl. Resubmittals	B Subcontract Costs Approved For Payment on Previous Applications	C Total Subcontract Costs To Date (A plus B)	D Subcontract Approved Budget	E Management Fee Budget	F Management Fee Paid	G Total Costs To Date (C plus F)
Joseph Lu Engineers			\$ -	\$ 7,392.66	\$ -		\$ -
			\$ -	\$ -	\$ -		\$ -
			\$ -	\$ -	\$ -		\$ -
Geologic, NY			\$ -	\$ 8,760.00	\$ 350.40		\$ -
Chemtech Consulting Group.			\$ -	\$ 10,180.00	\$ 407.20		\$ -
Environmental Data Validators, Inc.			\$ -	\$ 2,455.00	\$ 98.20		\$ -
			\$ -	\$ -	\$ -		\$ -
TOTALS	\$ -	\$ -	\$ -	\$ 28,787.66	\$ 855.80	\$ -	\$ -

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 COST CONTROL REPORT
SUMMARY OF LABOR HOURS

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

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Associated Textiles
Work Assignment Number: 5.1

Date Prepared: 12/20/06
Billing Period:
Invoice #:

NSPE Labor Classification	IX Exp/Est		VIII Exp/Est		VII Exp/Est		VI Exp/Est		V Exp/Est		IV Exp/Est		III Exp/Est		II Exp/Est		I Exp/Est		Total No. of Direct Labor Hours Exp/Est	
Task 2 - Field Work	0.0	6	0.0	0	0.0	0	0.0	16	0.0	0	0.0	12	0.0	78	0.0	112	0.0	0	0.0	224
Task 3 - Data Analyses / Report Preparation	0.0	6	0.0	0	0.0	0	0.0	12	0.0	0	0.0	25	0.0	0	0.0	156	0.0	8	0.0	207
Task 4 -	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	0.0	0
Task 5 -	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	0.0	0
Task 6 -	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	0.0	0
Task 7 -	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	0.0	0
Task 8 -	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	0.0	0
Total Hours	0.0	12	0.0	0	0.0	0	0.0	28	0.0	0	0.0	37	0.0	78	0.0	268	0.0	8	0.0	431

* Expended/Estimated

Engineer: Mactec Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Rolling Plains
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

**Schedule 2.11(a)
 Summary of Work Assignment Price**

1	DIRECT SALARY COSTS (Schedules 2.10(a) and 2.11 (b))	\$	13,675	✓
2	INDIRECT COSTS (Schedule 2.10(g))	\$	22,783	✓
3	DIRECT NON-SALARY COSTS (Schedules 2.10(d)(e)(f) and 2.11 (c) and (d))	\$	11,639	✓
SUBCONTRACT COSTS COST-PLUS-FIXED-FEE SUBCONTRACTS (Schedule 2.11(e))				
Name of Subcontractor		Services to be Performed		Subcontract Price
Joseph Lu Engineers		Site Survey		\$ 4,349
				\$ -
				\$ -
4	TOTAL COST-PLUS-FIXED-FEE SUBCONTRACTS	\$	4,349	✓
UNIT PRICE SUBCONTRACTS (Schedule 2.11(f))				
Name of Subcontractor		Services to be Performed		Subcontract Price
Geologic, NY		Drilling		\$ 5,980
Chemtech Consulting Group		Laboratory		\$ 18,330
Environmental Data Validators		Data Validation		\$ 5,258
EDR				\$ 295
Nothnagle Drilling		Drilling		\$ 16,220
5	TOTAL UNIT PRICE SUBCONTRACTS	\$	46,083	✓
6	SUBCONTRACT MANAGEMENT FEE	\$	1,832	✓
7	TOTAL SUBCONTRACT COSTS (Lines 4 + 5 + 6)	\$	52,264	✓
8	FIXED FEE (Schedule 2.10(h))	\$	1,823	✓
9	TOTAL WORK ASSIGNMENT PRICE (Lines 1 + 2 + 3 + 7 + 8)	\$	102,185	✓

Engineer: Mactec Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Rolling Plains
Work Assignment Number: 5.1

Date Prepared: 12/20/06

Schedule 2.11(b)
Direct Labor Hours Budgeted

GRADE LEVEL	IX	VIII	VII	VI	V	IV	III	II	I	TOTAL
2006 Rates	\$60.73	\$52.35	\$45.56	\$42.71	\$38.03	\$32.82	\$26.98	\$23.16	\$20.02	
2007 Rates	\$62.55	\$53.92	\$46.93	\$43.99	\$39.17	\$33.80	\$27.79	\$23.85	\$20.62	
2008 Rates	\$64.43	\$55.54	\$48.33	\$45.31	\$40.35	\$34.82	\$28.62	\$24.57	\$21.24	
2009 Rates	\$66.36	\$57.20	\$49.78	\$46.67	\$41.56	\$35.86	\$29.48	\$25.31	\$21.88	
2010 Rates	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	
Task 1 - Work Plan Development										
2006 Hours	2	0	0	5	0	6	0	37	4	54
Total Hours	2	0	0	5	0	6	0	37	4	54
2006 Labor Cost	\$ 121.46	\$ -	\$ -	\$ 213.55	\$ -	\$ 196.92	\$ -	\$ 856.92	\$ 80.08	\$ 1,468.93
Total Labor Cost	\$ 121.46	\$ -	\$ -	\$ 213.55	\$ -	\$ 196.92	\$ -	\$ 856.92	\$ 80.08	\$ 1,468.93
Task 2 - Field Work										
2007 Hours	7	0	0	14	0	10	98	135	0	264
Total Hours	7	0	0	14	0	10	98	135	0	264
2007 Labor Cost	\$ 437.85	\$ -	\$ -	\$ 615.86	\$ -	\$ 338.00	\$ 2,723.42	\$ 3,219.75	\$ -	\$ 7,334.88
Total Labor Cost	\$ 437.85	\$ -	\$ -	\$ 615.86	\$ -	\$ 338.00	\$ 2,723.42	\$ 3,219.75	\$ -	\$ 7,334.88
Task 3 - Data Analyses / Report Preparation										
2007 Hours	6	0	0	10	0	25	0	126	10	177
Total Hours	6	0	0	10	0	25	0	126	10	177
2007 Labor Cost	\$ 375.30	\$ -	\$ -	\$ 439.90	\$ -	\$ 845.00	\$ -	\$ 3,005.10	\$ 206.20	\$ 4,871.50
Total Labor Cost	\$ 375.30	\$ -	\$ -	\$ 439.90	\$ -	\$ 845.00	\$ -	\$ 3,005.10	\$ 206.20	\$ 4,871.50
2006 Total Labor Hours	2	0	0	5	0	6	0	37	4	54
2006 Total Direct Labor Cost (\$)	\$ 121.46	\$ -	\$ -	\$ 213.55	\$ -	\$ 196.92	\$ -	\$ 856.92	\$ 80.08	\$ 1,468.93
2007 Total Labor Hours	13	0	0	24	0	35	98	261	10	441
2007 Total Direct Labor Cost (\$)	\$ 813.15	\$ -	\$ -	\$ 1,055.76	\$ -	\$ 1,183.00	\$ 2,723.42	\$ 6,224.85	\$ 206.20	\$ 12,206.38
TOTAL LABOR HOURS	15	0	0	29	0	41	98	298	14	495
TOTAL DIRECT LABOR COST	\$ 934.61	\$ -	\$ -	\$ 1,269.31	\$ -	\$ 1,379.92	\$ 2,723.42	\$ 7,081.77	\$ 286.28	\$ 13,675.31

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

1) Work Plan Development

- Conflict of Interest
- Develop budget schedules & supporting documentation
- 2) Review work assignment (WA) progress
 - Conduct progress reviews
 - Prepare monthly project report
 - Update WA progress schedule
 - Prepare monthly M/WBE Utilization Report
- 3) Review WA costs
 - Prepare monthly cost control report
 - Cost control reviews

Contract/Project administration hours would not include activities such as:

- 1) QA/QC reviews
- 2) Technical oversight by management
- 3) Develop subcontracts
- 4) CAP Preparation
 - Oversee and prepare monthly CAP
 - Respond to payment issues/disallowances
 - NSPE list updates
 - Equipment Inventory
- 5) Manage subcontracts
- 6) Implement and manage program management and staffing plans
- 7) Conduct Health and Safety Reviews
- 8) Word processing and graphic artists
- 9) Report editing
- 10) Review of deliverables

Engineer: Mactec Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Rolling Plains
Work Assignment Number: 5.1

Date Prepared: 12/20/06

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

GRADE/LEVEL	IX	VIII	VII	VI	V	IV	III	II	I	TOTAL
2006 Rates	\$60.73	\$52.35	\$45.56	\$42.71	\$38.03	\$32.82	\$26.98	\$23.16	\$20.02	
2007 Rates	\$62.55	\$53.92	\$46.93	\$43.99	\$39.17	\$33.80	\$27.79	\$23.85	\$20.62	
2008 Rates	\$64.43	\$55.54	\$48.33	\$45.31	\$40.35	\$34.82	\$28.62	\$24.57	\$21.24	
2009 Rates	\$66.36	\$57.20	\$49.78	\$46.67	\$41.56	\$35.86	\$29.48	\$25.31	\$21.88	
2010 Rates	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	
Task 1 - Work Plan Development										
2006 Hours	1	0	0	0	0	0	0	2	0	3
Total Hours	1	0	0	0	0	0	0	2	0	3
2006 Labor Cost	\$ 60.73	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 46.32	\$ -	107
Total Labor Cost	\$ 60.73	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 46.32	\$ -	\$ 107.05
Task 2 - Field Work										
2007 Hours	2	0	0	0	0	0	0	6	0	8
Total Hours	2	0	0	0	0	0	0	6	0	8
2007 Labor Cost	\$ 125.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 143.10	\$ -	268
Total Labor Cost	\$ 125.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 143.10	\$ -	\$ 268.20
Task 3 - Data Analyses / Report Preparation										
2007 Hours	2	0	0	0	0	0	0	6	0	8
Total Hours	2	0	0	0	0	0	0	6	0	8
2007 Labor Cost	\$ 125.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 143.10	\$ -	268
Total Labor Cost	\$ 125.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 143.10	\$ -	\$ 268.20
2006 Total Labor Hours	1	0	0	0	0	0	0	2	0	3
2006 Total Direct Labor Cost (\$)	\$ 60.73	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 46.32	\$ -	\$ 107.05
2007 Total Labor Hours	4	0	0	0	0	0	0	12	0	16
2007 Total Direct Labor Cost (\$)	\$ 250.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 286.20	\$ -	\$ 536.40
TOTAL LABOR HOURS	5	0	0	0	0	0	0	14	0	19
TOTAL DIRECT LABOR COST	\$ 310.93	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 332.52	\$ -	\$ 643.45

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

- 1) Work Plan Development
 - Conflict of Interest
 - Develop budget schedules & supporting documentation
- 2) Review work assignment (WA) progress
 - Conduct progress reviews
 - Prepare monthly project report
 - Update WA progress schedule
 - Prepare monthly M/WBE Utilization Repc
- 3) Review WA costs
 - Prepare monthly cost control report
 - Cost control reviews

Contract/Project administration hours would not include activities such as:

- 1) QA/QC reviews
- 2) Technical oversight by management
- 3) Develop subcontracts
- 4) CAP Preparation
 - Oversee and prepare monthly CAP
 - Respond to payment issues/disallowances
 - NSPE list updates
 - Equipment Inventory
- 5) Manage subcontracts
- 6) Implement and manage program management and staffing plans
- 7) Conduct Health and Safety Reviews
- 8) Word processing and graphic artists
- 9) Report editing
- 10) Review of deliverables

Engineer: Mactec Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Rolling Plains
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

**Schedule 2.11(c)
 Direct Non-Salary Costs**

Item	Maximum Reimbursement Rate	Unit	Estimated No. of Units	Total Estimated Cost
A) Sample Analysis Rates (In-House Cost Only)				
1) Groundwater	\$0.00	each	0	\$0.00
2) Soil Vapor	\$0.00	each	0	\$0.00
3) Sub-slab samples	\$0.00	each	0	\$0.00
TOTAL				\$0.00
B) Miscellaneous				
1) TRAVEL				
Lodging	\$ 90.72	night+taxes	21	\$ 1,905.12
Meals and Incidentals ¹	\$ 44.00	day	22	\$ 858.00
Car Rental	\$ 66.00	day	21	\$ 1,386.00
Cargo Van Rental	\$ -	day	0	\$ -
Mileage	\$ 0.445	mile	0	\$ -
LVE	\$ 10	person/day	22	\$ 220.00
Parking and Tolls	\$ 207.00	LS	1	\$ 207.00
Gas	Actual Costs	N/A	N/A	\$ 171.43
Air Fare	\$ 400	avg. RT price	4	\$ 1,600.00
TOTAL				\$6,347.55
2) CONSULTANT OTHER DIRECT COSTS				
Printing/Photocopy	\$0.05	page	10400	\$ 520.00
CAD Computer	\$7.50	hour	12	\$ 90.00
Telephone & Fax	Actual Costs	N/A	N/A	\$ 70.00
Shipping	Actual Costs	N/A	N/A	\$ 730.00
Consumables	Actual Costs	N/A	N/A	\$ 1,013.92
Other	\$0.00	N/A	N/A	\$ -
TOTAL				\$2,423.92
Total ODCs				\$8,771.47

Notes:

1. Total estimated cost for Meals and Incidentals adjusted to account for travel days.

Engineer: Mactec Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Rolling Plains
 Work Assignment Number: 5.1

Date Prepared:

12/20/06

Schedule 2.11(d) 3
Maximum Reimbursement Rates for Vendor Rented Equipment

(1) Item	(2) Task No.	(3) Max. Reimbursement Rate (\$)*	(4) Est. Usage (Unit of Time) +	(5) Est. Rental Cost (\$) (Col. 3 x 4)
Geopump	2	\$ 60.00	1 wk	\$ 60
Horibba U-22	2	\$ 240.00	2 wk	\$ 480
Turbidity Meter	2	\$ 64.00	2 wk	\$ 128
Radiodetection MGD-2002 Multi-Gas Loc	2	\$ 350.00	1 wk	\$ 350
				\$ -
Marshalk Bladder Pump	2	\$ 150.00	2 wk	\$ 300
MP-10 Control Box	2	\$ 225.00	2 wk	\$ 450
Regulator	2	\$ 25.00	2 wk	\$ 50
				\$ -
Trimble GPS unit	2	\$ 600.00	1 wk	\$ 600
Area Dust Monitor (Thermal MIE DR-4000	2	\$ 450.00	1 wk	\$ 450
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
Total Vendor Rented Equipment				\$ 2,868

Notes:

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

+ Usage time includes shipping to and from site.

