

34 Freeman's Bridge Road Soil Remediation Project
NYSDEC Site Number: 4-47-028
State Contract Number: D005813
Change Order Number: 01

Change Order Amount: \$ 2,502,078.00
Date of Issue: May 17, 2007

Contractor: D.A. Collins Environmental (DACE)
101 Route 67, PO Box 191
Mechanicville, NY 12118-0190

Engineer: Earth Tech Northeast, Inc.
40 British American Boulevard
Latham, New York 12110

Department: New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, NY 12233-7017

Change Order Items: This Change Order comprises (13) items as negotiated with the Prime Contractor (DACE) and discussed below.

I. CHANGE ORDER ITEMS

1. Change order to decrease the quantity of Bid Item UP-4A -LTTD Treatment of TSCA Soils. Add new item UP-5D- Off-site disposal of TSCA soils and Unit LS-5 – TDX indirect thermal treatment cleanout and handling.

DESCRIPTION OF CHANGE:

Revised quantity and price based on the implementation of the Explanation of Significant Differences (ESD, NYSDEC May 2007):

- Adjust the Unit 4a quantity – 12,500 cy (scheduled) minus 540.13 (actual treated) = (11,959.87 cy).
- Add item UP-5D to accommodate off-site disposal of remaining TSCA soils, not treated through LTTD including 11,959.87 cy (scheduled quantity) plus 2,040.13 cy (in-situ soils re-characterized as TSCA soils). A total of 14,000 cy (@1.60 tons/cy conversion equals 14,000 cy x 1.6 ton = 22,400 ton → 22,400 tons @ \$140/ton = \$3,136,000)
cy
- Add Item LS-5 TDX – indirect LTTD unit clean-out due to site condition outlined in the ESD.

REFERENCES: ESD and supporting correspondence (Attachment No. 1); Attachment 2 (Revised Bid Tab)

SPECIFICATION REFERENCE: Section 13560 - Low Temperature Thermal Desorption; Section 2230 – Transportation and Disposal

CONTRACT PAY ITEM No.: Payment Item UP-4A, New Item 5-D and New Item LS-5

REASON FOR CHANGE:

Part of contract adjustment to implement provisions of the ESD.

COST:

UP-4A: LTDD Treatment of TSCA Soils	-11959.00	CY	\$ 153.91	\$ (1,840,609.69)
UP-5D: Off-Site Disposal of TSCA Soils	22,400	Tons	\$ 140.00	\$ 3,136,000.00
LS-5: TSCA TDX Condensate Cleanout & Handling	1	LS	\$ 100,000.00	\$ 100,000.00
Subtotal Item 1:				\$ 1,395,390.31

2. Change order to reduce quantity for Bid Item UP-5 – Off-Site Disposal of Metals (RCRA hazardous metals).

DESCRIPTION OF CHANGE:

Revised quantity (reduce) quantity for Bid Item UP-5 from 3,540 to 1,459 tons = (2,081 ton).

REFERENCE: Attachment 2 (Revised Bid Tab)

SPECIFICATION REFERENCE: Section 02230 - Transportation and Disposal

CONTRACT PAY ITEM No.: Payment Item UP-5

REASON FOR CHANGE:

Part of contract adjustment to implement on-site treatment and reduce overall volumes of waste shipped to off-site TSDFs, and reduce associated waste disposal fees.

COST:

Item UP-5: Off-Site Disp. of RCRA Metals Soils	(2,081)	Ton	\$ 160.00	\$ (332,960.00)
Subtotal Item 2:				\$ (332,960.00)

3. Change order to increase quantity for Bid Item UP—5A Off-Site Disposal of Non-RCRA/ Non-TSCA Debris from 3,220 tons to 15, 000 tons. Add item UP-14 surcharge to cover alternate disposal options for a limited quantity (1,714 tons) of UP-5A soils.

DESCRIPTION OF CHANGE:

Increase quantity of Unit Price Item 5A based on increased percentage of oversized debris not amenable for LTDD Treatment.

Add new item UP-14 to reimburse for a 7.00 surcharge on UP-5A (\$72.00 to \$79.00 per ton) for limited quantity of debris (1,713.88 tons) disposal at an alternate disposal facility (Chemung County) due to facility delays at the pre-approved facility (Seneca Meadow). This delay was impacting the schedule and would have required additional testing for landfill approval.

REFERENCE: Attachment 2 (Revised Bid Tab)

SPECIFICATION REFERENCE: Section 02230 - Transportation and Disposal

CONTRACT PAY ITEM No.: Payment Item UP-5A

REASON FOR CHANGE:

Part of contract adjustment to implement off-site disposal of debris non-amenable for on-site LTDD treatment.

