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May 9, 2011

Mr. Jeffrey Dyber, P.E.
Division of Environmental Remediation
Remediation Bureau A
New York State Department of Environmental Conservation
625 Broadway
Albany, NY 12233-7015

PROJECT: NYSDEC Standby Contract No. D006131
Work Assignment No.: D006131-4
Pall Corporation Site

SUBJECT: Re-budget of Task 2 and Task 4
Scope and Cost Justification

Dear Mr. Dyber:

Camp Dresser & McKee (CDM) is pleased to present this cost justification letter that outlines the re-budget to the approved work plan for the above referenced work assignment. The revisions are for re-budget of Task 2 Pre-Design Sampling and Task 4 Remedial Design and note that the overall cost of this work assignment has not changed.

CDM has expended additional level of effort on three of the sub tasks under Task 2 including Groundwater sampling, Soil Sampling and the Tracer Dye test. The following bullets provide details on the additional level of effort and cost for each sub task and overall for Task 2. As discussed, CDM would move funds from Task 4, Remedial Design to cover these costs under Task 2.

- *Task 2 – Groundwater Gauging and Sampling* – CDM expended an additional level of effort on the groundwater gauging and sampling. In order to complete all the groundwater gauging in one day on both Pall and Photocircuits, CDM utilized 2 additional staff for 1 day and 8 hours per day for each employee. These two employees travelled from Edison, New Jersey office to the site and one remained onsite for the soil sampling that began the next day. This resulted in 16 additional hours for the groundwater gauging. In addition, the groundwater sampling took 1



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additional day than was estimated. This was due to the low flow sampling technique that was used and wells taking longer to stabilize prior to sampling. This required 2 CDM staff and additional 10 hours each for a total of 20 hours. The total additional hours for the groundwater gauging and sampling was 36 hours and \$3,819 in direct labor cost.

- *Task 2 – Soil Sampling* - CDM expended additional labor hours completing the soil sampling task and this was due to the additional time need by the drillers to collect discrete soil samples and the method used by the drillers. This method was more labor intensive which was the reason for them adding a second person to assist. This required 4 additional days beyond the two weeks that was budgeted to collect these samples. This required an additional 4 days of field time for one person at 10 hours per day for a total of 40 hours and \$4,243 in direct labor cost.
- *Task 2 – Tracer Dye Testing* - The tracer dye test included the dye injection and monitoring every 3 weeks for a period of 26 weeks. CDM assumed 1 day for the dye injection, however an additional day was needed due to the time it took to set the packers in the well at the proper depth, time to inject the dye at the proper pressure and inject the flush water. The dye injection involved 1 additional day at 12 hours for 1 employee and a direct labor cost of \$1,273.

CDM estimated 10 hours per tracer test sample round for sampling and follow-up with the sample results for the 26 weeks and 9 sample events. However, CDM has expended approximately 18 hours per sample event between preparation for the sampling event, conducting the sampling in one day with a person traveling to and from Albany and review of the data in preparation for the next sample event. This 8 additional hours per event is for 3 to 4 CDM staff as follows; 4 additional hours for the one person to prepare and conduct the sampling and 4 hours for 2 to 3 CDM staff to review the data of the previous round and confirm the locations to be sampled for the next round. This has resulted in an additional 72 hours of labor for 9 sampling events and \$7,638 in direct labor cost.



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The following table provides a summary of the level of effort and labor costs associated with this rebudget.

Task 2	Direct Labor Dollars	Labor Hours	Total Cost
Groundwater Gauging and Sampling	\$3,819	36	\$3,819
Soil Sampling	\$4,243	40	\$4,243
Tracer Dye Test	\$8,911	84	\$8,911
	Total	160	\$16,973

Therefore, to cover the cost of additional time on the groundwater gauging/sampling, soil sampling and through the 26 weeks of dye testing CDM would need to reallocate 160 hours and \$16,973 in direct labor costs from Task 4 to Task 2.

If you have any questions regarding this rebudget or need additional information, please contact me at (518) 782-4500.