Engineer: Mactec Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Rolling Plains
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

**Schedule 2.11(e)
 Cost-Plus-Fixed-Fee Subcontracts**

Field Work		Name of Subcontractor		Services to be Performed	Year	Subcontract Price
		Joseph Lu Engineers		Site Survey		\$ 4,349
A) Direct Salary Costs						Total Est. Direct Salary Cost
Professional Responsibility Level	Labor Grade	Ave. Reimbursement Rate (\$/hr)	Max. Reimbursement Rate (\$/hr)	Est. No. of Hours		(Ave. Reimb. Rate x Est. # of Hrs.)
Task 1 - Health & Safety Plan						
Mgt. Engineer	NSPE VIII	\$ 52.55		0	\$	-
Sr. Engineer	NSPE III	\$ 27.00		4	\$	108.00
Engr. Tech.	NSPE I	\$ 19.00		2	\$	38.00
Task 2 - Phase I Survey Services						
Mgt. Engineer	NSPE VIII	\$ 52.55		1	\$	52.55
Sr. Engineer	NSPE III	\$ 27.00		18	\$	486.00
Engr. Tech.	NSPE I	\$ 19.00		32	\$	608.00
Total Direct Salary Costs						\$ 1,293
B) Indirect Costs						
Indirect costs shall be paid based on a percentage of direct salary costs incurred which shall not exceed a maximum 145% or the actual rate calculated in accordance with 48 CFR Federal Acquisition Regulation, whichever is lower.						
Amount budgeted for indirect costs is:						\$ 1,874
C) Maximum Reimbursement Rates for Direct Non-Salary Costs						
Item	Max. Reimbursement Rate (Specify Unit)		Est. No. of Units	Total Est. Cost		
Travel						
Overnight Expenses	\$ 60.00	Night	0	\$	-	
Meals	\$ 39.00	Meals	0	\$	-	
Mileage	\$ 0.45	Mile	480	\$	213.60	
Supplies						
Postage	\$ 15.00	Lump Sum	0	\$	-	
Miscellaneous Expenses (incl. PP)	\$ 250.00	Lump Sum	1	\$	250.00	
Reproduction	\$ 0.04	Each Copy	60	\$	2.40	
GPS Equipment	\$ 400.00	Lump Sum	1	\$	400.00	
Total Direct Non-Salary Costs						\$ 866
D) Fixed Fee						
The fixed fee is: (10% of Total Direct and Indirect Salary Costs) See Schedule 2.10(h) for how the fixed fee should be claimed.						\$ 317

- 1) These rates will be held firm until October 31, 2006
 - 2) Reimbursement will be limited to the lesser of either the individuals 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 premium.
 - 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 labor rate paid, or the State M-6 job rate, whichever is lower.
 - 6) The maximum rates in each labor category can be modified only by mutual written agreement and approved by both the contractor and the Department.
 - 7) This Footnote applies to Schedules for years 4 through 7 only. If the U.S. cost-of-living index increases at a rate greater than 6% compounded annually, the maximum salary rates will be subject to renegotiation for future years of the contract. There shall be no retroactive adjustments of payment as a result of renegotiated salary schedules.
- Assumptions:**
- Samples as per workplan including 2 contingency subsurface soil samples
 - QA/QC sampling as per workplan
 - 2 rounds of site survey (1st round - certified boundary, 2 round - sample locations)
 - Septic sampling conducted during non freeze conditions
 - Drilling conducted when ground is frozen over.
 - Core sampler by driller
 - All laboratory analytical, IDW (investigation derived waste) and drillers costs will be provided by MACTEC

Engineer: Mactec Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Rolling Plains
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

Schedule 2.11(f)
 Unit Price Subcontracts

Field Work	2			
Name of Subcontractor	Service	Price	Management Fee	
woman owned buisness				
Geologic, NY	Drilling	\$ 5,980	\$ 239	✓
Item	Units	UOM	Unit Cost	Total Cost
Mobilization	1	each	\$ 200.00	\$ 200.00
Modified Level C personal protection		day	\$ 30.00	\$ -
Direct Push System - Truck Mounted	4	day	\$ 1,200.00	\$ 4,800.00
Temporary Decon Pad (Mobil)	1	each	\$ 100.00	\$ 100.00
				\$ -
				\$ -
Cost to supply USDOT 55 gallon drum	2	each	\$ 60.00	\$ 120.00
Goundwater sample with hydropunch	10	each	\$ 15.00	\$ 150.00
Soil gas sample with sealed sample point	4	each	\$ 15.00	\$ 60.00
Permitting - 1 hr per site	1	hr	\$ 50.00	\$ 50.00
Estimated drum removal cost	2	each	\$ 250.00	\$ 500.00
				\$ -
				\$ -
				\$ -

Subtotal Cost: \$ 5,980
 Management Fee: \$ 239
 Total: \$ 6,219 ✓

Engineer: Mactec Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Rolling Plains
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

Schedule 2.11(f)
 Unit Price Subcontracts

Field Work	2			
Name of Subcontractor	Service	Price	Management Fee	
minority owned buisness				
Chemtech Consulting Group	Laboratory	\$ 18,330	\$ 733	
Item	Units	UOM	Unit Cost	Total Cost
VOC-Soil- OLM04.3	50		\$ 90.00	\$ 4,500.00
Metals - Soil - ILM04.2	20		\$ 95.00	\$ 1,900.00
SVOC Soil - OLM04.3	20		\$ 190.00	\$ 3,800.00
Pest/PCB - OLM04.3	10		\$ 105.00	\$ 1,050.00
VOC-Groundwater- OLM04.3	20		\$ 90.00	\$ 1,800.00
SVOC Groundwater- OLM04.3	10		\$ 190.00	\$ 1,900.00
Metals - Soil - ILM04.2 (filtered)	10		\$ 95.00	\$ 950.00
Pest/PCB - OLM04.3	6		\$ 105.00	\$ 630.00
VOC-Surface Water- OLM04.3	5		\$ 90.00	\$ 450.00
VOC-Sediment- OLM04.3	5		\$ 90.00	\$ 450.00
VOC-Air- TO-15	5		\$ 180.00	\$ 900.00

Subtotal Cost: \$ 18,330
 Management Fee: \$ 733
 Total: \$ 19,063

Engineer: Mactec Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Rolling Plains
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

Schedule 2.11(f)
 Unit Price Subcontracts

Field Work				
Name of Subcontractor	Service	Price	Management Fee	
minority owned buisness				
Environmental Data Validators	Data Validation	\$ 5,258	\$ 210	✓
Item	Units	UOM	Unit Cost	Total Cost
VOC-Soil- OLM04.3	75		\$ 26.25	\$ 1,968.75
Metals - Soil - ILM04.2	25		\$ 27.30	\$ 682.50
SVOC Soil - OLM04.3	25		\$ 29.40	\$ 735.00
Pest/PCB - OLM04.3	10		\$ 24.15	\$ 241.50
VOC-Groundwater- OLM04.3	20		\$ 26.25	\$ 525.00
Metals - Soil - ILM04.2 (filtered)	10		\$ 27.30	\$ 273.00
SVOC Soil - OLM04.3	10		\$ 29.40	\$ 294.00
Pest/PCB - OLM04.3	6		\$ 24.15	\$ 144.90
VOC-Surface Water- OLM04.3	5		\$ 26.25	\$ 131.25
VOC-Sediment- OLM04.3	5		\$ 26.25	\$ 131.25
VOC-Air- TO-15	5		\$ 26.25	\$ 131.25

Subtotal Cost: \$ 5,258
 Management Fee: \$ 210
 Total: \$ 5,469 ✓

Date Prepared: 12/20/06

OK

✓

P:\Projects\nysdec1\projects\Region_8_Dry_Cleaners_II\4.0_Deliverables\4.2_Work_Plans\PMWP Ammendment 1\Rolling_plains_Cost_Template_update_10
30.xls

Engineer: Mactec Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Rolling Plains
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

Schedule 2.11(f)
 Unit Price Subcontracts

Field Work	2			
neither minority or woman owned business				
Nothnagle Drilling	Drilling		\$ 16,220.00	\$ 648.80
Item	Units	UOM	Unit Cost	Total Cost
Mobilization	800	\$/ls	\$1	\$ 800.00
4.25-Inch ID Hollow Stem Augers	10	\$/lf.	\$150	\$ 1,500.00
Split Spoon -2.0-inch OD	10	\$/ea.	\$15	\$ 150.00
PVC Well Screen, 2.0-inch ID, #10 Slot, schdl 40.	14	\$/lf.	\$40	\$ 560.00
PVC Well Riser, 2.0-inch ID, Schdl 40.	8	\$/lf.	\$270	\$ 2,160.00
Well Screen Sand Pack For 2.0-Inch Monitoring				
Well Set in 4.25-Inch Hollow Stem Augers (0-50 ft).	7.5	\$/lf.	\$36	\$ 270.00
Well Screen Sand Pack For 2.0-Inch Monitoring				
Well Set in 4.25-Inch Hollow Stem Augers (100+ ft).	9	\$/lf.	\$12	\$ 108.00
Seal for 2.0-Inch Monitoring Well Set in				
4.25-Inch Hollow Stem Augers (0-50 ft).	22	\$/lf.	\$9	\$ 198.00
Seal for 2.0-Inch Monitoring Well Set in				
4.25-Inch Hollow Stem Augers (100+ ft).	23	\$/lf.	\$3	\$ 69.00
Riser Backfill -bent/grt for 2.0-Inch Monitoring				
Well Set in 4.25-Inch Hollow Stem Augers (0-50 ft).	7	\$/lf.	\$155	\$ 1,085.00
Riser Backfill -bent/grt for 2.0-Inch Monitoring				
Well Set in 4.25-Inch Hollow Stem Augers (100+ft).	8	\$/lf.	\$50	\$ 400.00
Riser Backfill -bent/grt for 2.0-Inch Monitoring.				
Well Set in 4.25-Inch Hollow Stem Augers (100+ ft).	8.5	\$/lf.	\$40	\$ 340.00
6.0-foot Protective Casing, 4.0-inch ID, with				
Locking Cover, Drain Hole, and Concrete Apron.	150	\$/ea.	\$4	\$ 600.00
Supply Clean DOT-Approved 55-gallon Drums.	30	\$/ea.	\$10	\$ 300.00
Moving 55-gallon Drums to Borehole; Filling, transp.	25	\$/ea.	\$10	\$ 250.00
Develop-2-inch Wells by Pump and Surge Method.	130	\$/hr.	\$8	\$ 1,040.00
Construction of One (1) Steam-Cleaning Pad	250	\$/ls.	\$1	\$ 250.00
Decontamination of Drill Rig, Tools, and All				
Other Equipment Between Borings.	130	\$/hr.	\$6	\$ 780.00
Stand-by Time.	130	\$/hr.	\$2	\$ 260.00
Hydro-Punch.	150	\$/lf.	\$5	\$ 750.00
6-inch OD ODEX Rotary Drilling.	29	\$/lf.	\$150	\$ 4,350.00

Subtotal Cost: \$ 16,220
 Management Fee: \$ 649
 Total: \$ 16,869

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: Mactec Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Rolling Plains
Work Assignment Number: 5.1
Task #/Name: All Tasks
Complete: 0.0%

Page: 1 OF 4
Date Prepared: 12/20/06
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 Compleior	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,675	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,783	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 36,458	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,348	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,292	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,639	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 52,264	\$ -
8. Total Site Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,362	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,823	\$ -
10. Total Site Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 102,185	\$ -

Program Manager (Engineer) _____

Date: _____

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: Mactec Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Rolling Plains
Work Assignment Number: 5.1
Task #/Name: Task 1 - Work Plan Development
Complete: 0.0%

Page: 2 OF 4
Date Prepared: 12/20/06
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 Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 1,469	\$ 1,469	\$ 1,469	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ 2,447	\$ 2,447	\$ 2,447	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,916	\$ 3,916	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ 392	\$ 392	\$ 392	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 465	\$ 465	\$ 465	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 857	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ 295	\$ 295	\$ 295	\$ -
8. Total Task Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,068	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ 196	\$ 196	\$ 196	\$ -
10. Total Task Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,264	\$ -

Program Manager (Engineer) _____

Date: _____

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: Mactec Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Rolling Plains
Work Assignment Number: 5.1
Task #/Name: Task 2 - Field Work
Complete: 0.0%

Page: 3 OF 4
Date Prepared: 12/20/06
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 Completor	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 7,335	\$ 7,335	\$ 7,335	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ 12,220	\$ 12,220	\$ 12,220	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,555	\$ 19,555	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ 5,956	\$ 5,956	\$ 5,956	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 4,362	\$ 4,362	\$ 4,362	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,318	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ 51,969	\$ 51,969	\$ 51,969	\$ -
8. Total Task Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 81,842	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ 978	\$ 978	\$ 978	\$ -
10. Total Task Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 82,819	\$ -

Program Manager (Engineer) _____

Date: _____

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: Mactec Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Rolling Plains
Work Assignment Number: 5.1
Task #/Name: Task 3 - Data Analyses / Report Preparation
Complete: 0.0%

Page: 4 OF 4
Date Prepared: 12/20/06
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 Completor	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 4,872	\$ 4,872	\$ 4,872	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ 8,116	\$ 8,116	\$ 8,116	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,987	\$ 12,987	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 465	\$ 465	\$ 465	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 465	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8. Total Task Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,452	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ 649	\$ 649	\$ 649	\$ -
10. Total Task Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,102	\$ -

Program Manager (Engineer) _____

Date: _____

**Schedule 2.11(g) - Supplemental
COST CONTROL REPORT FOR SUBCONTRACTS**

Engineer: Mactec Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Rolling Plains
Work Assignment Number: 5.1

Page 1 of 2
Date Prepared: 12/20/06
Billing Period:
Invoice No.



Work Plan Development ▼

Subcontract Name	A Subcontract Costs Claimed This Application Incl. Resubmittals	B Subcontract Costs Approved For Payment on Previous Applications	C Total Subcontract Costs To Date (A plus B)	D Subcontract Approved Budget	E Management Fee Budget	F Management Fee Paid	G Total Costs To Date (C plus E)
			\$ -	\$ -	\$ -		\$ -
			\$ -	\$ -	\$ -		\$ -
			\$ -	\$ -	\$ -		\$ -
			\$ -	\$ -	\$ -		\$ -
			\$ -	\$ -	\$ -		\$ -
EDR			\$ -	\$ 295.00	\$ -		\$ -
			\$ -	\$ -	\$ -		\$ -
TOTALS	\$ -	\$ -	\$ -	\$ 295.00	\$ -	\$ -	\$ -

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(g) - Supplemental
COST CONTROL REPORT FOR SUBCONTRACTS

Engineer: Mactec Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Rolling Plains
Work Assignment Number: 5.1

Page 2 of 2
Date Prepared: 12/20/06
Billing Period:
Invoice No.