COST:

UP-5A: Off-Site Disp. of Non-RCRA / Non-TSCA Debris	11,780	Ton	\$ 72.00	\$ 848,160.00
UP-14: Surcharge for disposal at Chemung County	1,714	Ton	\$ 7.00	\$ 11,997.16
Subtotal Item 3:				\$ 860,157.16

- 4a. Change order to decrease the estimated quantity for Bid Item UP-5B - Off-Site Disposal of RCRA metals debris.

DESCRIPTION OF CHANGE:

Revised (eliminate) quantity based on existing site conditions

REFERENCE: Attachment 2 (Revised Bid Tab)

SPECIFICATION REFERENCE: Section 02230 Transportation and Disposal

CONTRACT PAY ITEM No.: Payment Item UP-5B

REASON FOR CHANGE:

Part of contract adjustment to reduce overall volumes of waste shipped to off-site TSDFs, and reduce associated waste disposal fees. RCRA characteristic hazardous debris not encountered at the site.

COST:

UP-5B: Off-site disposal of RCRA debris	(3,220)	Ton	\$ 160.00	\$ (515,200.00)
Subtotal Item 4:				\$ (515,200.00)

- 4b. Change order to increase the estimated quantity for Bid Item UP-5C to 115% of the scheduled treatment quantity - Off-Site Disposal of TSCA debris.

DESCRIPTION OF CHANGE:

Revised (increase) quantity to based on existing site conditions

REFERENCE: Attachment 2 (Revised Bid Tab)

SPECIFICATION REFERENCE: Section 02230 Transportation and Disposal

CONTRACT PAY ITEM No.: Payment Item UP-5C

REASON FOR CHANGE:

Quantity increase from 3,220 tons to 3,703 tons warranted due to existing site conditions due to the presence of excessive debris not amenable for LTDD treatment.

COST:

UP-5C: Off-site disposal of TSCA debris	483	Ton	\$ 180.00	\$ 86,940.00
Subtotal Item 4:			\$	86,940.00

5. Change order to increase quantity for Bid Item UP-8 (Water Management) and add a new unit UP-8a. To decrease unit price for treatment quantities above 115% of the scheduled contract quantity.

DESCRIPTION OF CHANGE:

Proposed change order to increase quantity for Bid Item UP-8 (Water Management) and add a new unit UP-8a to decrease unit price for treatment quantities above 115% of the scheduled contract quantity. Increase in quantity result of existing site conditions.

DRAWING REFERENCE: Attachment 2 (Revised Bid Tab)

SPECIFICATION REFERENCE: Section 02240 Construction Water NAPL Management

CONTRACT PAY ITEM No.: Payment Item UP-8 and UP-8A

REASON FOR CHANGE:

Part of contract adjustment to continue effective dewatering measures and address existing site conditions.

COST:

The scheduled unit cost at 0.36/gallon applies up to additional 15% of the scheduled contract quantity (150,000 gallons). Unit price adjustment negotiated (\$0.185 /gallon) applies to an additional 5,175,000 gallons.

UP-8: Water Treatment (additional 15%)	150,000	gallon	\$ 0.36	\$ 54,000.00
UP-8a: Water Treatment (Phase I adjusted)	5,175,000	gallon	\$ 0.185	\$ 957,375.00
Subtotal Item 5: \$				1,011,375.00

6. Change order to decrease quantity Bid Item UP-6 - Backfill with Treated Soil.

DESCRIPTION OF CHANGE:

Revised (decrease) quantity based on the implementation of the off-site disposal of Non-TSCA and TSCA debris. Approximately 15,500 cy of in-situ TSCA soils will be disposed of off site and not available for backfill. Final grades will be adjusted accordingly.

DRAWING REFERENCE: Attachment 2 (Revised Bid Tab)
SPECIFICATION REFERENCE: Section 02241 Backfilling.
CONTRACT PAY ITEM No.: Payment Item UP-6

REASON FOR CHANGE:

Part of contract adjustment to implement ESD.

COST:

The decreased quantity for UP-6 is based on an additional 15,500 CY of soils/debris that will be transported off-site for disposal and not available for backfill.

UP-6: Backfill with Treated Soil and PCO	(15,500)	CY	\$ 9.90	\$ (153,450.00)
Revised Estimated Quantity	50,000	CY		
Subtotal Item 6: \$				(153,450.00)

7. Change order to add new Bid Item UP-12 for Clean Crushing & Processing of non-contaminated crushable debris (i.e. concrete slabs) resulting from building slab and foundation demolition.