Very truly yours,

John P. Blaum, P.E.
Senior Project Manager
Camp Dresser & McKee

Schedule 2.11(a)

Summary of Work Assignment Price

Work Assignment Number D006131-4 - Pall Corporation (Rebudget)

1) Direct Salary Costs (Schedules 2.10(a) and 2.11(b))	<u>\$101,222</u>
2) Indirect Costs (Schedule 2.10(g))	<u>\$169,952</u>
3) Direct Non-Salary Costs (Schedules 2.10(b)(c)(d) and 2.11(c)(d))	<u>\$31,878</u>
4) Subcontract Costs	

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

<u>Name of Subcontractor</u>	<u>Services To Be Performed</u>	<u>Subcontract Price</u>
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i) None

A) Total Cost-Plus-Fixed-Fee Subcontracts	<u>\$0</u>
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Unit Price Subcontracts (Schedule 2.10 (f) and 2.11 (f))

<u>Name of Subcontractor</u>	<u>Services To Be Performed</u>	<u>Subcontract Price</u>
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i) Upstate Labs	Analytical Services	\$7,679
ii) CRA	Data Validation	\$1,590
iii) Aztech	Geoprobe	\$17,897
iv) Crawford	Lab - dye testing	\$19,168
v) Land, Air, Water Env. Services Inc.	Dye Injection	\$2,800
vi) Advanced Geological	Geophysical Survey	\$3,800
vii) Inovative Recycling Technologies Inc	IDW	\$18,440

B) Total Unit Price Subcontracts	<u>\$71,374</u>
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5) Subcontract Management Fee	<u>\$2,915</u>
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6) Total Subcontract Costs (lines 4A + 4B + 5)	<u>\$74,289</u>
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7) Fixed Fee (Schedule 2.10(h))	<u>\$18,982</u>
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8) Total Work Assignment Price (Lines 1 + 2 + 3 + 6 + 7)	<u>\$396,324</u>
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Engineer/Contract # D006131
 Project Name Pall Corporation
 Work Assignment No. 4 (rebudget)