Field Work

Subcontract Name	A Subcontract Costs Claimed This Application Incl. Resubmittals	B Subcontract Costs Approved For Payment on Previous Applications	C Total Subcontract Costs To Date (A plus B)	D Subcontract Approved Budget	E Management Fee Budget	F Management Fee Paid	G Total Costs To Date (C plus F)
Joseph Lu Engineers			\$ -	\$ 4,349.42	\$ -		\$ -
			\$ -	\$ -	\$ -		\$ -
			\$ -	\$ -	\$ -		\$ -
Geologic, NY			\$ -	\$ 5,980.00	\$ 239.20		\$ -
Chemtech Consulting Group			\$ -	\$ 18,330.00	\$ 733.20		\$ -
Environmental Data Validators			\$ -	\$ 5,258.40	\$ 210.34		\$ -
			\$ -	\$ -	\$ -		\$ -
Nothnagle Drilling			\$ -	\$ 16,220.00	\$ 648.80		\$ -
TOTALS	\$ -	\$ -	\$ -	\$ 50,137.82	\$ 1,831.54	\$ -	\$ -

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 COST CONTROL REPORT
SUMMARY OF LABOR HOURS

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

Engineer: Mactec Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Rolling Plains
Work Assignment Number: 5.1

Date Prepared: 12/20/06
Billing Period:
Invoice #:

NSPE Labor Classification	IX Exp/Est		VIII Exp/Est		VII Exp/Est		VI Exp/Est		V Exp/Est		IV Exp/Est		III Exp/Est		II Exp/Est		I Exp/Est		Total No. of Direct Labor Hours Exp/Est	
Task 1 - Work Plan Development	0.0	2	0.0	0	0.0	0	0.0	5	0.0	0	0.0	6	0.0	0	0.0	37	0.0	4	0.0	54
Task 2 - Field Work	0.0	7	0.0	0	0.0	0	0.0	14	0.0	0	0.0	10	0.0	98	0.0	135	0.0	0	0.0	264
Task 3 - Data Analyses / Report Preparation	0.0	6	0.0	0	0.0	0	0.0	10	0.0	0	0.0	25	0.0	0	0.0	126	0.0	10	0.0	177
Task 4 -	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	0.0	0
Task 5 -	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	0.0	0
Task 6 -	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	0.0	0
Task 7 -	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	0.0	0
Task 8 -	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	0.0	0
Total Hours	0.0	15	0.0	0	0.0	0	0.0	29	0.0	0	0.0	41	0.0	98	0.0	298	0.0	14	0.0	495

* Expended/Estimated

Engineer: MACTEC Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Hts Cleaners
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

**Schedule 2.11(a)
 Summary of Work Assignment Price**

1	DIRECT SALARY COSTS (Schedules 2.10(a) and 2.11 (b))	\$	11,890
2	INDIRECT COSTS (Schedule 2.10(g))	\$	19,808
3	DIRECT NON-SALARY COSTS (Schedules 2.10(d)(e)(f) and 2.11 (c) and (d))	\$	5,503
SUBCONTRACT COSTS COST-PLUS-FIXED-FEE SUBCONTRACTS (Schedule 2.11(e))			
Name of Subcontractor		Services to be Performed	Subcontract Price
Joseph Lu Engineers		Site Survey	\$ 7,393
			\$ -
			\$ -
4	TOTAL COST-PLUS-FIXED-FEE SUBCONTRACTS	\$	7,393
UNIT PRICE SUBCONTRACTS (Schedule 2.11(f))			
Name of Subcontractor		Services to be Performed	Subcontract Price
Geologic, NY		Drilling	\$ 8,760
Chemtech Consulting Group.		Laboratory	\$ 8,830
Environmental Data Validators, Inc.		Data Validation	\$ 2,080
			\$ -
5	TOTAL UNIT PRICE SUBCONTRACTS	\$	19,670
6	SUBCONTRACT MANAGEMENT FEE	\$	787
7	TOTAL SUBCONTRACT COSTS (Lines 4 + 5 + 6)	\$	27,849
8	FIXED FEE (Schedule 2.10(h))	\$	1,585
9	TOTAL WORK ASSIGNMENT PRICE (Lines 1 + 2 + 3 + 7 + 8)	\$	66,635

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Hts Cleaners
Work Assignment Number: 5.1

Date Prepared: 12/20/06

Schedule 2.11(b)
Direct Labor Hours Budgeted

GRADE LEVEL	IX	VIII	VII	VI	V	IV	III	II	I	TOTAL
2006 Rates	\$60.73	\$52.35	\$45.56	\$42.71	\$38.03	\$32.82	\$26.98	\$23.16	\$22.18	
2007 Rates	\$62.55	\$53.92	\$46.93	\$43.99	\$39.17	\$33.80	\$27.79	\$23.85	\$20.62	
2008 Rates	\$64.43	\$55.54	\$48.33	\$45.31	\$40.35	\$34.82	\$28.62	\$24.57	\$21.24	
2009 Rates	\$66.36	\$57.20	\$49.78	\$46.67	\$41.56	\$35.86	\$29.48	\$25.31	\$21.88	
2010 Rates	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	
Task 2 - Field Work										
2007 Hours	6	0	0	18	0	10	78	112	0	224
Total Hours	6	0	0	18	0	10	78	112	0	224
2007 Labor Cost	\$ 375.30	\$ -	\$ -	\$ 791.82	\$ -	\$ 338.00	\$ 2,167.62	\$ 2,671.20	\$ -	\$ 6,343.94
Total Labor Cost	\$ 375.30	\$ -	\$ -	\$ 791.82	\$ -	\$ 338.00	\$ 2,167.62	\$ 2,671.20	\$ -	\$ 6,343.94
Task 3 - Data Analyses / Report Preparation										
2007 Hours	6	0	0	10	0	25	0	156	8	205
Total Hours	6	0	0	10	0	25	0	156	8	205
2007 Labor Cost	\$ 375.30	\$ -	\$ -	\$ 439.90	\$ -	\$ 845.00	\$ -	\$ 3,720.60	\$ 164.96	\$ 5,545.76
Total Labor Cost	\$ 375.30	\$ -	\$ -	\$ 439.90	\$ -	\$ 845.00	\$ -	\$ 3,720.60	\$ 164.96	\$ 5,545.76
2007 Total Labor Hours	12	0	0	28	0	35	78	268	8	429
2007 Total Direct Labor Cost (\$)	\$ 750.60	\$ -	\$ -	\$ 1,231.72	\$ -	\$ 1,183.00	\$ 2,167.62	\$ 6,391.80	\$ 164.96	\$ 11,889.70
TOTAL LABOR HOURS	12	0	0	28	0	35	78	268	8	429
TOTAL DIRECT LABOR COST	\$ 750.60	\$ -	\$ -	\$ 1,231.72	\$ -	\$ 1,183.00	\$ 2,167.62	\$ 6,391.80	\$ 164.96	\$ 11,889.70

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

- | | |
|--|--|
| 1) Work Plan Development
- Conflict of Interest
- Develop budget schedules & supporting documentation
2) Review work assignment (WA) progress
- Conduct progress reviews
- Prepare monthly project report
- Update WA progress schedule
- Prepare monthly M/WBE Utilization Report
3) Review WA costs
- Prepare monthly cost control report
- Cost control reviews | Contract/Project administration hours would not include activities such as:
1) QA/QC reviews
2) Technical oversight by management
3) Develop subcontracts
4) CAP Preparation
- Oversee and prepare monthly CAP
- Respond to payment issues/disallowances
- NSPE list updates
- Equipment Inventory
5) Manage subcontracts |
|--|--|

- | |
|--|
| 6) Implement and manage program management and staffing plans
7) Conduct Health and Safety Reviews
8) Word processing and graphic artists
9) Report editing
10) Review of deliverables |
|--|

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Hts Cleaners
Work Assignment Number: 5.1

Date Prepared: 12/20/06

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

GRADE LEVEL	IX	VIII	VII	VI	V	IV	III	II	I	TOTAL
2006 Rates	\$60.73	\$52.35	\$45.56	\$42.71	\$38.03	\$32.82	\$26.98	\$23.16	\$22.18	
2007 Rates	\$62.55	\$53.92	\$46.93	\$43.99	\$39.17	\$33.80	\$27.79	\$23.85	\$20.62	
2008 Rates	\$64.43	\$55.54	\$48.33	\$45.31	\$40.35	\$34.82	\$28.62	\$24.57	\$21.24	
2009 Rates	\$66.36	\$57.20	\$49.78	\$46.67	\$41.56	\$35.86	\$29.48	\$25.31	\$21.88	
2010 Rates	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	
Task 2 - Field Work										
2007 Hours	2	0	0	0	0	0	0	6	0	8
Total Hours	2	0	0	0	0	0	0	6	0	8
2007 Labor Cost	\$ 125.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 143.10	\$ -	268
Total Labor Cost	\$ 125.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 143.10	\$ -	\$ 268.20
Task 3 - Data Analyses / Report Preparation										
2007 Hours	2	0	0	0	0	0	0	6	0	8
Total Hours	2	0	0	0	0	0	0	6	0	8
2007 Labor Cost	\$ 125.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 143.10	\$ -	268
Total Labor Cost	\$ 125.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 143.10	\$ -	\$ 268.20
2007 Total Labor Hours	4	0	0	0	0	0	0	12	0	16
2007 Total Direct Labor Cost (\$)	\$ 250.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 286.20	\$ -	\$ 536.40
TOTAL LABOR HOURS	4	0	0	0	0	0	0	12	0	16
TOTAL DIRECT LABOR COST	\$ 250.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 286.20	\$ -	\$ 536.40

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

- 1) Work Plan Development
 - Conflict of Interest
 - Develop budget schedules & supporting documentation
- 2) Review work assignment (WA) progress
 - Conduct progress reviews
 - Prepare monthly project report
 - Update WA progress schedule
 - Prepare monthly M/WBE Utilization Repc
- 3) Review WA costs
 - Prepare monthly cost control report
 - Cost control reviews

Contract/Project administration hours would not include activities such as:

- 1) QA/QC reviews
- 2) Technical oversight by management
- 3) Develop subcontracts
- 4) CAP Preparation
 - Oversee and prepare monthly CAP
 - Respond to payment issues/disallowances
 - NSPE list updates
 - Equipment Inventory
- 5) Manage subcontracts
- 6) Implement and manage program management and staffing plans
- 7) Conduct Health and Safety Reviews
- 8) Word processing and graphic artists
- 9) Report editing
- 10) Review of deliverables

Engineer: MACTEC Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Hts Cleaners
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

same

**Schedule 2.11(c)
 Direct Non-Salary Costs**

Item	Maximum Reimbursement Rate	Unit	Estimated No. of Units	Estimated Total Cost
A) Sample Analysis Rates (In-House Cost Only)				
1) Groundwater	\$0.00	each	0	\$0.00
2) Soil Vapor	\$0.00	each	0	\$0.00
3) Sub-slab samples	\$0.00	each	0	\$0.00
TOTAL				\$0.00
B) Miscellaneous				
1) TRAVEL				
Lodging	\$ 66.60	night+taxes	8	\$ 532.80
Meals and Incidentals ¹	\$ 39.00	day	8	\$ 273.00
Car Rental	\$ 66.00	day	8	\$ 528.00
Cargo Van Rental	\$ -	day	0	\$ -
Mileage	\$ 0.445	mile	0	\$ -
Parking and Tolls	\$ 56.00	LS	1	\$ 56.00
Gas	Actual Costs	N/A	N/A	\$ 71.43
Air Fare	\$ 200	avg. RT price	3	\$ 600.00
TOTAL				\$2,061.23
2) CONSULTANT OTHER DIRECT COSTS				
Printing/Photocopy	\$0.05	page	5400	\$ 270.00
CAD Computer	\$7.50	hour	6	\$ 45.00
Telephone & Fax	Actual Costs	N/A	N/A	\$ 50.00
Shipping	Actual Costs	N/A	N/A	\$ 580.00
Consumables	Actual Costs	N/A	N/A	\$ 1,182.50
Other	\$0.00	N/A	N/A	\$ -
TOTAL				\$2,127.50
Total ODCs				\$4,188.73

Notes:

1. Total estimated cost for Meals and Incidentals adjusted to account for travel days.

12/20/06

[illegible]

+ Usage time includes shipping to and from site.

Same

Engineer: MACTEC Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Hts Cleaners
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

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

Same

Name of Subcontractor		Services to be Performed		Year	Subcontract Price
Joseph Lu Engineers		Site Survey		2006	\$ 7,393
A) Direct Salary Costs					
Professional Responsibility Level	Labor Grade	Ave Reimbursement Rate (\$/hr)	Max Reimbursement Rate (\$/hr)	Est. No. of Hours	Total Est. Direct Salary Cost (Ave. Reimb. Rate x Est. # of Hrs.)
Task 1 - Health & Safety Plan					
Mgt. Engineer	NSPE VIII	\$ 52.55		0	\$ -
Sr. Engineer	NSPE III	\$ 27.00		4	\$ 108.00
Engr. Tech.	NSPE I	\$ 19.00		2	\$ 38.00
Task 2 - Phase I Survey Services					
Mgt. Engineer	NSPE VIII	\$ 52.55		1	\$ 52.55
Sr. Engineer	NSPE III	\$ 27.00		32	\$ 864.00
Engr. Tech.	NSPE I	\$ 19.00		57	\$ 1,083.00
Total Direct Salary Costs					\$ 2,146
B) Indirect Costs					
Indirect costs shall be paid based on a percentage of direct salary costs incurred which shall not exceed a maximum 145% or the actual rate calculated in accordance with 48 CFR Federal Acquisition Regulation, whichever is lower.					
Amount budgeted for indirect costs is:					\$ 3,111
C) Maximum Reimbursement Rates for Direct Non-Salary Costs					
Item	Max. Reimbursement Rate (Specify Unit)	Est. No. of Units	Total Est. Cost		
Travel					
Overnight Expenses	\$ 60.00 Night	4	\$ 240.00		
Meals	\$ 39.00 Meals	6	\$ 234.00		
Mileage	\$ 0.45 Mile	1200	\$ 534.00		
Supplies					
Postage	\$ 15.00 Lump Sum	0	\$ -		
Miscellaneous Expenses (incl. PP)	\$ 200.00 Lump Sum	1	\$ 200.00		
Reproduction	\$ 0.04 Each Copy	60	\$ 2.40		
GPS Equipment	\$ 400.00 Lump Sum	1	\$ 400.00		
Total Direct Non-Salary Costs					\$ 1,610
D) Fixed Fee					
The fixed fee is: (10% of Total Direct and Indirect Salary Costs) See Schedule 2.10(h) for how the fixed fee should be claimed.					\$ 526

- These rates will be held firm until October 31, 2006
- Reimbursement will be limited to the lesser of either the individuals actual hourly rate or the maximum rate for each labor category.
- Reimbursement will be limited to the maximum reimbursement rate for the professional responsibility level of the actual work performed.
- Only those labor classifications indicated with an asterisk will be entitled to overtime premium.
- Reimbursement for technical time of principals, owners and officers will be limited to the maximum reimbursement rate of that labor category, the actual hourly labor rate paid, or the State M-6 job rate, whichever is lower.
- The maximum rates in each labor category can be modified only by mutual written agreement and approved by both the contractor and the Department.
- This Footnote applies to Schedules for years 4 through 7 only. If the U.S. cost-of-living index increases at a rate greater than 6% compounded annually, the maximum salary rates will be subject to renegotiation for future years of the contract. There shall be no retroactive adjustments of payment as a result of renegotiated salary schedules.