DESCRIPTION OF CHANGE:

Original contract required off-site disposal of non-contaminated slab and foundation concrete from building demolition in accordance with Bid Item 5A. Provision of the impact crusher allows for on-site processing and recycling of clean concrete.

REFERENCE: UP-12 (Attachment 3 – proposed crushing adjustment DAC [12/21/06])

SPECIFICATION REFERENCE: None applicable

CONTRACT PAY ITEM No.: Payment Item UP-12

REASON FOR CHANGE:

Part of contract adjustment to implement on-site crushing and reduce overall volumes of waste shipped to off-site TSDFs, and reduce associated waste disposal fees.

COST:

Add new Item UP-12 for on-site crushing and processing of 200 cy of clean concrete.

UP-12: Clean Crushing & Processing	200	CY	\$ 25.00	\$ 5,000.00
		Subtotal Item 7: \$ 5,000.00		

8. Change order to add new item UP-13 - crushing of impacted debris for LTTD treatment

DESCRIPTION OF CHANGE:

Revised quantity and price based on the implementation of on-site crushing operation to reduce crushable debris (i.e., concrete, brick, rocks, and related) to suitable size for LTTD treatment, in lieu of off-site disposal as waste debris.

REFERENCE: UP-4 (Attachment 3 – proposed crushing adjustment DAC [12/21/06])

SPECIFICATION REFERENCE: Section 13560 Low Temperature Thermal Desorption.

CONTRACT PAY ITEM No.: Payment Item UP-13

REASON FOR CHANGE:

Part of contract adjustment to implement on-site crushing and reduce overall volumes of waste shipped to off-site TSDFs, and reduce associated waste disposal fees. See attached worksheet.

COST:

The additional cost for UP-13 includes a price surcharge for provision, operation and maintenance of an impact crusher and estimated volume increase for debris processed via LTDD. Supplement base bid unit price with proposed Crushing quantity and surcharge price below.

UP- 13: LTDD Treatment of Non-TSCA Soils (Crushing)	12,882	CY	\$ 7.25	\$ 93,394.50
Subtotal Item 8: \$				93,394.50

9. Change order to add new Bid Item UP-15 - disposal of non-hazardous metals-impacted site soils.

DESCRIPTION OF CHANGE:

Add item UP-15 for disposal on non-hazardous metals impacted soils. Original contract required off-site disposal of RCRA hazardous metals soils. Due to existing conditions and post treatment characterization, these soils are characterized as non-hazardous, however, soils exceed site-specific cleanup goals.

REFERENCE: Attachment 2 (Revised Bid Tab)
SPECIFICATION REFERENCE: None applicable
CONTRACT PAY ITEM No.: Payment Item UP-15

REASON FOR CHANGE:

Part of contract adjustment to implement cost effective management of off-site disposal of non-hazardous metals soils.

COST:

UP-15: Off-site Disposal of Non-Hazardous Metals s	1,079	Ton	\$ 61.00	\$ 65,819.00
Subtotal Item 9: \$				65,819.00

10. Change order to add new Bid Item UP-16 for the installation of a Dust Screen Barrier.

DESCRIPTION OF CHANGE:

Add item UP-16 for the installation of a Dust Screen Barrier to mitigate community health and safety concerns and site support exposure to fugitive dust from screening and liming operations.

REFERENCE: Attachment 4
SPECIFICATION REFERENCE: None applicable
CONTRACT PAY ITEM No.: Payment Item UP-16

REASON FOR CHANGE:

Part of contract adjustment to address community and site health and safety exposure due to fugitive dust emissions.

COST:

UP-16: Install Dust Screen Barrier	300	LF	\$ 80.00	\$ 24,000.00
Subtotal Item 10: \$				24,000.00

11. Change order to add new Bid Item TM-01. Time and materials for the removal of asbestos containing cabinets from the building clean-out prior to demolition. Scope of work not identified in the contract documents.

DESCRIPTION OF CHANGE:

Add item TM-01 to reimburse time and materials for the removal, handling of ACM cabinets.

REFERENCE: Attachment 5

SPECIFICATION REFERENCE: None applicable

CONTRACT PAY ITEM No.: Payment Item TM-01

REASON FOR CHANGE:

Time and materials for the removal of asbestos containing cabinets from the building clean-out prior to demolition. ACM cabinets were not specifically identified on the debris listing provided as part of the bid documents.

COST:

Approved time, materials and subcontractor invoices attached for reference.

Item TM-01: Removal ACM cabinets	Equipment	T&M	\$ 163.97
	Labor		\$ 343.80
	Subs		\$ 1,743.00
Subtotal Item 7: \$			2,250.77

12. Change order to eliminate UP-9 – NAPL Off-Site Disposal.

DESCRIPTION OF CHANGE:

Item not required under existing site conditions.