Date Prepared: 5/9/2011

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

Labor Classification	IX		VIII		VII		VI		V		IV		III		II		I		Tech. Support		Admin Support		Total No. of Direct Labor Hours and Costs Budgeted	
	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost
Year 2009		\$66.26		\$60.35		\$52.90		\$46.67		\$39.36		\$33.38		\$29.07		\$25.92		\$21.75		\$21.45		\$21.45		
Task 1 - Work Plan Development and Project Meetings																								
Task 1.1 Work Plan Development - Site Visit	1	\$66	2	\$121	8	\$423	60	\$2,800	0	\$0	20	\$668	20	\$581	0	\$0	0	\$0	0	\$0	4	\$86	115	\$4,745
Task 1.2 Background Information Review	1	\$66	4	\$241	50	\$2,645	66	\$3,080	32	\$1,260	48	\$1,602	65	\$1,890	0	\$0	0	\$0	0	\$0	8	\$172	274	\$10,956
Task Subtotals	2	\$133	6	\$362	58	\$3,068	126	\$5,880	32	\$1,260	68	\$2,270	85	\$2,471	0	\$0	0	\$0	0	\$0	12	\$257	389	\$15,701
Task 2 - Pre-Design Sampling & Testing																								
Task 2.1 Groundwater Measurement and Sampling	0	\$0	0	\$0	4	\$212	23	\$1,073	0	\$0	61	\$2,036	40	\$1,163	0	\$0	0	\$0	0	\$0	2	\$43	130	\$4,527
Task 2.2 Supplemental Soil Boring Investigation	0	\$0	0	\$0	14	\$741	8	\$373	0	\$0	100	\$3,338	50	\$1,454	0	\$0	0	\$0	0	\$0	2	\$43	174	\$5,948
Task 2.3 Review of Existing Hydraulic Data	0	\$0	4	\$241	4	\$212	8	\$373	0	\$0	20	\$668	40	\$1,163	0	\$0	0	\$0	0	\$0	2	\$43	78	\$2,700
Task 2.4 Hydraulic Testing	0	\$0	0	\$0	4	\$212	14	\$653	0	\$0	72	\$2,403	72	\$2,093	0	\$0	0	\$0	0	\$0	2	\$43	164	\$5,404
Task 2.5 Tracer Testing	0	\$0	0	\$0	30	\$1,587	45	\$2,100	26	\$1,023	10	\$334	305	\$8,866	0	\$0	0	\$0	0	\$0	2	\$43	418	\$13,954
Task 2.6 Supplemental Report	0	\$0	2	\$121	24	\$1,270	40	\$1,867	0	\$0	115	\$3,839	32	\$930	0	\$0	0	\$0	8	\$172	8	\$172	229	\$8,369
Task Subtotals	0	\$0	6	\$362	80	\$4,232	138	\$6,440	26	\$1,023	378	\$12,618	539	\$15,669	0	\$0	0	\$0	8	\$172	18	\$386	1193	\$40,902
Task 3 - Site Conceptual Model																								
Task 3.1 Conceptual Model Development	1	\$66	2	\$121	40	\$2,116	55	\$2,567	0	\$0	60	\$2,003	30	\$872	0	\$0	0	\$0	16	\$343	4	\$86	208	\$8,174
Task 3.2 Comparison & Selection of Remedial Alternative	0	\$0	2	\$121	60	\$3,174	62	\$2,894	0	\$0	48	\$1,602	32	\$930	0	\$0	0	\$0	12	\$257	8	\$172	224	\$9,150
Task Subtotals	1	\$66	4	\$241	100	\$5,290	117	\$5,460	0	\$0	108	\$3,605	62	\$1,802	0	\$0	0	\$0	28	\$601	12	\$257	432	\$17,323
Task 4 - Remedial Design																								
Task 4.1 Preliminary Design (30%)	2	\$133	16	\$966	14	\$741	32	\$1,493	0	\$0	40	\$1,335	50	\$1,454	0	\$0	0	\$0	24	\$515	4	\$86	182	\$6,721
Task 4.2 Intermediate Design (60%)	1	\$66	8	\$483	6	\$317	0	\$0	16	\$630	80	\$2,670	70	\$2,035	0	\$0	0	\$0	24	\$515	8	\$172	213	\$6,888
Task 4.3 Final Design (100%)	2	\$133	8	\$483	8	\$423	16	\$747	0	\$0	32	\$1,068	72	\$2,093	0	\$0	0	\$0	2	\$43	2	\$43	142	\$5,032
Task 4.4 Bidding Assistance	0	\$0	0	\$0	0	\$0	24	\$1,120	0	\$0	30	\$1,001	60	\$1,744	0	\$0	0	\$0	0	\$0	4	\$86	118	\$3,951
Task 4.5 Construction Cost Estimate	1	\$66	2	\$121	64	\$3,386	8	\$373	0	\$0	8	\$267	8	\$233	0	\$0	0	\$0	8	\$172	4	\$86	103	\$4,703
Task Subtotals	6	\$398	34	\$2,052	92	\$4,867	80	\$3,734	16	\$630	190	\$6,342	260	\$7,558	0	\$0	0	\$0	58	\$1,244	22	\$472	758	\$27,296
Total Hours	9		50		330		461		74		744		946		0		0		94		64		2772	
Total Direct Labor Cost (\$)		\$596		\$3,018		\$17,457		\$21,515		\$2,913		\$24,835		\$27,500		\$0		\$0		\$2,016		\$1,373		\$101,222

Engineer/Contract D006131
 Project Name Pall Corporation
 Work Assignment No. 4 (rebudget)

Date Prepared: 5/9/2011

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

<i>Labor Classification</i>	<i>IX</i>	<i>VIII</i>	<i>VII</i>	<i>VI</i>	<i>V</i>	<i>IV</i>	<i>III</i>	<i>II</i>	<i>I</i>	<i>Tech. Support</i>	<i>Admin. Support</i>	<i>Total No. of Direct Labor Hrs.</i>
Task 1 Work Plan Development/Information Review/Site Visit	1	2	1	2	0	0	0	0	0	0	12	18
Task 2 Pre-Design Sampling & Analysis	0	1	1	2	0	0	0	0	0	0	18	22
Task 3 Site Conceptual Model	1	2	1	2	0	0	0	0	0	0	12	18
Task 4 Remedial Design	3	4	1	2	0	0	0	0	0	0	22	32
TOTAL HOURS	5	9	4	8	0	0	0	0	0	0	64	90