Assumptions:

- Samples as per workplan including 2 contingency subsurface soil samples
- QA/QC sampling as per workplan
- 2 rounds of site survey (1st round - certified boundary, 2 round -sample locations)
- Septic sampling conducted during non freeze conditions
- Drilling conducted when ground is frozen over.
- Core sampler by driller
- All laboratory analytical, IDW (investigation derived waste) and drillers costs will be provided by MACTEC

Engineer: MACTEC Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Hts Cleaners
 Work Assignment Number: 5.1

Date Prepared:

12/20/06

Same

Schedule 2.11(f)
 Unit Price Subcontracts

Field Work				
Name of Subcontractor		Service	Price	Management Fee
woman owned buisness				
Geologic, NY		Drilling	\$ 8,760	\$ 350
Item	Units	UOM	Unit Cost	Total Cost
Mobilization	1	each	\$ 200.00	\$ 200.00
Modified Level C personal protection		day	\$ 30.00	\$ -
Direct Push System - Truck Mounted	5	day	\$ 1,200.00	\$ 6,000.00
Temporary Decon Pad (Mobil)	1	each	\$ 100.00	\$ 100.00
Piezometer installed in direct push hole - 1" diam	100	foot	\$ 7.00	\$ 700.00
6" steel flush mounted vault w/water tight seal	4	each	\$ 100.00	\$ 400.00
Cost to supply USDOT 55 gallon drum	2	each	\$ 60.00	\$ 120.00
Goundwater sample with hydropunch	40	each	\$ 15.00	\$ 600.00
Soil gas sample with sealed sample point	4	each	\$ 15.00	\$ 60.00
Concrete	2	each	\$ 10.00	\$ 20.00
Asphalt patch	1	each	\$ 10.00	\$ 10.00
Permitting - 1 hr per site	1	hr	\$ 50.00	\$ 50.00
Estimated drum removal cost	2	each	\$ 250.00	\$ 500.00

Subtotal Cost: \$ 8,760.00
 Management Fee: \$ 350.40
 Total: \$ 9,110.40

12/20/06

Same

Subtotal Cost:	\$	8,830
Management Fee:	\$	353
Total:	\$	9,183

Engineer: MACTEC Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Hts Cleaners
 Work Assignment Number: 5.1

Date Prepared:

12/20/06

same

Schedule 2.11(f)
 Unit Price Subcontracts

Field Work				
Name of Subcontractor	Service	Price	Management Fee	
woman owned buisness				
Environmental Data Validators, Inc.	Data Validation	\$ 2,080	\$ 83	
Item	Units	UOM	Unit Cost	Total Cost
VOC-Soil- OLM04.2	7		\$ 25.00	\$ 175.00
			\$ 28.00	
VOC-Groundwater- OLM04.2	60		\$ 25.00	\$ 1,500.00
SVOC Groundwater- OLM04.2	10		\$ 28.00	\$ 280.00
VOC-Air- TO-15	5		\$ 25.00	\$ 125.00

Subtotal Cost: \$ 2,080.00
 Management Fee: \$ 83.20
 Total: \$ 2,163.20

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Hts Cleaners
Work Assignment Number: 5.1
Task #/Name: All Tasks
Complete: 0.0%

Page: 1 OF 3
Date Prepared: 12/20/06
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 Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,890	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,808	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 31,698	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,061	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,442	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,503	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 27,849	\$ -
8. Total Site Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 65,051	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,585	\$ -
10. Total Site Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 66,635	\$ -

Program Manager (Engineer)

Date:

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Hts Cleaners
Work Assignment Number: 5.1
Task #/Name: Task 2 - Field Work
Complete: 0.0%

Page: 2 OF 3
Date Prepared: 12/20/06
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 Completor	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 6,344	\$ 6,344	\$ 6,344	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ 10,569	\$ 10,569	\$ 10,569	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,913	\$ 16,913	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ 2,061	\$ 2,061	\$ 2,061	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 2,977	\$ 2,977	\$ 2,977	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,038	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ 27,849	\$ 27,849	\$ 27,849	\$ -
8. Total Task Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 49,800	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ 846	\$ 846	\$ 846	\$ -
10. Total Task Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,646	\$ -

Program Manager (Engineer) _____

Date: _____

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Hts Cleaners
Work Assignment Number: 5.1
Task #/Name: Task 3 - Data Analyses / Report Preparation
Complete: 0.0%

Page: 3 OF 3
Date Prepared: 12/20/06
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 Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 5,546	\$ 5,546	\$ 5,546	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ 9,240	\$ 9,240	\$ 9,239	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,786	\$ 14,785	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 465	\$ 465	\$ 465	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 465	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8. Total Task Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,250	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ 739	\$ 739	\$ 739	\$ -
10. Total Task Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,989	\$ -

Program Manager (Engineer) _____

Date: _____

**Schedule 2.11(g) - Supplemental
COST CONTROL REPORT FOR SUBCONTRACTS**

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Hts Cleaners
Work Assignment Number: 5.1

Page 1 of 1
Date Prepared: 12/20/06
Billing Period:
Invoice No.

Same

Field Work

Subcontract Name	A Subcontract Costs Claimed This Application Inc. Resubmittals	B Subcontract Costs Approved For Payment on Previous Applications	C Total Subcontract Costs To Date (A plus B)	D Subcontract Approved Budget	E Management Fee Budget	F Management Fee Paid	G Total Costs To Date (C plus F)
Joseph Lu Engineers			\$ -	\$ 7,392.66	\$ -		\$ -
			\$ -	\$ -	\$ -		\$ -
			\$ -	\$ -	\$ -		\$ -
Geologic, NY			\$ -	\$ 8,760.00	\$ 350.40		\$ -
Chemtech Consulting Group.			\$ -	\$ 8,830.00	\$ 353.20		\$ -
Environmental Data Validators, Inc.			\$ -	\$ 2,080.00	\$ 83.20		\$ -
			\$ -	\$ -	\$ -		\$ -
TOTALS	\$ -	\$ -	\$ -	\$ 27,062.66	\$ 786.80	\$ -	\$ -

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 COST CONTROL REPORT
SUMMARY OF LABOR HOURS

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

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Hts Cleaners
Work Assignment Number: 5.1

Date Prepared: 12/20/06
Billing Period:
Invoice #:

NSPE Labor Classification	IX Exp/Est*		VIII Exp/Est		VII Exp/Est		VI Exp/Est		V Exp/Est		IV Exp/Est		III Exp/Est		II Exp/Est		I Exp/Est		Total No. of Direct Labor Hours Exp/Est	
Task 2 - Field Work	0.0	6	0.0	0	0.0	0	0.0	18	0.0	0	0.0	10	0.0	78	0.0	112	0.0	0	0.0	224
Task 3 - Data Analyses / Report Preparation	0.0	6	0.0	0	0.0	0	0.0	10	0.0	0	0.0	25	0.0	0	0.0	156	0.0	8	0.0	205
Task 4 -	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	0.0	0
Task 5 -	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	0.0	0
Task 6 -	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	0.0	0
Task 7 -	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	0.0	0
Task 8 -	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	0.0	0
Total Hours	0.0	12	0.0	0	0.0	0	0.0	28	0.0	0	0.0	35	0.0	78	0.0	268	0.0	8	0.0	429

* Expended/Estimated

Engineer: MACTEC Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Ruddicks Cleaners
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

**Schedule 2.11(a)
 Summary of Work Assignment Price**

1	DIRECT SALARY COSTS (Schedules 2.10(a) and 2.11 (b))	\$	11,668
2	INDIRECT COSTS (Schedule 2.10(g))	\$	19,439
3	DIRECT NON-SALARY COSTS (Schedules 2.10(d)(e)(f) and 2.11 (c) and (d))	\$	4,786
<u>SUBCONTRACT COSTS</u> <u>COST-PLUS-FIXED-FEE SUBCONTRACTS</u> (Schedule 2.11(e))			
	Name of Subcontractor	Services to be Performed	Subcontract Price
	Joseph Lu Engineers	Site Survey	\$ 7,393
			\$ -
			\$ -
4	TOTAL COST-PLUS-FIXED-FEE SUBCONTRACTS	\$	7,393
<u>UNIT PRICE SUBCONTRACTS</u> (Schedule 2.11(f))			
	Name of Subcontractor	Services to be Performed	Subcontract Price
	Geologic, NY	Drilling	\$ 8,760
	Chemtech Consulting Group.	Laboratory	\$ 8,110
	Environmental Data Validators, Inc.	Data Validation	\$ 1,880
			\$ -
5	TOTAL UNIT PRICE SUBCONTRACTS	\$	18,750
6	SUBCONTRACT MANAGEMENT FEE	\$	750
7	TOTAL SUBCONTRACT COSTS (Lines 4 + 5 + 6)	\$	26,893
8	FIXED FEE (Schedule 2.10(h))	\$	1,555
9	TOTAL WORK ASSIGNMENT PRICE (Lines 1 + 2 + 3 + 7 + 8)	\$	64,342

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Ruddicks Cleaners
Work Assignment Number: 5.1

Date Prepared: 12/20/06

Schedule 2.11(b)
Direct Labor Hours Budgeted

GRADE LEVEL	IX	VIII	VII	VI	V	IV	III	II	I	TOTAL
2006 Rates	\$60.73	\$52.35	\$45.56	\$42.71	\$38.03	\$32.82	\$26.98	\$23.16	\$22.18	
2007 Rates	\$62.55	\$53.92	\$46.93	\$43.99	\$39.17	\$33.80	\$27.79	\$23.85	\$20.62	
2008 Rates	\$64.43	\$55.54	\$48.33	\$45.31	\$40.35	\$34.82	\$28.62	\$24.57	\$21.24	
2009 Rates	\$66.36	\$57.20	\$49.78	\$46.67	\$41.56	\$35.86	\$29.48	\$25.31	\$21.88	
2010 Rates	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	
Task 2 - Field Work										
2007 Hours	6	0	0	24	0	10	88	80	0	208
Total Hours	6	0	0	24	0	10	88	80	0	208
2007 Labor Cost	\$ 375.30	\$ -	\$ -	\$ 1,055.76	\$ -	\$ 338.00	\$ 2,445.52	\$ 1,908.00	\$ -	\$ 6,122.58
Total Labor Cost	\$ 375.30	\$ -	\$ -	\$ 1,055.76	\$ -	\$ 338.00	\$ 2,445.52	\$ 1,908.00	\$ -	\$ 6,122.58
Task 3 - Data Analyses / Report Preparation										
2007 Hours	6	0	0	10	0	25	0	156	8	205
Total Hours	6	0	0	10	0	25	0	156	8	205
2007 Labor Cost	\$ 375.30	\$ -	\$ -	\$ 439.90	\$ -	\$ 845.00	\$ -	\$ 3,720.60	\$ 164.96	\$ 5,545.76
Total Labor Cost	\$ 375.30	\$ -	\$ -	\$ 439.90	\$ -	\$ 845.00	\$ -	\$ 3,720.60	\$ 164.96	\$ 5,545.76
2007 Total Labor Hours	12	0	0	34	0	35	88	236	8	413
2007 Total Direct Labor Cost (\$)	\$ 750.60	\$ -	\$ -	\$ 1,495.66	\$ -	\$ 1,183.00	\$ 2,445.52	\$ 5,628.60	\$ 164.96	\$ 11,668.34
TOTAL LABOR HOURS	12	0	0	34	0	35	88	236	8	413
TOTAL DIRECT LABOR COST	\$ 750.60	\$ -	\$ -	\$ 1,495.66	\$ -	\$ 1,183.00	\$ 2,445.52	\$ 5,628.60	\$ 164.96	\$ 11,668.34

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

- 1) Work Plan Development
 - Conflict of Interest
 - Develop budget schedules & supporting documentation
- 2) Review work assignment (WA) progress
 - Conduct progress reviews
 - Prepare monthly project report
 - Update WA progress schedule
 - Prepare monthly M/WBE Utilization Report
- 3) Review WA costs
 - Prepare monthly cost control report
 - Cost control reviews

Contract/Project administration hours would not include activities such as:

- 1) QA/QC reviews
- 2) Technical oversight by management
- 3) Develop subcontracts
- 4) CAP Preparation
 - Oversee and prepare monthly CAP
 - Respond to payment issues/disallowances
 - NSPE list updates
 - Equipment Inventory
- 5) Manage subcontracts
- 6) Implement and manage program management and staffing plans
- 7) Conduct Health and Safety Reviews
- 8) Word processing and graphic artists
- 9) Report editing
- 10) Review of deliverables

Engineer: MACTEC Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Ruddicks Cleaners
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

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

GRADE LEVEL	IX	VIII	VII	VI	V	IV	III	II	I	TOTAL
2006 Rates	\$60.73	\$52.35	\$45.56	\$42.71	\$38.03	\$32.82	\$26.98	\$23.16	\$22.18	
2007 Rates	\$62.55	\$53.92	\$46.93	\$43.99	\$39.17	\$33.80	\$27.79	\$23.85	\$20.62	
2008 Rates	\$64.43	\$55.54	\$48.33	\$45.31	\$40.35	\$34.82	\$28.62	\$24.57	\$21.24	
2009 Rates	\$66.36	\$57.20	\$49.78	\$46.67	\$41.56	\$35.86	\$29.48	\$25.31	\$21.88	
2010 Rates	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	
Task 2 - Field Work										
2007 Hours	2	0	0	0	0	0	0	6	0	8
Total Hours	2	0	0	0	0	0	0	6	0	8
2007 Labor Cost	\$ 125.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 143.10	\$ -	268
Total Labor Cost	\$ 125.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 143.10	\$ -	\$ 268.20
Task 3 - Data Analyses / Report Preparation										
2007 Hours	2	0	0	0	0	0	0	6	0	8
Total Hours	2	0	0	0	0	0	0	6	0	8
2007 Labor Cost	\$ 125.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 143.10	\$ -	268
Total Labor Cost	\$ 125.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 143.10	\$ -	\$ 268.20
2007 Total Labor Hours	4	0	0	0	0	0	0	12	0	16
2007 Total Direct Labor Cost (\$)	\$ 250.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 286.20	\$ -	\$ 536.40
TOTAL LABOR HOURS	4	0	0	0	0	0	0	12	0	16
TOTAL DIRECT LABOR COST	\$ 250.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 286.20	\$ -	\$ 536.40

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

1) Work Plan Development

- Conflict of Interest
- Develop budget schedules & supporting documentation

2) Review work assignment (WA) progress

- Conduct progress reviews
- Prepare monthly project report
- Update WA progress schedule
- Prepare monthly M/WBE Utilization Repc

3) Review WA costs

- Prepare monthly cost control report
- Cost control reviews

Contract/Project administration hours would not include activities such as:

- 1) QA/QC reviews
- 2) Technical oversight by management
- 3) Develop subcontracts
- 4) CAP Preparation
 - Oversee and prepare monthly CAP
 - Respond to payment issues/disallowances
 - NSPE list updates
 - Equipment Inventory
- 5) Manage subcontracts

- 6) Implement and manage program management and staffing plans
- 7) Conduct Health and Safety Reviews
- 8) Word processing and graphic artists
- 9) Report editing
- 10) Review of deliverables

Engineer: MACTEC Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Ruddicks Cleaners
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

Same

**Schedule 2.11(c)
 Direct Non-Salary Costs**

Item	Maximum Reimbursement Rate	Unit	Estimated No. of Units	Total Estimated Cost
A) Sample Analysis Rates (In-House Cost Only)				
1) Groundwater	\$0.00	each	0	\$0.00
2) Soil Vapor	\$0.00	each	0	\$0.00
3) Sub-slab samples	\$0.00	each	0	\$0.00
TOTAL				\$0.00
B) Miscellaneous				
1) TRAVEL				
Lodging	\$ 66.60	night+taxes	6	\$ 399.60
Meals and Incidentals ¹	\$ 39.00	day	7	\$ 253.50
Car Rental	\$ 66.00	day	8	\$ 528.00
Cargo Van Rental	\$ -	day	0	\$ -
Mileage	\$ 0.445	mile	0	\$ -
Parking and Tolls	\$ 56.00	LS	1	\$ 56.00
Gas	Actual Costs	N/A	N/A	\$ 71.43
Air Fare	\$ 200	avg. RT price	3	\$ 600.00
TOTAL				\$1,908.53
2) CONSULTANT OTHER DIRECT COSTS				
Printing/Photocopy	\$0.05	page	5400	\$ 270.00
CAD Computer	\$7.50	hour	6	\$ 45.00
Telephone & Fax	Actual Costs	N/A	N/A	\$ 50.00
Shipping	Actual Costs	N/A	N/A	\$ 580.00
Consumables	Actual Costs	N/A	N/A	\$ 1,182.50
Other	\$0.00	N/A	N/A	\$ -
TOTAL				\$2,127.50
Total ODCs				\$4,036.03

Notes:

1. Total estimated cost for Meals and Incidentals adjusted to account for travel days.

12/20/06

[illegible]

+ Usage time includes shipping to and from site.