DRAWING REFERENCE: Attachment 2 (Revised Bid Tab)
SPECIFICATION REFERENCE: Section 02240 Construction Water NAPL Management
CONTRACT PAY ITEM No.: UP-9

REASON FOR CHANGE:

Part of contract adjustment to reduce overall volumes of waste shipped to off-site TSDFs, and reduce associated waste disposal fees.

COST:

Item UP-9: NAPL Disposal Off-site	(32,000)	Gallons	\$ 1.27	\$ (40,640.00)
Subtotal Item 12: \$				(40,640.00)

II. CHANGE ORDER NUMBER 01 SUMMARY

Item No.	Description	Item Subtotals
1	UP-4A: Lttd Treatment of TSCA Soils (base bid reduction)	\$ (1,840,609.69)
	UP-5D: Off-site Disposal of TSCA Sois (Base+add soils)	\$ 3,136,000.00
	LS-5: TDX Condensate and Cleanout	\$ 100,000.00
2	UP-5: Off-site disposal of RCRA metals (base bid reduction)	\$ (332,960.00)
3	UP5A: Offiste Disposal Non-Haz debris (base bid increse)	\$ 848,160.00
	UP-14: surcharge for alternate disposal of UP-5A debris	\$ 11,998.00
4a	UP-5B: Off-Site Disposal of RCRA Debris	\$ (515,200.00)
4b	UP-5C: Offiste Disposal of TSCA debris	\$ 86,940.00
5	UP-8: Water Treatment (base bid adjustment -qty)	\$ 54,000.00
	UP-8A: Water Treament (base bid adjustment-qty/price)	\$ 957,375.00
6	UP-6: Backfill with Treated Soil and PCO	\$ (153,450.00)
7	UP-12: Clean Crushing & Processing	\$ 5,000.00
8	UP-13: Surcharge to UP-4-LTTD treatment of crushables	\$ 93,394.50
9	UP-15: Off-site disposal of non-hazdous metals impacted soils	\$ 65,819.00
10	UP-16: Dust Screen Barrier	\$ 24,000.00
11	TM-01: Removal of ACM cabinets	\$ 2,250.77
12	UP-9: NAPL disposal (base bid qty adjustment)	\$ (40,640.00)
Total This Change Order: \$		2,502,077.58

III. CHANGE IN CONTRACT PRICE

Original Contract Price:	\$16,853,015.00
Contract Price after previous approved Change Orders:	\$0.00
Net Increase/Decrease Due to this Change Order:	\$ 2,502,078.00

New Contract Price including this Change Order: \$19,337,093.00

IV. CHANGE IN CONTRACT TIME:

Notice to Proceed: November 27, 2006

	<u>Calendar Days</u>	<u>Date</u>
Original Contract Time	315	October 7, 2007
Contract Time after previous Change Orders	0	October 7, 2007
Net Increase due to this Change Order	0	October 7, 2007

It is understood and agreed that, unless expressly so stated above, the work herein authorized will not extend the time for completion of the Contract.

It is understood and agreed that this change order represents full and complete compensation for all work described herein.

This work is to be performed in accordance with the terms of the Contract and original plans and specifications, except as herein modified. It is also understood and agreed that this change order shall be deemed executory only to the extent of moneys available and no liability shall be incurred by the State beyond the moneys available for the purpose

IN WITNESS WHEREOF, representatives of the Department and Contractor have executed this contract on the day and year written beneath their respective signatures. The signatory for the Department provides the following Agency Certification: "In addition to the acceptance of this contract, I also certify that original copies of this signature page will be attached to all other exact copies of this contract."

FOR DEPARTMENT
By: [Signature]
Title: DIRECTOR OF MANAGEMENT & BUDGET SVCS
Date: JUL 2 2007

FOR CONTRACTOR
By: [Signature]
Title: DIRECTOR OF REMEDIATION
Date: 5/30/07

APPROVED AS TO FORM
NYS ATTORNEY GENERAL
JUL 19 2007
By: [Signature]
Attorney General
Date: _____

Approved: _____
By: Thomas P. DiNapoli
State Comptroller
DEPT. OF AUDIT & CONTROL
JUL 24 2007
Elizabeth Barry
FOR THE STATE COMPTROLLER

STATE OF)) SS:
COUNTY OF)

On the ____ day of _____, 20____, before me personally came _____, to me known, who being duly sworn, did depose and say that (s)he resides in _____, New York; that (s)he is _____ of _____, the corporation described in and which executed the above instrument; that (s)he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by authority of the Board of Directors of said corporation and that (s)he signed his/her name thereto by the same authority.