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

- 1) Work Plan Budget Development
 - > Conflict of Interest Check
 - > Budget schedules & supporting documentation
- 2) Review work assignment (WA) progress
 - > Conduct progress reviews
 - > Prepare monthly project report
 - > Update WA progress schedule
 - > Prepare M/WBE Utilization Report
- 3) Contractor Application for Payment (CAP)
 - > Oversee and prepare monthly CAP

- 4) Program Management
 - > Prepare monthly cost control report
 - > Cost control reviews
 - <> Staffing Plans
 - > Manage subcontracts
 - > NSPE list update
 - > Equipment inventory
- 5) Miscellaneous
 - > Conduct Health and Safety Reviews
 - > Word processing and graphic artists
 - > Report editing

Contract/Project Administration hours would **not** include:

- 1) QA/QC reviews
- 2) Technical oversight by management
- 3) Develop subcontracts
- 4) Work plan development
- 5) Review of deliverables

Schedule 2.11 (c)

Direct Non-Salary Costs

Work Assignment Number D006131-4 - Pall Corporation

Item	Max. Reimbursement * Rate (Specify Unit)	Est. No. of Units	Total Estimated Cost
A) Other			
1) Mailings/FedEx	LS	1	\$3,500.00
2) Outside Printing	LS	1	\$7,500.00
B) Miscellaneous			
1) Meals (per day)	\$64.00	40	\$2,560.00
2) Lodging (per day)	\$162.00	40	\$6,480.00
3) Mileage (per mile)	\$0.550	10000	\$5,500.00
4) LVE (per manhour)	\$1.00	628	\$628.00
5) PPE (Level D per day)	\$15.00	80	\$1,200.00
		Total Direct Non-Salary Costs	<u>\$27,368.00</u>

Schedule 2.11(d) 3

Maximum Reimbursement Rate for Vendor Rented Equipment

Item	Unite Rate	Est. Usage (weeks)	Est. Rental Cost (\$) (Col. 2 x 3)
PID (per week)	\$105	4	\$420
YSI meter	\$500	1	\$500
Peristaltic Pump/low flow pump (2)	\$200	2	\$400
Water Level Meter	\$50	4	\$200
CGI	\$75	4	\$300
Generator	\$100	2	\$200
Pressure Transducers (6 units for two weeks)	\$125	12	\$1,500
Logger programming device (rugged reader)	\$100	1	\$100
Submersible pump for Hydraulic testing	\$160	1	\$160
Barometric pressure transducer	\$60	1	\$60
Water meter (flow)	\$30	1	\$30
		TOTAL:	\$3,870

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

Work Assignment No. D006131-4

Schedule 2.11(d) 5

Consumable Supplies

Item	Estimated Quantity	Unit Cost (\$)	Total Budgeted Cost (Col. 2 x3) (\$)
Poly Tubing (feet)	1000	\$0.50	\$500.00
Disposable Bailers (2 cases - 24 per case)	2	\$70.00	\$140.00
		TOTAL	\$640.00

Schedule 2.11 (f)
Pall Corporation
Unit Price Subcontracts
Work Assignment Number D006131-4

Name of Subcontractor	Services to be Performed	Subcontract Price	Subcontractor Fee
<u>Aztech Technologies Inc.</u>	Geoprobe Services	<u>\$17,897</u>	895

Item/Description	Quantity	Units	Unit Price	Total
Mob/Demob	10	days	\$2,725.00	\$2,725.00
Senior Technician/Driller		per hour		incl
Technician		per hour		incl
Permits		LS		n/a
Rig Mileage Rate		per mile		incl
Per Diem Rate		per day		incl
Prevailing Wage Upcharge		per day		n/a
Support Truck Mileage Rate		per mile		n/a
Utility Clearance		LS		incl
Drill Rig and Crew				
Track Drill Rig & Crew (1 man crew)	10	per day	\$1,050.00	10500
Overtime Rate		per hour	\$135.00	
Soil Sampling & Temporary Monitoring Wells				
standard Macro Core Soil Samples with Acetate Liners	180	each	\$6.00	1080
1" Sch40 PVC Riser		per foot	--	
1" Sch40 PVC 010 Slot Screen to be pulled up in 10-foot increments for groundwater profiling		per foot	--	
1" PVC Cap		each	--	
Sand and Bentonite Grouting of hole to ground surface	720	per foot	\$1.50	1080
Groundwater Sample	0	each	\$5.00	0
Disposable points for sampling, if required	0	each	\$5.00	0
Soil Vapor Point Installation				
Shallow Soil Vapor Point Installation (0-8')*	4	each	\$83.00	332
Deep Soil Vapor Point Installation (8'-16')*		each		
Miscellaneous				
Decontamination	4	per hour	\$80.00	320
Standby Time	2	per hour	\$80.00	160
55-Gallon DOT Drum	12	each	\$48.00	576
poly tubing	incl	incl		
Subtotal				\$16,773
8% third year cost increase - as per contract (excludes mob/demob cost)				
TOTAL				\$17,897