Same

Engineer: MACTEC Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Ruddicks Cleaners
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

same

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

Name of Subcontractor		Services to be Performed		Year	Subcontract Price
Joseph Lu Engineers		Site Survey		2006	\$ 7,393
A) Direct Salary Costs					
Professional Responsibility Level	Labor Grade	Ave. Reimbursement Rate (\$/hr)	Max. Reimbursement Rate (\$/hr)	Est. No. of Hours	Total Est. Direct Salary Cost (Ave. Reimb. Rate x Est. # of Hrs.)
Task 1 - Health & Safety Plan					
Mgt. Engineer	NSPE VIII	\$ 52.55		0	\$ -
Sr. Engineer	NSPE III	\$ 27.00		4	\$ 108.00
Engr. Tech.	NSPE I	\$ 19.00		2	\$ 38.00
Task 2 - Phase I Survey Services					
Mgt. Engineer	NSPE VIII	\$ 52.55		1	\$ 52.55
Sr. Engineer	NSPE III	\$ 27.00		32	\$ 864.00
Engr. Tech.	NSPE I	\$ 19.00		57	\$ 1,083.00
Total Direct Salary Costs					\$ 2,146
B) Indirect Costs					
Indirect costs shall be paid based on a percentage of direct salary costs incurred which shall not exceed a maximum 145% or the actual rate calculated in accordance with 48 CFR Federal Acquisition Regulation, whichever is lower.					
Amount budgeted for indirect costs is:					\$ 3,111
C) Maximum Reimbursement Rates for Direct Non-Salary Costs					
Item	Max. Reimbursement Rate (Specify Unit)	Est. No. of Units	Total Est. Cost		
Travel					
Overnight Expenses	\$ 60.00 Night	4	\$ 240.00		
Meals	\$ 39.00 Meals	6	\$ 234.00		
Mileage	\$ 0.45 Mile	1200	\$ 534.00		
Supplies					
Postage	\$ 15.00 Lump Sum	0	\$ -		
Miscellaneous Expenses (incl. PP)	\$ 200.00 Lump Sum	1	\$ 200.00		
Reproduction	\$ 0.04 Each Copy	60	\$ 2.40		
GPS Equipment	\$ 400.00 Lump Sum	1	\$ 400.00		
Total Direct Non-Salary Costs					\$ 1,610
D) Fixed Fee					
The fixed fee is: (10% of Total Direct and Indirect Salary Costs) See Schedule 2.10(h) for how the fixed fee should be claimed.					\$ 526

- These rates will be held firm until October 31, 2006
- Reimbursement will be limited to the lesser of either the individuals actual hourly rate or the maximum rate for each labor category.
- Reimbursement will be limited to the maximum reimbursement rate for the professional responsibility level of the actual work performed.
- Only those labor classifications indicated with an asterisk will be entitled to overtime premium.
- Reimbursement for technical time of principals, owners and officers will be limited to the maximum reimbursement rate of that labor category, the actual hourly labor rate paid, or the State M-6 job rate, whichever is lower.
- The maximum rates in each labor category can be modified only by mutual written agreement and approved by both the contractor and the Department.
- This Footnote applies to Schedules for years 4 through 7 only. If the U.S. cost-of-living index increases at a rate greater than 6% compounded annually, the maximum salary rates will be subject to renegotiation for future years of the contract. There shall be no retroactive adjustments of payment as a result of renegotiated salary schedules.

Assumptions:

Samples as per workplan including 2 contingency subsurface soil samples
 QA/QC sampling as per workplan
 2 rounds of site survey (1st round - certified boundary, 2 round - sample locations)
 Septic sampling conducted during non freeze conditions
 Drilling conducted when ground is frozen over.
 Core sampler by driller
 All laboratory analytical, IDW (investigation derived waste) and drillers costs will be provided by MACTEC

Engineer: MACTEC Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Ruddicks Cleaners
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

Same

Schedule 2.11(f)
 Unit Price Subcontracts

Field Work				
Name of Subcontractor	Service	Price	Management Fee	
woman owned buisness Geologic, NY	Drilling	\$ 8,760	\$ 350	
Item	Units	UOM	Unit Cost	Total Cost
Mobilization	1	each	\$ 200.00	\$ 200.00
Modified Level C personal protection		day	\$ 30.00	\$ -
Direct Push System - Truck Mounted	5	day	\$ 1,200.00	\$ 6,000.00
Temporary Decon Pad (Mobil)	1	each	\$ 100.00	\$ 100.00
Piezometer installed in direct push hole - 1" diam	100	foot	\$ 7.00	\$ 700.00
6" steel flush mounted vault w/water tight seal	4	each	\$ 100.00	\$ 400.00
Cost to supply USDOT 55 gallon drum	2	each	\$ 60.00	\$ 120.00
Goundwater sample with hydropunch	40	each	\$ 15.00	\$ 600.00
Soil gas sample with sealed sample point	4	each	\$ 15.00	\$ 60.00
Concrete	2	each	\$ 10.00	\$ 20.00
Asphalt patch	1	each	\$ 10.00	\$ 10.00
Permitting - 1 hr per site	1	hr	\$ 50.00	\$ 50.00
Estimated drum removal cost	2	each	\$ 250.00	\$ 500.00

Subtotal Cost: \$ 8,760.00
 Management Fee: \$ 350.40
 Total: \$ 9,110.40

Date Prepared: 12/20/06

same

Subtotal Cost:	\$	8,110
Management Fee:	\$	324
Total:	\$	8,434

12/20/06

Schedule 2.11(f)
Unit Price Subcontracts

same

Field Work				
Name of Subcontractor	Service	Price	Management Fee	
woman owned buisness				
Environmental Data Validators, Inc.	Data Validation	\$ 1,880	\$ 75	
Item	Units	UOM	Unit Cost	Total Cost
VOC-Soil- OLM04.2	7		\$ 25.00 \$ 28.00	\$ 175.00
VOC-Groundwater- OLM04.2	52		\$ 25.00	\$ 1,300.00
SVOC Groundwater- OLM04.2	10		\$ 28.00	\$ 280.00
VOC-Air- TO-15	5		\$ 25.00	\$ 125.00

Subtotal Cost:	\$	1,880.00
Management Fee:	\$	75.20
Total:	\$	1,955.20

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Ruddicks Cleaners
Work Assignment Number: 5.1
Task #/Name: All Tasks
Complete: 0.0%

Page: 1 OF 3
Date Prepared: 12/20/06
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 Completor	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,668	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,439	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 31,108	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,909	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,878	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,786	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26,893	\$ -
8. Total Site Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 62,786	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,555	\$ -
10. Total Site Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 64,342	\$ -

Program Manager (Engineer) _____

Date: _____

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Ruddicks Cleaners
Work Assignment Number: 5.1
Task #/Name: Task 2 - Field Work
Complete: 0.0%

Page: 2 OF 3
Date Prepared: 12/20/06
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 Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 6,123	\$ 6,123	\$ 6,123	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ 10,200	\$ 10,200	\$ 10,200	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,323	\$ 16,323	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ 1,909	\$ 1,909	\$ 1,909	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 2,413	\$ 2,413	\$ 2,413	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,321	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ 26,893	\$ 26,893	\$ 26,893	\$ -
8. Total Task Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47,536	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ 816	\$ 816	\$ 816	\$ -
10. Total Task Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 48,353	\$ -

Program Manager (Engineer) _____

Date: _____

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Ruddicks Cleaners
Work Assignment Number: 5.1
Task #/Name: Task 3 - Data Analyses / Report Preparation
Complete: 0.0%

Page: 3 OF 3
Date Prepared: 12/20/06
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 Completor	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 5,546	\$ 5,546	\$ 5,546	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ 9,240	\$ 9,240	\$ 9,239	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,786	\$ 14,785	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 465	\$ 465	\$ 465	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 465	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8. Total Task Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,250	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 739	\$ 739	\$ -
10. Total Task Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,989	\$ -

Program Manager (Engineer) _____

Date: _____

**Schedule 2.11(g) - Supplemental
COST CONTROL REPORT FOR SUBCONTRACTS**

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Ruddicks Cleaners
Work Assignment Number: 5.1

Page 1 of 1
Date Prepared: 12/20/06
Billing Period:
Invoice No. *Same*

Field Work ▼

Subcontract Name	A Subcontract Costs Claimed This Application Incl. Resubmittals	B Subcontract Costs Approved For Payment on Previous Applications	C Total Subcontract Costs To Date (A plus B)	D Subcontract Approved Budget	E Management Fee Budget	F Management Fee Paid	G Total Costs To Date (C plus F)
Joseph Lu Engineers			\$ -	\$ 7,392.66	\$ -		\$ -
			\$ -	\$ -	\$ -		\$ -
			\$ -	\$ -	\$ -		\$ -
Geologic, NY			\$ -	\$ 8,760.00	\$ 350.40		\$ -
Chemtech Consulting Group			\$ -	\$ 8,110.00	\$ 324.40		\$ -
Environmental Data Validators, Inc.			\$ -	\$ 1,880.00	\$ 75.20		\$ -
			\$ -	\$ -	\$ -		\$ -
TOTALS	\$ -	\$ -	\$ -	\$ 26,142.66	\$ 750.00	\$ -	\$ -

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 COST CONTROL REPORT
SUMMARY OF LABOR HOURS

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

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Ruddicks Cleaners
Work Assignment Number: 5.1

Date Prepared: 12/20/06
Billing Period:
Invoice #:

NSPE Labor Classification	IX Exp/Est*		VIII Exp/Est		VII Exp/Est		VI Exp/Est		V Exp/Est		IV Exp/Est		III Exp/Est		II Exp/Est		I Exp/Est		Total No. of Direct Labor Hours Exp/Est	
Task 2 - Field Work	0.0	6	0.0	0	0.0	0	0.0	24	0.0	0	0.0	10	0.0	88	0.0	80	0.0	0	0.0	208
Task 3 - Data Analyses / Report Preparation	0.0	6	0.0	0	0.0	0	0.0	10	0.0	0	0.0	25	0.0	0	0.0	156	0.0	8	0.0	205
Task 4 -	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	0.0	0
Task 5 -	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	0.0	0
Task 6 -	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	0.0	0
Task 7 -	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	0.0	0
Task 8 -	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	0.0	0
Total Hours	0.0	12	0.0	0	0.0	0	0.0	34	0.0	0	0.0	35	0.0	88	0.0	236	0.0	8	0.0	413

* Expended/Estimated

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Universal Cleaners
Work Assignment Number: 5.1

Date Prepared: 12/20/06

**Schedule 2.11(a)
Summary of Work Assignment Price**

1	DIRECT SALARY COSTS (Schedules 2.10(a) and 2.11 (b))	\$	12,019	✓															
2	INDIRECT COSTS (Schedule 2.10(g))	\$	20,024	✓															
3	DIRECT NON-SALARY COSTS (Schedules 2.10(d)(e)(f) and 2.11 (c) and (d))	\$	5,731	✓															
<p align="center">SUBCONTRACT COSTS COST-PLUS-FIXED-FEE SUBCONTRACTS (Schedule 2.11(e))</p> <table border="1"> <thead> <tr> <th>Name of Subcontractor</th> <th>Services to be Performed</th> <th>Subcontract Price</th> </tr> </thead> <tbody> <tr> <td>Joseph Lu Engineers</td> <td>Site Survey</td> <td>\$ 7,393</td> </tr> <tr> <td></td> <td></td> <td>\$ -</td> </tr> <tr> <td></td> <td></td> <td>\$ -</td> </tr> </tbody> </table>					Name of Subcontractor	Services to be Performed	Subcontract Price	Joseph Lu Engineers	Site Survey	\$ 7,393			\$ -			\$ -			
Name of Subcontractor	Services to be Performed	Subcontract Price																	
Joseph Lu Engineers	Site Survey	\$ 7,393																	
		\$ -																	
		\$ -																	
4	TOTAL COST-PLUS-FIXED-FEE SUBCONTRACTS	\$	7,393	✓															
<p align="center">UNIT PRICE SUBCONTRACTS (Schedule 2.11(f))</p> <table border="1"> <thead> <tr> <th>Name of Subcontractor</th> <th>Services to be Performed</th> <th>Subcontract Price</th> </tr> </thead> <tbody> <tr> <td>Geologic, NY</td> <td>Drilling</td> <td>\$ 8,760</td> </tr> <tr> <td>Chemtech Consulting Group.</td> <td>Laboratory</td> <td>\$ 8,920</td> </tr> <tr> <td>Environmental Data Validators, Inc.</td> <td>Data Validation</td> <td>\$ 2,105</td> </tr> <tr> <td></td> <td></td> <td>\$ -</td> </tr> </tbody> </table>					Name of Subcontractor	Services to be Performed	Subcontract Price	Geologic, NY	Drilling	\$ 8,760	Chemtech Consulting Group.	Laboratory	\$ 8,920	Environmental Data Validators, Inc.	Data Validation	\$ 2,105			\$ -
Name of Subcontractor	Services to be Performed	Subcontract Price																	
Geologic, NY	Drilling	\$ 8,760																	
Chemtech Consulting Group.	Laboratory	\$ 8,920																	
Environmental Data Validators, Inc.	Data Validation	\$ 2,105																	
		\$ -																	
5	TOTAL UNIT PRICE SUBCONTRACTS	\$	19,785	✓															
6	SUBCONTRACT MANAGEMENT FEE	\$	791	✓															
7	TOTAL SUBCONTRACT COSTS (Lines 4 + 5 + 6)	\$	27,969	✓															
8	FIXED FEE (Schedule 2.10(h))	\$	1,602	✓															
9	TOTAL WORK ASSIGNMENT PRICE (Lines 1 + 2 + 3 + 7 + 8)	\$	67,344	✓															

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Universal Cleaners
Work Assignment Number: 5.1

Date Prepared: 12/20/06

Schedule 2.11(b)
Direct Labor Hours Budgeted

GRADE LEVEL	IX	VIII	VII	VI	V	IV	III	II	I	TOTAL
2006 Rates	\$60.73	\$52.35	\$45.56	\$42.71	\$38.03	\$32.82	\$26.98	\$23.16	\$22.18	
2007 Rates	\$62.55	\$53.92	\$46.93	\$43.99	\$39.17	\$33.80	\$27.79	\$23.85	\$20.62	
2008 Rates	\$64.43	\$55.54	\$48.33	\$45.31	\$40.35	\$34.82	\$28.62	\$24.57	\$21.24	
2009 Rates	\$66.36	\$57.20	\$49.78	\$46.67	\$41.56	\$35.86	\$29.48	\$25.31	\$21.88	
2010 Rates	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	
Task 2 - Field Work										
2007 Hours	6	0	0	20	0	10	78	112	0	226
Total Hours	6	0	0	20	0	10	78	112	0	226
2007 Labor Cost	\$ 375.30	\$ -	\$ -	\$ 879.80	\$ -	\$ 338.00	\$ 2,167.62	\$ 2,671.20	\$ -	\$ 6,431.92
Total Labor Cost	\$ 375.30	\$ -	\$ -	\$ 879.80	\$ -	\$ 338.00	\$ 2,167.62	\$ 2,671.20	\$ -	\$ 6,431.92
Task 3 - Data Analyses / Report Preparation										
2007 Hours	6	0	0	10	0	25	0	156	10	207
Total Hours	6	0	0	10	0	25	0	156	10	207
2007 Labor Cost	\$ 375.30	\$ -	\$ -	\$ 439.90	\$ -	\$ 845.00	\$ -	\$ 3,720.60	\$ 206.20	\$ 5,587.00
Total Labor Cost	\$ 375.30	\$ -	\$ -	\$ 439.90	\$ -	\$ 845.00	\$ -	\$ 3,720.60	\$ 206.20	\$ 5,587.00
2007 Total Labor Hours	12	0	0	30	0	35	78	268	10	433
2007 Total Direct Labor Cost (\$)	\$ 750.60	\$ -	\$ -	\$ 1,319.70	\$ -	\$ 1,183.00	\$ 2,167.62	\$ 6,391.80	\$ 206.20	\$ 12,018.92
TOTAL LABOR HOURS	12	0	0	30	0	35	78	268	10	433
TOTAL DIRECT LABOR COST	\$ 750.60	\$ -	\$ -	\$ 1,319.70	\$ -	\$ 1,183.00	\$ 2,167.62	\$ 6,391.80	\$ 206.20	\$ 12,018.92