Notary Public

STATE OF)

) SS:

COUNTY OF)

On the ___ day of _____, 20___, before me personally came _____, to me known, who being duly sworn, did depose and say that (s)he resides in _____, New York; that (s)he is _____ of _____, the corporation described in and which executed the above instrument; that (s)he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by authority of the Board of Directors of said corporation and that (s)he signed his/her name thereto by the same authority.

Notary Public

STATE OF) *New York*

) SS:

COUNTY OF) *Saratoga*

On the 30 day of May, 2007, before me personally came David MacDougall to me known and, who being duly sworn, stated that he is a member or employee of DA Collins Environmental Services the firm described in and which executed the foregoing instrument, and (x) he acknowledged to me that he subscribed his name thereto on behalf of said firm.

DEBRA LINDSEY
Notary Public, State of New York
0116072389
Qualified in Saratoga County
Commission Expires April 1, 2010

Debra Lindsey
Notary Public

STATE OF)

) SS:

COUNTY OF)

On the ___ day of _____, 20___, before me personally came _____, to me known and, who being duly sworn, stated that (s)he is a member or employee of _____, the firm described in and which executed the foregoing instrument, and (s)he acknowledged to me that (s)he subscribed his/her name thereto on behalf of said firm.

Notary Public

ATTACHMENT 1

EXPLANATION OF SIGNIFICANT DIFFERENCES

34 FREEMAN'S BRIDGE ROAD SITE



Town of Glenville / Schenectady County / Registry No. 4-47-028 / May 2007

Prepared by the New York State Department of Environmental Conservation
Division of Environmental Remediation

1.0 INTRODUCTION

DRAFT

Mon. 5/21/2007

The purpose of this notice is to describe the progress of the cleanup at the Freeman's Bridge Road Site and to inform you about a change in the site quantity of material to be removed and disposed off site. The 10 acre Freeman's Bridge Road Site is located in the Town of Glenville, Schenectady County. In March 2004, the New York State Department of Environmental Conservation (NYSDEC) issued a Record of Decision (ROD) which selected a remedy consisting of on-site thermal treatment of soil contaminated with PCBs, building demolition and drainage improvements.

This Explanation of Significant differences (ESD) will become part of the Administrative Record for this site. The information here is a summary of what can be found in greater detail in documents that have been placed in the following repositories:

Glenville Municipal Center (Town Hall) 18 Glenridge Road Glenville, NY Contact: Town Clerk (518) 384-0019 Hours: M-F 9 a.m. - 5 p.m. (518) 408-5423	NYSDEC Div. of Environmental Remediation Remedial Bureau E 625 Broadway, 12 th Floor Albany, NY 12233-7017 Contact: Michael Mason Project Manager (518) 402-9814 Hours: M-F 7:00 a.m. - 3:30 p.m.	Schenectady Co. Public Library (Glenville Branch) 20 Glenridge Road Glenville, NY Contact: Librarian (518) 386-2243 Hours: M-Th 10 a.m. - 8:30 p.m. F-Sat 10 a.m. - 5 p.m.
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Although this is not a request for comments, interested persons are invited to contact the NYSDEC's Project Manager for this site to obtain more information or have questions answered.

2.0 SITE DESCRIPTION AND ORIGINAL REMEDY

Hazardous wastes including volatile and semi-volatile organic contaminants, PCBs, and metals disposed at the site have contaminated surface and subsurface soils, and groundwater. The site is listed as a Class 2 site in the State Registry of Inactive Hazardous Waste Sites. A Class 2 site represents a significant threat to public health or the environment; action is required.

The selected remedy is described in detail in a "Record of Decision" (ROD). The ROD presents the alternative selected by NYSDEC and NYSDOH and documents the information and rationale used to arrive at the decision. Included in the ROD is a summary of public participation activities, including the holding of a public meeting on February 11, 2004. *The ROD can be reviewed at the document repositories listed below.*

DRAFT

The March 2004 ROD remedy consisted of:

- 1) Excavation, preparation, and thermal treatment of PCB and metals contaminated wastes, soils and debris. Mobile low temperature thermal desorption units would be on the site to treat the materials.
- 2) Collection and treatment of contaminated light non-aqueous phase liquids (LNAPLs) and groundwater from the main contaminated area during the construction phase. LNAPLs are a floating petroleum based product, which will be separated from the groundwater by the treatment system and disposed off site.
- 3) All treated materials would be used as backfill to restore site grades. The site would be restored by grading, placement of topsoil, and seeding of filled areas.
- 4) Institutional controls, such as an environmental easement, would be imposed that would prevent the use of groundwater as a source of potable or process water without necessary water quality treatment. Due to the continued presence of volatile organic compounds in groundwater for some period of time after remediation, the potential for vapor intrusion to indoor air must be evaluated prior to any new construction on the site.
- 5) Since the remedy results in untreated groundwater remaining at the site, a monitoring program would be instituted. This would allow the effectiveness of the soil and waste removal to be evaluated and would be a component of the operation, maintenance, and monitoring program for the site. The small area of contaminated groundwater remaining outside the main contaminant source area to be excavated would be allowed to degrade naturally. With the source of the groundwater contamination removed, it is anticipated the groundwater plume would reach acceptable limits within five years.

3.0 CURRENT STATUS

In November 2006 as the contractor hired by the NYSDEC, D.A. Collins Environmental began implementing the selected remedy. At the end of April 2007, approximately 22,000 cubic yards of soil had been successfully treated on site. In April 2007 there were two on-site thermal treatment units in operation at the site. The ESMI unit was successfully treating wastes with less than 50 parts per million (ppm) PCBs, and the TDX unit was completing performance testing on wastes with greater than 50 ppm PCBs. Performance testing of the TDX unit indicated it could not effectively treat contaminated soils with portions of the waste containing delete solid organic materials. It was clear there would be significant cost, operational and schedule impacts if the unit were to continue to treat the original contracted quantity of waste.

The NYSDEC has determined it would be more efficient and cost effective to dispose of the remaining soil containing greater than 50 ppm PCBs off site. The TDX unit will be decontaminated and removed from the site. The ESMI unit will continue to treat soils on site. Although there will be additional truck traffic generated at the site, it will be during the normal work day. Noise and vibration impacts to adjacent residences and businesses will be reduced with one less unit operating at the site. There will be no overall reduction in the quantity of waste to be either treated on site or removed for off-site disposal. No waste above site-specific cleanup levels will remain on site. The contract is currently on schedule and the ESD decision will not impact the construction work currently on schedule to be completed in Fall 2007.

4.0 DESCRIPTION OF SIGNIFICANT DIFFERENCES

DRAFT

4.1 Comparison of Changes with Original Remedy

The following point describes the significant difference to the remedy, compared to the remedy selected in the March 2004 ROD:

- The total estimated quantity of PCB contaminated soil/debris to be disposed of off site will increase from 3220 tons to 17,500 tons.

The ROD, as modified by this ESD is protective of human health and the environment and meets the goals originally included in the March 2004 ROD. The New York State Department of Health (NYSDOH) concurs with the modified remedy.

5.0 SCHEDULE AND MORE INFORMATION

It is the intention of the NYSDEC to complete contractor activities in fall 2007. Initiation of groundwater monitoring is currently scheduled for winter 2007. If you have questions or need additional information, you may contact any of the following:

Mr. Michael Mason, P.E.
Project Manager
NYS Dept. of Environmental Conservation
625 Broadway, 12th Floor
Albany, NY 12233-7017
(518) 402-9814

Bruce Donovan
Regional Toxics Coordinator
NYS Department of Health
Frear Building
One Fulton Street
Troy, NY 12180
(518) 408-5423

Date

Michael Mason, P.E., Project Manager

Date

George W. Harris, P.E., Chief, Remedial Section A

Date

Robert Knizek, P.E., Director, Remedial Bureau E

Date

Salvatore Ervolina, Assistant Director
Division of Environmental Remediation

Date

Dale A. Desnoyers, Director
Division of Environmental Remediation

ATTACHMENT 2

D.A. Collins Environmental Services
NYS DEC - 34 Freeman's Bridge Road
Project No. 2006-516