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

1) Work Plan Development

- Conflict of Interest
- Develop budget schedules & supporting documentation

2) Review work assignment (WA) progress

- Conduct progress reviews
- Prepare monthly project report
- Update WA progress schedule
- Prepare monthly M/WBE Utilization Report

3) Review WA costs

- Prepare monthly cost control report
- Cost control reviews

Contract/Project administration hours would not include activities such as:

- 1) QA/QC reviews
- 2) Technical oversight by management
- 3) Develop subcontracts
- 4) CAP Preparation
 - Oversee and prepare monthly CAP
 - Respond to payment issues/disallowances
 - NSPE list updates
 - Equipment Inventory
- 5) Manage subcontracts

- 6) Implement and manage program management and staffing plans
- 7) Conduct Health and Safety Reviews
- 8) Word processing and graphic artists
- 9) Report editing
- 10) Review of deliverables

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Universal Cleaners
Work Assignment Number: 5.1

Date Prepared: 12/20/06

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

GRADE LEVEL	IX	VIII	VII	VI	V	IV	III	II	I	TOTAL
2006 Rates	\$60.73	\$52.35	\$45.56	\$42.71	\$38.03	\$32.82	\$26.98	\$23.16	\$22.18	
2007 Rates	\$62.55	\$53.92	\$46.93	\$43.99	\$39.17	\$33.80	\$27.79	\$23.85	\$20.62	
2008 Rates	\$64.43	\$55.54	\$48.33	\$45.31	\$40.35	\$34.82	\$28.62	\$24.57	\$21.24	
2009 Rates	\$66.36	\$57.20	\$49.78	\$46.67	\$41.56	\$35.86	\$29.48	\$25.31	\$21.88	
2010 Rates	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	
Task 2 - Field Work										
2007 Hours	2	0	0	0	0	0	0	6	0	8
Total Hours	2	0	0	0	0	0	0	6	0	8
2007 Labor Cost	\$ 125.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 143.10	\$ -	268
Total Labor Cost	\$ 125.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 143.10	\$ -	\$ 268.20
Task 3 - Data Analyses / Report Preparation										
2007 Hours	2	0	0	0	0	0	0	6	0	8
Total Hours	2	0	0	0	0	0	0	6	0	8
2007 Labor Cost	\$ 125.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 143.10	\$ -	268
Total Labor Cost	\$ 125.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 143.10	\$ -	\$ 268.20
2007 Total Labor Hours	4	0	0	0	0	0	0	12	0	16
2007 Total Direct Labor Cost (\$)	\$ 250.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 286.20	\$ -	\$ 536.40
TOTAL LABOR HOURS	4	0	0	0	0	0	0	12	0	16
TOTAL DIRECT LABOR COST	\$ 250.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 286.20	\$ -	\$ 536.40

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

1) Work Plan Development

- Conflict of Interest
- Develop budget schedules & supporting documentation

2) Review work assignment (WA) progress

- Conduct progress reviews
- Prepare monthly project report
- Update WA progress schedule
- Prepare monthly M/WBE Utilization Repc

3) Review WA costs

- Prepare monthly cost control report
- Cost control reviews

Contract/Project administration hours would not include activities such as:

1) QA/QC reviews

- 2) Technical oversight by management
- 3) Develop subcontracts
- 4) CAP Preparation
 - Oversee and prepare monthly CAP
 - Respond to payment issues/disallowances
 - NSPE list updates
 - Equipment Inventory
- 5) Manage subcontracts

6) Implement and manage program management and staffing plans

- 7) Conduct Health and Safety Reviews
- 8) Word processing and graphic artists
- 9) Report editing
- 10) Review of deliverables

Engineer: MACTEC Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Universal Cleaners
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

Same

**Schedule 2.11(c)
 Direct Non-Salary Costs**

Item	Maximum Reimbursement Rate	Unit	Estimated No. of Units	Estimated Total Cost
A) Sample Analysis Rates (In-House Cost Only)				
1) Groundwater	\$0.00	each	0	\$0.00
2) Soil Vapor	\$0.00	each	0	\$0.00
3) Sub-slab samples	\$0.00	each	0	\$0.00
TOTAL				\$0.00
B) Miscellaneous				
1) TRAVEL				
Lodging	\$ 66.60	night+taxes	8	\$ 532.80
Meals and Incidentals ¹	\$ 39.00	day	10	\$ 351.00
Car Rental	\$ 66.00	day	8	\$ 528.00
Cargo Van Rental	\$ -	day	0	\$ -
Mileage	\$ 0.445	mile	0	\$ -
Parking and Tolls	\$ 56.00	LS	1	\$ 56.00
Gas	Actual Costs	N/A	N/A	\$ 71.43
Air Fare	\$ 200	avg. RT price	3	\$ 600.00
TOTAL				\$2,139.23
2) CONSULTANT OTHER DIRECT COSTS				
Printing/Photocopy	\$0.05	page	5400	\$ 270.00
CAD Computer	\$7.50	hour	6	\$ 45.00
Telephone & Fax	Actual Costs	N/A	N/A	\$ 50.00
Shipping	Actual Costs	N/A	N/A	\$ 580.00
Consumables	Actual Costs	N/A	N/A	\$ 1,182.50
Other	\$0.00	N/A	N/A	\$ -
TOTAL				\$2,127.50
Total ODCs				\$4,266.73

Notes:

1. Total estimated cost for Meals and Incidentals adjusted to account for travel days.

12/20/06

[illegible]

same

+ Usage time includes shipping to and from site.

Engineer: MACTEC Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Universal Cleaners
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

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

same

Name of Subcontractor		Services to be Performed		Year	Subcontract Price
Joseph Lu Engineers		Site Survey		2006	\$ 7,393
A) Direct Salary Costs					
Professional Responsibility Level	Labor Grade	Ave. Reimbursement Rate (\$/hr)	Max. Reimbursement Rate (\$/hr)	Est. No. of Hours	Total Est. Direct Salary Cost (Ave. Reimb. Rate x Est. # of Hrs.)
Task 1 - Health & Safety Plan					
Mgt. Engineer	NSPE VIII	\$ 52.55		0	\$ -
Sr. Engineer	NSPE III	\$ 27.00		4	\$ 108.00
Engr. Tech.	NSPE I	\$ 19.00		2	\$ 38.00
Task 2 - Phase I Survey Services					
Mgt. Engineer	NSPE VIII	\$ 52.55		1	\$ 52.55
Sr. Engineer	NSPE III	\$ 27.00		32	\$ 864.00
Engr. Tech.	NSPE I	\$ 19.00		57	\$ 1,083.00
Total Direct Salary Costs					\$ 2,146
B) Indirect Costs					
Indirect costs shall be paid based on a percentage of direct salary costs incurred which shall not exceed a maximum 145% or the actual rate calculated in accordance with 48 CFR Federal Acquisition Regulation, whichever is lower.					
Amount budgeted for indirect costs is:					\$ 3,111
C) Maximum Reimbursement Rates for Direct Non-Salary Costs					
Item	Max. Reimbursement Rate (Specify Unit)	Est. No. of Units	Total Est. Cost		
Travel					
Overnight Expenses	\$ 60.00 Night	4	\$ 240.00		
Meals	\$ 39.00 Meals	6	\$ 234.00		
Mileage	\$ 0.45 Mile	1200	\$ 534.00		
Supplies					
Postage	\$ 15.00 Lump Sum	0	\$ -		
Miscellaneous Expenses (incl. PP)	\$ 200.00 Lump Sum	1	\$ 200.00		
Reproduction	\$ 0.04 Each Copy	60	\$ 2.40		
GPS Equipment	\$ 400.00 Lump Sum	1	\$ 400.00		
Total Direct Non-Salary Costs					\$ 1,610
D) Fixed Fee					
The fixed fee is: (10% of Total Direct and Indirect Salary Costs) See Schedule 2.10(h) for how the fixed fee should be claimed.					\$ 526

- These rates will be held firm until October 31, 2006
- Reimbursement will be limited to the lesser of either the individuals actual hourly rate or the maximum rate for each labor category.
- Reimbursement will be limited to the maximum reimbursement rate for the professional responsibility level of the actual work performed.
- Only those labor classifications indicated with an asterisk will be entitled to overtime premium.
- Reimbursement for technical time of principals, owners and officers will be limited to the maximum reimbursement rate of that labor category, the actual hourly labor rate paid, or the State M-6 job rate, whichever is lower.
- The maximum rates in each labor category can be modified only by mutual written agreement and approved by both the contractor and the Department.
- This Footnote applies to Schedules for years 4 through 7 only. If the U.S. cost-of-living index increases at a rate greater than 6% compounded annually, the maximum salary rates will be subject to renegotiation for future years of the contract. There shall be no retroactive adjustments of payment as a result of renegotiated salary schedules.

Assumptions:

- Samples as per workplan including 2 contingency subsurface soil samples
- QA/QC sampling as per workplan
- 2 rounds of site survey (1st round - certified boundary, 2 round -sample locations)
- Septic sampling conducted during non freeze conditions
- Drilling conducted when ground is frozen over.
- Core sampler by driller
- All laboratory analytical, IDW (Investigation derived waste) and drillers costs will be provided by MACTEC

Engineer: MACTEC Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Universal Cleaners
 Work Assignment Number: 5.1

Date Prepared:

12/20/06

Schedule 2.11(f)
 Unit Price Subcontracts

Same

Field Work				
Name of Subcontractor	Service	Price	Management Fee	
woman owned buisness				
Geologic, NY	Drilling	\$ 8,760	\$ 350	
Item	Units	UOM	Unit Cost	Total Cost
Mobilization	1	each	\$ 200.00	\$ 200.00
Modified Level C personal protection		day	\$ 30.00	\$ -
Direct Push System - Truck Mounted	5	day	\$ 1,200.00	\$ 6,000.00
Temporary Decon Pad (Mobil)	1	each	\$ 100.00	\$ 100.00
Piezometer installed in direct push hole - 1" diam	100	foot	\$ 7.00	\$ 700.00
6" steel flush mounted vault w/water tight seal	4	each	\$ 100.00	\$ 400.00
Cost to supply USDOT 55 gallon drum	2	each	\$ 60.00	\$ 120.00
Groundwater sample with hydropunch	40	each	\$ 15.00	\$ 600.00
Soil gas sample with sealed sample point	4	each	\$ 15.00	\$ 60.00
Concrete	2	each	\$ 10.00	\$ 20.00
Asphalt patch	1	each	\$ 10.00	\$ 10.00
Permitting - 1 hr per site	1	hr	\$ 50.00	\$ 50.00
Estimated drum removal cost	2	each	\$ 250.00	\$ 500.00

Subtotal Cost: \$ 8,760.00
 Management Fee: \$ 350.40
 Total: \$ 9,110.40

12/20/06

Same

Subtotal Cost:	\$	8,920
Management Fee:	\$	357
Total:	\$	9,277

Date Prepared: 12/20/06

same

Subtotal Cost:	\$	2,105
Management Fee:	\$	84
Total:	\$	2,189

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Universal Cleaners
Work Assignment Number: 5.1
Task #/Name: All Tasks
Complete: 0.0%

Page: 1 OF 3
Date Prepared: 12/20/06
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 Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,019	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,024	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 32,042	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,139	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,592	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,731	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 27,969	\$ -
8. Total Site Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 65,742	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,602	\$ -
10. Total Site Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 67,344	\$ -

Program Manager (Engineer) _____

Date: _____

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Universal Cleaners
Work Assignment Number: 5.1
Task #/Name: Task 2 - Field Work
Complete: 0.0%

Page: 2 OF 3
Date Prepared: 12/20/06
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 Completer	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 6,432	\$ 6,432	\$ 6,432	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ 10,716	\$ 10,716	\$ 10,716	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 17,148	\$ 17,147	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ 2,139	\$ 2,139	\$ 2,139	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 3,127	\$ 3,127	\$ 3,127	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,266	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ 27,969	\$ 27,969	\$ 27,969	\$ -
8. Total Task Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,382	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ 857	\$ 857	\$ 857	\$ -
10. Total Task Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51,240	\$ -

Program Manager (Engineer) _____

Date: _____

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Universal Cleaners
Work Assignment Number: 5.1
Task #/Name: Task 3 - Data Analyses / Report Preparation
Complete: 0.0%

Page: 3 OF 3
Date Prepared: 12/20/06
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 Completor	Estimated Total Work Assignment Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 5,587	\$ 5,587	\$ 5,587	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ 9,308	\$ 9,308	\$ 9,308	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,895	\$ 14,895	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 465	\$ 465	\$ 465	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 465	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8. Total Task Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,360	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ 745	\$ 745	\$ 745	\$ -
10. Total Task Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,105	\$ -

Program Manager (Engineer) _____

Date: _____

**Schedule 2.11(g) - Supplemental
COST CONTROL REPORT FOR SUBCONTRACTS**

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Universal Cleaners
Work Assignment Number: 5.1

Page 1 of 1
Date Prepared: 12/20/06 *Same*
Billing Period:
Invoice No.

Field Work

Subcontract Name	A Subcontract Costs Claimed This Application Incl. Resubmittals	B Subcontract Costs Approved For Payment on Previous Applications	C Total Subcontract Costs To Date (A plus B)	D Subcontract Approved Budget	E Management Fee Budget	F Management Fee Paid	G Total Costs To Date (C plus F)
Joseph Lu Engineers			\$ -	\$ 7,392.66	\$ -		\$ -
			\$ -	\$ -	\$ -		\$ -
			\$ -	\$ -	\$ -		\$ -
Geologic, NY			\$ -	\$ 8,760.00	\$ 350.40		\$ -
Chemtech Consulting Group.			\$ -	\$ 8,920.00	\$ 356.80		\$ -
Environmental Data Validators, Inc.			\$ -	\$ 2,105.00	\$ 84.20		\$ -
			\$ -	\$ -	\$ -		\$ -
TOTALS	\$ -	\$ -	\$ -	\$ 27,177.66	\$ 791.40	\$ -	\$ -

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 COST CONTROL REPORT
SUMMARY OF LABOR HOURS

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

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Universal Cleaners
Work Assignment Number: 5.1

Date Prepared: 12/20/06
Billing Period:
Invoice #:

NSPE Labor Classification	IX Exp/Est		VIII Exp/Est		VII Exp/Est		VI Exp/Est		V Exp/Est		IV Exp/Est		III Exp/Est		II Exp/Est		I Exp/Est		Total No. of Direct Labor Hours Exp/Est	
Task 2 - Field Work	0.0	6	0.0	0	0.0	0	0.0	20	0.0	0	0.0	10	0.0	78	0.0	112	0.0	0	0.0	226
Task 3 - Data Analyses / Report Preparation	0.0	6	0.0	0	0.0	0	0.0	10	0.0	0	0.0	25	0.0	0	0.0	156	0.0	10	0.0	207
Task 4 -	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	0.0	0
Task 5 -	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	0.0	0
Task 6 -	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	0.0	0
Task 7 -	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	0.0	0
Task 8 -	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	0.0	0
Total Hours	0.0	12	0.0	0	0.0	0	0.0	30	0.0	0	0.0	35	0.0	78	0.0	268	0.0	10	0.0	433

* Expended/Estimated

Engineer: MACTEC Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Up To Date Cleaners
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

**Schedule 2.11(a)
 Summary of Work Assignment Price**

1	DIRECT SALARY COSTS (Schedules 2.10(a) and 2.11 (b))	\$	11,055	✓
2	INDIRECT COSTS (Schedule 2.10(g))	\$	18,418	✓
3	DIRECT NON-SALARY COSTS (Schedules 2.10(d)(e)(f) and 2.11 (c) and (d))	\$	5,482	✓
SUBCONTRACT COSTS COST-PLUS-FIXED-FEE SUBCONTRACTS (Schedule 2.11(e))				
Name of Subcontractor		Services to be Performed		Subcontract Price
Joseph Lu Engineers		Site Survey		\$ 4,366
				\$ -
				\$ -
4	TOTAL COST-PLUS-FIXED-FEE SUBCONTRACTS	\$	4,366	✓
UNIT PRICE SUBCONTRACTS (Schedule 2.11(f))				
Name of Subcontractor		Services to be Performed		Subcontract Price
Geologic, NY		Drilling		\$ 7,560
Chemtech Consulting Group.		Laboratory		\$ 6,650
Environmental Data Validators, Inc.		Data Validation		\$ 1,524
				\$ -
5	TOTAL UNIT PRICE SUBCONTRACTS	\$	15,734	✓
6	SUBCONTRACT MANAGEMENT FEE	\$	629	✓
7	TOTAL SUBCONTRACT COSTS (Lines 4 + 5 + 6)	\$	20,729	✓
8	FIXED FEE (Schedule 2.10(h))	\$	1,474	✓
9	TOTAL WORK ASSIGNMENT PRICE (Lines 1 + 2 + 3 + 7 + 8)	\$	57,158	✓

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Up To Date Cleaners
Work Assignment Number: 5.1

Date Prepared: 12/20/06

Schedule 2.11(b)
Direct Labor Hours Budgeted

GRADE LEVEL	IX	VIII	VII	VI	V	IV	III	II	I	TOTAL
2006 Rates	\$60.73	\$52.35	\$45.56	\$42.71	\$38.03	\$32.82	\$26.98	\$23.16	\$22.18	
2007 Rates	\$62.55	\$53.92	\$46.93	\$43.99	\$39.17	\$33.80	\$27.79	\$23.85	\$20.62	
2008 Rates	\$64.43	\$55.54	\$48.33	\$45.31	\$40.35	\$34.82	\$28.62	\$24.57	\$21.24	
2009 Rates	\$66.36	\$57.20	\$49.78	\$46.67	\$41.56	\$35.86	\$29.48	\$25.31	\$21.88	
2010 Rates	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	
Task 2 - Field Work										
2007 Hours	6	0	0	18	0	10	66	91	0	191
Total Hours	6	0	0	18	0	10	66	91	0	191
2007 Labor Cost	\$ 375.30	\$ -	\$ -	\$ 791.82	\$ -	\$ 338.00	\$ 1,834.14	\$ 2,170.35	\$ -	\$ 5,509.61
Total Labor Cost	\$ 375.30	\$ -	\$ -	\$ 791.82	\$ -	\$ 338.00	\$ 1,834.14	\$ 2,170.35	\$ -	\$ 5,509.61
Task 3 - Data Analyses / Report Preparation										
2007 Hours	6	0	0	10	0	25	0	156	8	205
Total Hours	6	0	0	10	0	25	0	156	8	205
2007 Labor Cost	\$ 375.30	\$ -	\$ -	\$ 439.90	\$ -	\$ 845.00	\$ -	\$ 3,720.60	\$ 164.96	\$ 5,545.76
Total Labor Cost	\$ 375.30	\$ -	\$ -	\$ 439.90	\$ -	\$ 845.00	\$ -	\$ 3,720.60	\$ 164.96	\$ 5,545.76
2007 Total Labor Hours	12	0	0	28	0	35	66	247	8	396
2007 Total Direct Labor Cost (\$)	\$ 750.60	\$ -	\$ -	\$ 1,231.72	\$ -	\$ 1,183.00	\$ 1,834.14	\$ 5,890.95	\$ 164.96	\$ 11,055.37
TOTAL LABOR HOURS	12	0	0	28	0	35	66	247	8	396
TOTAL DIRECT LABOR COST	\$ 750.60	\$ -	\$ -	\$ 1,231.72	\$ -	\$ 1,183.00	\$ 1,834.14	\$ 5,890.95	\$ 164.96	\$ 11,055.37

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

- 1) Work Plan Development
 - Conflict of Interest
 - Develop budget schedules & supporting documentation
- 2) Review work assignment (WA) progress
 - Conduct progress reviews
 - Prepare monthly project report
 - Update WA progress schedule
 - Prepare monthly M/WBE Utilization Report
- 3) Review WA costs
 - Prepare monthly cost control report
 - Cost control reviews

Contract/Project administration hours would not include activities such as:

- 1) QA/QC reviews
- 2) Technical oversight by management
- 3) Develop subcontracts
- 4) CAP Preparation
 - Oversee and prepare monthly CAP
 - Respond to payment issues/disallowances
 - NSPE list updates
 - Equipment Inventory
- 5) Manage subcontracts
- 6) Implement and manage program management and staffing plans
- 7) Conduct Health and Safety Reviews
- 8) Word processing and graphic artists
- 9) Report editing
- 10) Review of deliverables

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Up To Date Cleaners
Work Assignment Number: 5.1

Date Prepared: 12/20/06

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

GRADE LEVEL	IX	VIII	VII	VI	V	IV	III	II	I	TOTAL
2006 Rates	\$60.73	\$52.35	\$45.56	\$42.71	\$38.03	\$32.82	\$26.98	\$23.16	\$22.18	
2007 Rates	\$62.55	\$53.92	\$46.93	\$43.99	\$39.17	\$33.80	\$27.79	\$23.85	\$20.62	
2008 Rates	\$64.43	\$55.54	\$48.33	\$45.31	\$40.35	\$34.82	\$28.62	\$24.57	\$21.24	
2009 Rates	\$66.36	\$57.20	\$49.78	\$46.67	\$41.56	\$35.86	\$29.48	\$25.31	\$21.88	
2010 Rates	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	
Task 2 - Field Work										
2007 Hours	2	0	0	0	0	0	0	5	0	7
Total Hours	2	0	0	0	0	0	0	5	0	7
2007 Labor Cost	\$ 125.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 119.25	\$ -	244
Total Labor Cost	\$ 125.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 119.25	\$ -	\$ 244.35
Task 3 - Data Analyses / Report Preparation										
2007 Hours	2	0	0	0	0	0	0	6	0	8
Total Hours	2	0	0	0	0	0	0	6	0	8
2007 Labor Cost	\$ 125.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 143.10	\$ -	268
Total Labor Cost	\$ 125.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 143.10	\$ -	\$ 268.20
2007 Total Labor Hours	4	0	0	0	0	0	0	11	0	15
2007 Total Direct Labor Cost (\$)	\$ 250.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 262.35	\$ -	\$ 512.55
TOTAL LABOR HOURS	4	0	0	0	0	0	0	11	0	15
TOTAL DIRECT LABOR COST	\$ 250.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 262.35	\$ -	\$ 512.55

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

- 1) Work Plan Development
 - Conflict of Interest
 - Develop budget schedules & supporting documentation
- 2) Review work assignment (WA) progress
 - Conduct progress reviews
 - Prepare monthly project report
 - Update WA progress schedule
 - Prepare monthly M/WBE Utilization Report
- 3) Review WA costs
 - Prepare monthly cost control report
 - Cost control reviews

Contract/Project administration hours would not include activities such as:

- 1) QA/QC reviews
- 2) Technical oversight by management
- 3) Develop subcontracts
- 4) CAP Preparation
 - Oversee and prepare monthly CAP
 - Respond to payment issues/disallowances
 - NSPE list updates
 - Equipment Inventory
- 5) Manage subcontracts
- 6) Implement and manage program management and staffing plans
- 7) Conduct Health and Safety Reviews
- 10) Review of deliverables
- 9) Report editing
- 10) Review of deliverables

Engineer: MACTEC Engineering and Consulting

Date Prepared:

12/20/06

Contract Number: D004434

Project Name: Reg. 8 Dry Cleaners 2-Up To Date Cleaners

Work Assignment Number: 5.1

same

**Schedule 2.11(c)
Direct Non-Salary Costs**

Item	Maximum Reimbursement Rate	Unit	Estimated No. of Units	Total Estimated Cost
A) Sample Analysis Rates (In-House Cost Only)				
1) Groundwater	\$0.00	each	0	\$0.00
2) Soil Vapor	\$0.00	each	0	\$0.00
3) Sub-slab samples	\$0.00	each	0	\$0.00
TOTAL				\$0.00
B) Miscellaneous				
1) TRAVEL				
Lodging	\$ 66.60	night+taxes	8	\$ 532.80
Meals and Incidentals ¹	\$ 39.00	day	8	\$ 273.00
Car Rental	\$ 66.00	day	7	\$ 462.00
Cargo Van Rental	\$ -	day	0	\$ -
Mileage	\$ 0.445	mile	0	\$ -
Parking and Tolls	\$ 49.00	LS	1	\$ 49.00
Gas	Actual Costs	N/A	N/A	\$ 71.43
Air Fare	\$ 200	avg. RT price	3	\$ 600.00
TOTAL				\$1,988.23
2) CONSULTANT OTHER DIRECT COSTS				
Printing/Photocopy	\$0.05	page	5400	\$ 270.00
CAD Computer	\$7.50	hour	6	\$ 45.00
Telephone & Fax	Actual Costs	N/A	N/A	\$ 50.00
Shipping	Actual Costs	N/A	N/A	\$ 580.00
Consumables	Actual Costs	N/A	N/A	\$ 1,084.30
Other	\$0.00	N/A	N/A	\$ -
TOTAL				\$2,029.30
Total ODCs				\$4,017.53

Notes:

1. Total estimated cost for Meals and Incidentals adjusted to account for travel days.

12/20/06

(1) Item	(2) Task No.	(3) Max. Reimbursement Rate (\$)*	(4) Est. Usage (Unit of Time) +	(5) Est. Rental Cost (\$) (Col. 3 x 4)
Geopump	2	\$ 60.00	1 wk	\$ 60
Horibba U-22	2	\$ 240.00	1 wk	\$ 240
Turbidity Meter	2	\$ 64.00	1 wk	\$ 64
Radiodetection MGD-2002 Multi-Gas Loc:	2	\$ 350.00	1 wk	\$ 350
				\$ -
Trimble GPS unit	2	\$ 600.00	1 wk	\$ 600
Impact Drill (for sub-slab sample)	2	\$ 150.00	1 wk	\$ 150
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
Total Vendor Rented Equipment				\$ 1,464

+ Usage time includes shipping to and from site.

Engineer: MACTEC Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Up To Date Cleaners
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

Same

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

Name of Subcontractor		Services to be Performed		Year	Subcontract Price
Joseph Lu Engineers		Site Survey		2006	\$ 4,366
A) Direct Salary Costs					
Professional Responsibility Level	Labor Grade	Ave Reimbursement Rate (\$/hr)	Max Reimbursement Rate (\$/hr)	Est. No. of Hours	Total Est. Direct Salary Cost (Ave. Reimb. Rate x Est. # of Hrs.)
Task 1 - Health & Safety Plan					
Mgt. Engineer	NSPE VIII	\$ 52.55		0	\$ -
Sr. Engineer	NSPE III	\$ 27.00		4	\$ 108.00
Engr. Tech.	NSPE I	\$ 19.00		2	\$ 38.00
Task 2 - Phase I Survey Services					
Mgt. Engineer	NSPE VIII	\$ 52.55		1	\$ 52.55
Sr. Engineer	NSPE III	\$ 27.00		24	\$ 648.00
Engr. Tech.	NSPE I	\$ 19.00		36	\$ 684.00
Total Direct Salary Costs					\$ 1,531
B) Indirect Costs					
Indirect costs shall be paid based on a percentage of direct salary costs incurred which shall not exceed a maximum 145% or the actual rate calculated in accordance with 48 CFR Federal Acquisition Regulation, whichever is lower.					
Amount budgeted for indirect costs is:					\$ 2,219
C) Maximum Reimbursement Rates for Direct Non-Salary Costs					
Item	Max. Reimbursement Rate (Specify Unit)	Est. No. of Units	Total Est. Cost		
Travel					
Overnight Expenses	\$ 60.00 Night	0	\$ -		
Meals	\$ 39.00 Meals	0	\$ -		
Mileage	\$ 0.45 Mile	200	\$ 89.00		
Supplies					
Postage	\$ 15.00 Lump Sum	0	\$ -		
Miscellaneous Expenses (incl. PP)	\$ 150.00 Lump Sum	1	\$ 150.00		
Reproduction	\$ 0.04 Each Copy	50	\$ 2.00		
GPS Equipment	\$ 400.00 Lump Sum	0	\$ -		
Total Direct Non-Salary Costs					\$ 241
D) Fixed Fee					
The fixed fee is: (10% of Total Direct and Indirect Salary Costs) See Schedule 2.10(h) for how the fixed fee should be claimed.					\$ 375

- These rates will be held firm until October 31, 2006
- Reimbursement will be limited to the lesser of either the individuals actual hourly rate or the maximum rate for each labor category.
- Reimbursement will be limited to the maximum reimbursement rate for the professional responsibility level of the actual work performed.
- Only those labor classifications indicated with an asterisk will be entitled to overtime premium.
- Reimbursement for technical time of principals, owners and officers will be limited to the maximum reimbursement rate of that labor category, the actual hourly labor rate paid, or the State M-6 job rate, whichever is lower.
- The maximum rates in each labor category can be modified only by mutual written agreement and approved by both the contractor and the Department.
- This Footnote applies to Schedules for years 4 through 7 only. If the U.S. cost-of-living index increases at a rate greater than 6% compounded annually, the maximum salary rates will be subject to renegotiation for future years of the contract. There shall be no retroactive adjustments of payment as a result of renegotiated salary schedules.

Assumptions:

Samples as per workplan including 2 contingency subsurface soil samples
 QA/QC sampling as per workplan
 2 rounds of site survey (1st round - certified boundary, 2 round - sample locations)
 Septic sampling conducted during non freeze conditions
 Drilling conducted when ground is frozen over.
 Core sampler by driller
 All laboratory analytical, IDW (investigation derived waste) and drillers costs will be provided by MACTEC

Engineer: MACTEC Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Up To Date Cleaners
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

Schedule 2.11(f)
 Unit Price Subcontracts

Same

Field Work				
Name of Subcontractor		Service	Price	Management Fee
woman owned buisness				
Geologic, NY		Drilling	\$ 7,560	\$ 302
Item	Units	UOM	Unit Cost	Total Cost
Mobilization	1	each	\$ 200.00	\$ 200.00
Modified Level C personal protection		day	\$ 30.00	\$ -
Direct Push System - Truck Mounted	4	day	\$ 1,200.00	\$ 4,800.00
Temporary Decon Pad (Mobil)	1	each	\$ 100.00	\$ 100.00
Piezometer installed in direct push hole - 1" diam	100	foot	\$ 7.00	\$ 700.00
6" steel flush mounted vault w/water tight seal	4	each	\$ 100.00	\$ 400.00
Cost to supply USDOT 55 gallon drum	2	each	\$ 60.00	\$ 120.00
Goundwater sample with hydropunch	40	each	\$ 15.00	\$ 600.00
Soil gas sample with sealed sample point	4	each	\$ 15.00	\$ 60.00
Concrete	2	each	\$ 10.00	\$ 20.00
Asphalt patch	1	each	\$ 10.00	\$ 10.00
Permitting - 1 hr per site	1	hr	\$ 50.00	\$ 50.00
Estimated drum removal cost	2	each	\$ 250.00	\$ 500.00

Subtotal Cost: \$ 7,560.00
 Management Fee: \$ 302.40
 Total: \$ 7,862.40

Date Prepared: 12/20/06

Same.