Schedule of Values										Application No:		Month Ending:	
Unit Price Summary													
Item	Description	Est. Qty.	Units	Unit Price	Total Qty. / % To Date	Total Invoiced To Date	Approved Contract	Quantity Remaining	Budget Remaining	Projected Quantity	Projected Contract		
LS-1	Mobilization / Demobilization	1	LS	\$ 3,400,000.00	0%	\$0.00	\$3,400,000.00	100.00%	\$3,400,000.00	100%	\$ 3,400,000.00		
LS-2	Building Demolition	1	LS	\$ 61,000.00	0%	\$0.00	\$61,000.00	100.00%	\$61,000.00	100%	\$ 61,000.00		
LS-3	WWTP Mob., Start-up, Testing	1	LS	\$ 147,000.00	0%	\$0.00	\$147,000.00	100.00%	\$147,000.00	100%	\$ 147,000.00		
LS-4	LTTD Demonstration Pilot Test	1	LS	\$ 188,000.00	0%	\$0.00	\$188,000.00	100.00%	\$188,000.00	100%	\$ 188,000.00		
UP-1	Site Facilities and Utilities	285	Days	\$ 2,160.00	0%	\$0.00	\$615,600.00	285.0	\$615,600.00	285	\$ 615,600.00		
UP-2	Health and Safety	210	Days	\$ 4,200.00	-	\$0.00	\$882,000.00	210.0	\$882,000.00	210	\$ 882,000.00		
UP-3	Excavation of Soil and Debris	69,000	CY	\$ 8.75	-	\$0.00	\$603,750.00	69,000.0	\$603,750.00	69,000	\$ 603,750.00		
UP-4	LTTD Treatment of Non-TSCA Solids	48,564	CY	\$ 129.00	-	\$0.00	\$6,264,706.38	48,563.6	\$6,264,706.38	48,564	\$ 6,264,706.38		
UP-4A	LTTD Treatment of TSCA Solids	13,197	CY	\$ 161.00	-	\$0.00	\$2,124,658.17	13,196.6	\$2,124,658.17	13,197	\$ 2,124,658.17		
UP-5	Off-site Disposal of Metals Containing Contaminating Solids	3,540	Ton	\$ 160.00	-	\$0.00	\$566,400.00	3,540.0	\$566,400.00	3,540	\$ 566,400.00		
UP-5A	Off-Site Disposal of Non-RCRA/Non-TSCA Debris	322	Ton	\$ 72.00	-	\$0.00	\$23,184.00	322.0	\$23,184.00	322	\$ 23,184.00		
UP-5B	Off-site Disposal of RCRA Debris	322	Ton	\$ 160.00	-	\$0.00	\$51,520.00	322.0	\$51,520.00	322	\$ 51,520.00		
UP-5C	Off-site Disposal of TSCA Debris	322	Ton	\$ 180.00	-	\$0.00	\$57,960.00	322.0	\$57,960.00	322	\$ 57,960.00		
UP-6	Backfill with Treated Soil or PCO	68,760	CY	\$ 9.90	-	\$0.00	\$680,726.48	68,760.3	\$680,726.48	68,760	\$ 680,726.48		
UP-7	Post Excavation Soil Sampling	150	Sample	\$ 880.00	-	\$0.00	\$132,000.00	150.0	\$132,000.00	150	\$ 132,000.00		
UP-8	Water Treatment	1,000,000	Gal.	\$ 0.36	-	\$0.00	\$360,000.00	1,000,000.0	\$360,000.00	1,000,000	\$ 360,000.00		
UP-9	NAPL Disposal Off-site	32,000	Ton	\$ 1.27	-	\$0.00	\$40,640.00	32,000.0	\$40,640.00	32,000	\$ 40,640.00		
UP-10	Monitoring Well Decommissioning	21	Wells	\$ 1,000.00	-	\$0.00	\$21,000.00	21.0	\$21,000.00	21	\$ 21,000.00		
UP-11	Site Restoration-Topsoli + Seeding	10	Acres	\$ 30,000.00	-	\$0.00	\$300,000.00	10.0	\$300,000.00	10	\$ 300,000.00		
UP-12	Clean Crushing & Processing	1,087	CY	\$ 25.00	-	\$0.00	\$27,168.75	1,086.8	\$27,168.75	1,087	\$ 27,168.75		
All 1	Pollution Insurance	1	LS	\$ 20,000.00	0%	\$0.00	\$20,000.00	100%	\$20,000.00	100%	\$ 20,000.00		
						\$ -	\$ 16,567,313.78		\$ 16,567,313.78		\$ 16,567,313.78		
						Original Contract	16,835,015.00						
						Net savings	267,701.22						
Crush & LTTD (25% Clean Concrete)													

Crush & LTTD (25% Clean Concrete)

1	Total CY of crushables	4,347	CY
2	% of 'clean' crushables - no LTTD	25%	
3	Total CY of clean crushing	1,087	CY
4	Total CY of crush & LTTD	3,260	CY
5	% non-TSCA excavations on job	79%	
6	% TSCA excavations on job	21%	
7	Total non-TSCA debris for crush / LTTD	2,564	CY
8	Total TSCA debris for crush / LTTD	697	CY
9	Total CY of soil/debris for LTTD	61,760	CY
10	Backfill qty increase	3,260	CY
11	Clean crushed aggregate	1,087	CY

ATTACHMENT 3

Gorton, Lisa

From: David MacDougall [dmacdougall@dacollins.com]
Sent: Friday, February 09, 2007 11:15 AM
To: Swan, Lisa
Subject: RE: Proposal for Dust Screen at Crusher

Agreed. Thank you.