Subtotal Cost:	\$	6,650
Management Fee:	\$	266
Total:	\$	6,916

Engineer: MACTEC Engineering and Consulting
 Contract Number: D004434
 Project Name: Reg. 8 Dry Cleaners 2-Up To Date Cleaners
 Work Assignment Number: 5.1

Date Prepared: 12/20/06

same

Schedule 2.11(f)
 Unit Price Subcontracts

Field Work				
Name of Subcontractor	Service	Price	Management Fee	
woman owned buisness				
Environmental Data Validators, Inc.	Data Validation	\$ 1,524	\$ 61	
Item	Units	UOM	Unit Cost	Total Cost
VOC-Soil- OLM04.2	7		\$ 25.00	\$ 175.00
			\$ 28.00	
VOC-Groundwater- OLM04.2	40		\$ 25.00	\$ 1,000.00
SVOC Groundwater- OLM04.2	8		\$ 28.00	\$ 224.00
VOC-Air- TO-15	5		\$ 25.00	\$ 125.00

Subtotal Cost: \$ 1,524
 Management Fee: \$ 61
 Total: \$ 1,585

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Up To Date Cleaners
Work Assignment Number: 5.1
Task #/Name: All Tasks
Complete: 0.0%

Page: 1 OF 3
Date Prepared: 12/20/06
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 Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,055	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 18,418	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 29,474	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,988	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,493	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,482	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,729	\$ -
8. Total Site Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 55,684	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,474	\$ -
10. Total Site Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 57,158	\$ -

Program Manager (Engineer)

Date:

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Up To Date Cleaners
Work Assignment Number: 5.1
Task #/Name: Task 2 - Field Work
Complete: 0.0%

Page: 2 OF 3
Date Prepared: 12/20/06
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 Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 5,510	\$ 5,510	\$ 5,510	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ 9,180	\$ 9,180	\$ 9,179	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,690	\$ 14,689	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ 1,988	\$ 1,988	\$ 1,988	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 3,028	\$ 3,028	\$ 3,028	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,017	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ 20,729	\$ 20,729	\$ 20,729	\$ -
8. Total Task Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,434	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ 734	\$ 734	\$ 734	\$ -
10. Total Task Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 41,169	\$ -

Program Manager (Engineer) _____

Date: _____

SCHEDULE 2.11(g)

MONTHLY COST CONTROL REPORT
SUMMARY OF FISCAL INFORMATION

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Up To Date Cleaners
Work Assignment Number: 5.1
Task #/Name: Task 3 - Data Analyses / Report Preparation
Complete: 0.0%

Page: 3 OF 3
Date Prepared: 12/20/06
Billing Period:
Invoice No.

10) Review of deliverable

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 Price (A+B+E)	Approved Budget	Estimated Under/Over (G-F)
1. Direct Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ 5,546	\$ 5,546	\$ 5,546	\$ -
2. Indirect Costs 166.6%	\$ -	\$ -	\$ -	\$ -	\$ 9,240	\$ 9,240	\$ 9,239	\$ -
3. Subtotal Direct Salary Costs and Indirect Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,786	\$ 14,785	\$ -
4. Travel	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5. Other Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 465	\$ 465	\$ -
6. Subtotal Direct Non-Salary Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 465	\$ -
7. Subcontractors	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8. Total Task Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,250	\$ -
9. Fixed Fee 5%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 739	\$ 739	\$ -
10. Total Task Price	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,989	\$ -

Program Manager (Engineer) _____

Date: _____

**Schedule 2.11(g) - Supplemental
COST CONTROL REPORT FOR SUBCONTRACTS**

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Up To Date Cleaners
Work Assignment Number: 5.1

Page 1 of 1
Date Prepared: 12/20/06
Billing Period:
Invoice No.

Field Work ▼

Subcontract Name	A Subcontract Costs Claimed This Application Incl. Resubmittals	B Subcontract Costs Approved For Payment on Previous Applications	C Total Subcontract Costs To Date (A plus B)	D Subcontract Approved Budget	E Management Fee Budget	F Management Fee Paid	G Total Costs To Date (C plus F)
Joseph Lu Engineers			\$ -	\$ 4,365.83	\$ -		\$ -
			\$ -	\$ -	\$ -		\$ -
			\$ -	\$ -	\$ -		\$ -
Geologic, NY			\$ -	\$ 7,560.00	\$ 302.40		\$ -
Chemtech Consulting Group.			\$ -	\$ 6,650.00	\$ 266.00		\$ -
Environmental Data Validators, Inc.			\$ -	\$ 1,524.00	\$ 60.96		\$ -
			\$ -	\$ -	\$ -		\$ -
TOTALS	\$ -	\$ -	\$ -	\$ 20,099.83	\$ 629.36	\$ -	\$ -

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.

Same

SCHEDULE 2.11(h)
MONTHLY COST CONTROL REPORT
SUMMARY OF LABOR HOURS

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

Engineer: MACTEC Engineering and Consulting
Contract Number: D004434
Project Name: Reg. 8 Dry Cleaners 2-Up To Date Cleaners
Work Assignment Number: 5.1

Date Prepared: 12/20/06
Billing Period:
Invoice #:

NSPE Labor Classification	IX Exp/Est*		VIII Exp/Est		VII Exp/Est		VI Exp/Est		V Exp/Est		IV Exp/Est		III Exp/Est		II Exp/Est		I Exp/Est		Total No. of Direct Labor Hours Exp/Est	
Task 2 - Field Work	0.0	6	0.0	0	0.0	0	0.0	18	0.0	0	0.0	10	0.0	66	0.0	91	0.0	0	0.0	191
Task 3 - Data Analyses / Report Preparation	0.0	6	0.0	0	0.0	0	0.0	10	0.0	0	0.0	25	0.0	0	0.0	156	0.0	8	0.0	205
Task 4 -	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	0.0	0
Task 5 -	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	0.0	0
Task 6 -	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	0.0	0
Task 7 -	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	0.0	0
Task 8 -	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	0.0	0
Total Hours	0.0	12	0.0	0	0.0	0	0.0	28	0.0	0	0.0	35	0.0	66	0.0	247	0.0	8	0.0	396

* Expended/Estimated

APPENDIX B

ROLLING PLAINS DRILLING BACKUP

MACTEC WA # D004434-5.1
Region 8 Group 2 Drilling Quotes
(Rolling Plains Site # 8-28-138)

NOTHNAGLE DRILLING						AMERICAN AUGER			GEOLOGIC NY, INC.				
ITEM NO.	DESCRIPTION	UNITS	LEVEL D	QUANTITY	COST	ITEM NO.	LEVEL D	QUANTITY	COST	ITEM NO.	LEVEL D	QUANTITY	COST
<u>MOBILIZATION and PER DIEM</u>													
1.	Mobilization	\$/ts	800	1	\$ 800.00	1	800	1	\$ 7,000.00	1.	800	1	\$ 800.00
2.	Modified Level C personal protection	\$/psn/d.	3	7	\$ 625.00	2	75	7	\$ 625.00	2.			\$ -
<u>DRILLING TECHNIQUES (Without Sampling)</u>													
<u>HOLLOW STEM AUGERS</u>													
<u>0-50 Feet In Depth</u>													
4.	4.25-Inch ID Hollow Stem Augers	\$/ft.	10	150	\$ 1,500.00	4	14	150	\$ 2,100.00	4.	14.75	200	\$ 2,950.00
<u>50-100 Feet In Depth</u>													
7.	4.25-Inch ID Hollow Stem Augers	\$/ft.	12		\$ -	7	15		\$ -	7.	21	25	\$ 625.00
<u>Greater Than 100 Feet In Depth</u>													
<u>DRIVE AND WASH FLUSH JOINT CASING</u>													
<u>50-100 Feet In Depth</u>													
14.	4.0-Inch ID Casing	\$/ft.	19		\$ -	14	28		\$ -	14.	21	25	\$ 525.00
<u>Greater Than 100 Feet In Depth</u>													
16.	4.0-Inch ID Casing	\$/ft.	22		\$ -	16	34		\$ -	16.	42	35	\$ 1,470.00
<u>ROCK OR SOIL CORING (with core recovery)</u>													
<u>Greater Than 100 Feet In Depth</u>													
29.	HX-Coring	\$/ft.	52		\$ -	29	67		\$ -	29.	63	12	\$ 756.00
<u>DRILLING TECHNIQUES (With Sampling)</u>													
<u>SPLIT SPOON SAMPLES</u>													
<u>0-50 Feet In Depth</u>													
45.	2.0-Inch OD	\$/ea.	10	15	\$ 150.00	45	14	15	\$ 210.00	45.	14.75	5	\$ 73.75
<u>50-100 Feet In Depth</u>													
47.	2.0-Inch OD	\$/ea.	11		\$ -	47	15		\$ -	47.	21	5	\$ 105.00

MACTEC WA # D004434-5.1
Region 8 Group 2 Drilling Quotes
(Rolling Plains Site # 8-28-138)

NOTHNAGLE DRILLING						AMERICAN AUGER				GEOLOGIC NY, INC.			
ITEM NO.	DESCRIPTION	UNITS	LEVEL D	QUANTITY	COST	ITEM NO.	LEVEL D	QUANTITY	COST	ITEM NO.	LEVEL D	QUANTITY	COST
	WELL SCREEN												
	PVC												
55.	PVC Well Screen, 2.0-Inch ID, #10 Slot, Schedule 40	\$/ft.	14	40	\$ 560.00	55	5	40	\$ 200.00	55.	21	40	\$ 840.00
	WELL RISER												
	PVC												
67.	PVC Well Riser, 2.0-Inch ID, Schedule 40	\$/ft.	8	270	\$ 2,160.00	67	4	270	\$ 1,080.00	67.	21	280	\$ 5,880.00
	WELL SCREEN SAND PACK												
	0-50 Feet In Depth												
73.	Well Screen Sand Pack For 2.0-Inch Monitoring Well Set in 4.25-Inch Hollow Stem Augers	\$/ft.	7.5	36	\$ 270.00	73	10	36	\$ 360.00	73.		36	\$
	Greater Than 100 Feet In Depth												
87.	Well Screen Sand Pack For 2.0-Inch Monitoring Well Set in 4.25-Inch Hollow Stem Augers	\$/ft.	9	12	\$ 108.00	87	13	12	\$ 156.00	87.		12	\$
	BENTONITE PELLET SEAL												
	0-50 Feet In Depth												
94.	Seal for 2.0-Inch Monitoring Well Set in 4.25-Inch Hollow Stem Augers	\$/ft.	22	9	\$ 198.00	94	15	9	\$ 135.00	94.		9	\$
	Greater Than 100 Feet In Depth												
108.	Seal for 2.0-Inch Monitoring Well Set in 4.25-Inch Hollow Stem Augers	\$/ft.	23	3	\$ 69.00	108	19	3	\$ 57.00	108.		3	\$
	RISER BACKFILL MATERIAL (High Solids Bentonite Grout)												
	0-50 Feet In Depth												
115.	Riser Backfill for 2.0-Inch Monitoring Well Set in 4.25-Inch Hollow Stem Augers	\$/ft.	7	155	\$ 1,085.00	115	5	155	\$ 775.00	115.		155	\$
	50-100 Feet In Depth												
122.	Riser Backfill for 2.0-Inch Monitoring Well Set in 4.25-Inch Hollow Stem Augers	\$/ft.	8	50	\$ 400.00	122	6	50	\$ 300.00	122.		50	\$
	Greater Than 100 Feet In Depth												
129.	Riser Backfill for 2.0-Inch Monitoring Well Set in 4.25-Inch Hollow Stem Augers	\$/ft.	6.5	40	\$ 340.00	129	8	40	\$ 320.00	129.		40	\$

MACTEC WA # D004434-5.1
Region 8 Group 2 Drilling Quotes
(Rolling Plains Site # 8-28-138)

[illegible]

MACTEC WA # D004434-5.1
Region 8 Group 2 Drilling Quotes
(Rolling Plains Site # 8-28-138)

NOTHNAGLE DRILLING				AMERICAN AUGER				GEOLOGIC NY, INC.			
ITEM NO.	DESCRIPTION	UNITS	LEVEL D	QUANTITY	LEVEL D	COST	ITEM NO.	LEVEL D	QUANTITY	LEVEL D	COST
PROTECTIVE CASINGS (incl. Installation)											
ABOVE GRADE											
161.	6.0-foot Protective Casing, 4.0-Inch ID, with Locking Cover, Drain Hole, and Concrete Apron	\$/ea.	150	4	\$	600.00	161	150	4	\$	600.00
CONTAINERIZATION OF DRILLING MATERIALS											
164.	Supply Clean DOT-Approved 55-gallon Drums with Wood Pallets	\$/ea.	30	10	\$	300.00	164	47	10	\$	470.00
166.	Moving 55-gallon Drums to Borehole; Filling, Transporting, and Staging or Emptying of Drill Cutting Drums	\$/ea.	25	10	\$	250.00	166	50	10	\$	500.00
WELL DEVELOPMENT											
0-50 Feet in Depth											
171.	2-inch Wells by Pump and Surge Method	\$/hr.	130	6	\$	780.00	171	110	6	\$	660.00
Greater Than 100 Feet in Depth											
183.	2-inch Wells by Pump and Surge Method	\$/hr.	130	2	\$	260.00	183	135	2	\$	270.00
DECONTAMINATION											
185.	Construction of One (1) Decontamination Steam-Cleaning Pad to Collect Solid and Liquid Contaminants	\$/fs.	250	1	\$	250.00	185	400	1	\$	400.00
186.	Decontamination of Drill Rig, Tools, and All Other Equipment Between Borings	\$/hr.	130	6	\$	780.00	186	160	6	\$	960.00
STAND-BY TIME											
187.	Stand-by Time	\$/hr.	130	2	\$	260.00	187	100	2	\$	200.00

MACTEC WA # D004434-5.1
Region 8 Group 2 Drilling Quotes
(Rolling Plains Site # 8-28-138)

NOTHNAGLE DRILLING					AMERICAN AUGER			GEOLOGIC NY, INC.		
ITEM NO.	DESCRIPTION	UNITS	LEVEL D	LEVEL D QUANTITY COST	ITEM NO.	LEVEL D	LEVEL D QUANTITY COST	ITEM NO.	LEVEL D	LEVEL D QUANTITY COST
SPECIALTY ITEMS **										
Hydro-Punch										
188.	0-50 Feet In Depth	\$/ft.	150	1 \$ 150.00	188	40	1 \$ 40.00	188.	21	1 \$ 21.00
189.	50-100 Feet In Depth	\$/ft.	150	3 \$ 450.00	189	42	3 \$ 126.00	189.	31.5	3 \$ 94.50
190.	Greater Than 100 Feet In Depth	\$/ft.	150	1 \$ 150.00	190	45	1 \$ 45.00	190.	42	1 \$ 42.00
6-Inch OD ODEX Rotary Drilling										
200a.	0-50 Feet In Depth	\$/ft.	29	50 \$ 1,450.00	200	35	50 \$ 1,750.00	200.	63	0 \$
201a.	50-100 Feet In Depth	\$/ft.	29	50 \$ 1,450.00	201	35	50 \$ 1,750.00	201.	63	0 \$
202a.	Greater Than 100 Feet In Depth	\$/ft.	29	50 \$ 1,450.00	202	35	50 \$ 1,750.00	202.	63	0 \$
NOTES:				\$ 16,220.00					\$ 22,739.00	\$ 18,917.25
\$/ft. = dollars per linear foot				Level D Total	Level D Total				Level D Total	Level D Total

NOTES:
 \$/ft. = dollars per linear foot
 \$/hr. = dollars per hour
 \$/ea. = dollars per unit
 \$/ls. = dollars per lump sum unit
 \$/psn/d. = dollars per person per day
 N/A = not applicable
 * = Mobilization will be requested on a site-specific basis.
 ** = Provide price if applicable