From: Swan, Lisa [mailto:Lisa.Swan@earthtech.com]
Sent: Fri 2/9/2007 10:44 AM
To: David MacDougall; mamason@gw.dec.state.ny.us
Cc: Jay Bradshaw
Subject: RE: Proposal for Dust Screen at Crusher

Dave,

Per our discussion, the pricing for installation and materials is acceptable with an understanding that we will not reimburse T&M for operations and maintenance.

Lisa

From: David MacDougall [mailto:dmacdougall@dacollins.com]
Sent: Fri 2/9/2007 8:20 AM
To: mamason@gw.dec.state.ny.us
Cc: Jay Bradshaw; Swan, Lisa
Subject: Proposal for Dust Screen at Crusher

Mike,

Per our discussion, DAC is proposing a dust screen barrier on the downwind side of the crushing operation. General design elements are as follows:

- * 25' high x 50' panel sections, secured to Class 2 utility poles
- * Each panel section has three tension cables, turnbuckles, and associated hardware for thru bolt connections at poles.
- * The fabric is a woven polypropylene, 7.6 oz, 20 mil, highly tear and puncture resistant

DAC is recommending a 300' barrier which will form a half circle enclosure around the downwind side and includes a section that abuts the walkway to the DAC decon trailer. Pricing would be \$80.00 / LF for the installation and removal. Any maintenance or repairs would be T&M.

There are fabric samples and a cut sheet in the DAC trailer. This fabric was used successfully on a bridge tower project for sandblast grit containment and worked well despite very windy conditions. Please note that this fabric does allow some air to pass through and won't stop all the dust. However, I think it should provide a substantial improvement to the dust issue around the crusher.

I have not had a chance to review this with Lisa yet. I will review with her when she gets time around the POP test. Let me

5/23/2007

ATTACHMENT 4

D.A. COLLINS CONSTRUCTION CO., INC.
P.O. Box 191, Mechanicville, N. Y.

Bill To:

D.E.C

Date:

1-26-07 FRI

34 Freemans Bridge Road

Job:

2006516

Shenectady New York

Phase:

920-920-001

Description of Work Ordered: Asbestos Cabinet Removal

MATERIALS

Quantity	Unit	Description	Unit Price	Amount
Total Amount Material				\$0.00

SUBCONTRACTORS

Quantity	Unit	Description	Unit Price	Amount
1	LS	Precision Industrial	\$1,660.00	\$1,660.00
		5% Mark-up for Subs		\$83.00
Total Amount Subcontractor				\$1,743.00

EQUIPMENT

Mach. No.	Description	Hours	Rate	Amount
2420	Loader 70Z with Forks	1.5	\$51.78	\$77.67
2421	Excavator SK250 w/ Thumb	1	\$86.30	\$86.30
Total Amount Equipment				\$163.97

LABOR

Name	Classification	Hours	Rate	Amount
Michael Hernigle	Laborer Form Haz	2.5	\$60.99	\$152.48
Mark Loundsbury	Operator A HAZ	2.5	\$76.53	\$191.33
Total Amount Labor				\$343.80

Grand Total, Subcontractors, Material, Equipment & Labor

\$2,250.77

Superintendent / Foreman

M. Landon

Approved By

Precision Industrial Maintenance, Inc.

1710 Erie Boulevard
Schenectady, NY 12308

Phone # 518-346-5800
Fax # 518-346-6077

DK
12/18/06

Invoice

Date	Invoice #
------	-----------

11/22/2006 3321

Bill To

DA Collins Environmental Services
101 Route 67
Mechanicville, NY 12118e

Site Address

34 Freemans Bridge Road
Glenville, NY 12302

P.O. No.	Terms	Rep.	Job #
699-3000-31	Net 30	CWC	06-0540

Description	Quantity	Rate	Amount
Removal & Disposal of ACM File Cabinets 11/01/06 Labor, Equipment, Material & Disposal as per Quote	1	1,660.00	1,660.00T

RECEIVED
NOV 29 2006
D.A. COLLINS, CONST.

I certify that all expenditures reported (or payments requested) are for appropriate purposes; are correct and just in accordance with the terms of the Agreement and that payment has not been received.

Signed _____

A 1 1/2% per month late charge to be assessed on past due amounts over 30 days.

Subtotal	\$1,660.00
Sales Tax (8.0%)	\$132.80
Total	\$1,792.80
Payments/Credits	\$0.00
Balance Due	\$1,792.80