Schedule 2.11 (f)
Pall Corporation Site
Unit Price Subcontracts
Work Assignment Number D006131-4

Name of Subcontractor Upstate
Services to be Performed Laboratory
Subcontract Price \$7,679
Management Fee \$0

Item	Max. Reimbursement Rate	Specify Unit	Est. No. of Units	Total Est. Cost
Groundwater Sampling				
LABORATORY ANALYSIS				
TCL VOCs +Freon 8360B	\$60.00	Sample	18	\$1,080
Total Organic Carbon (TOC)	\$9.45	Sample	12	\$113
Dissolved Organic Carbon	\$9.45	Sample	12	\$113
Chemical Oxygen Demand	\$7.10	Sample	12	\$85
Biological Oxygen Demand	\$7.70	Sample	12	\$92
Nitrate	\$5.90	Sample	12	\$71
Sulfate	\$4.75	Sample	12	\$57
Phosphate	\$7.70	Sample	12	\$92
Total Alkalinity	\$8.85	Sample	12	\$106
Total Iron	\$3.55	Sample	12	\$43
Priority Pollutant Metals	\$65.50	Sample	12	\$786
Methane/ethane/ethene	\$75.00	Sample	12	\$900
Subtotal				\$3,539
Soil Sampling				
LABORATORY ANALYSIS				
TCL VOCs +Freon 8360B	\$60.00	Sample	48	\$2,880
Total Organic Carbon (TOC)	\$10.05	Sample	6	\$60
Priority Pollutant Metals	\$74.95	Sample	6	\$450
Subtotal				\$3,390
Task 2C - RCRA Characteristics				
SAMPLING EQUIPMENT				
LABORATORY ANALYSIS				
RCRA Characteristics	\$375.00	Sample	2	\$750
Subtotal				\$750
Subtotal-Subcontract Price				\$7,679
Subcontract Management Fee*				\$0
TOTAL				\$7,679

* A subcontract management fee of 5% has been included for W/MBE subcontracts.

Schedule 2.11 (f)
Pall Corporation Site
Unit Price Subcontracts - Tracer Testing
Work Assignment Number D006131-4

Name of Subcontractor Crawford
Services to be Performed Laboratory - Tracer Testing
Subcontract Price \$19,168
Management Fee \$958

Item	Max. Reimbursement Rate	Specify Unit	Est. No. of Units	Total Est. Cost
Dye Tracer Study				
LABORATORY ANALYSIS				
Provide Dye - fluorescein	\$30.00	pound	25	\$750
Provide Dye - eosine	\$40.00	pound	35	\$1,400
Background analysis - charcoal	\$45.00	sample	30	\$1,350
Background analysis - water	\$43.50	sample	6	\$261
Test samples - charcoal	\$25.00	sample	412	\$10,300
Test samples - water	\$18.50	sample	83	\$1,536
Dye Receptors	\$4.50	sample	442	\$1,989
grab sample vials	\$1.00	sample	442	\$442
Charcoal Blanks	\$4.00	sample	30	\$120
Charcoal Blanks Analysis	\$25.00	sample	30	\$750
Shipping Dye mixed with water	\$240.00	each	1	\$240
Shipping Supplies	\$30.00	each	1	\$30
Subtotal				19,168
Subtotal-Subcontract Price				\$19,168
Subcontract Management Fee*				\$958
TOTAL				\$20,126

* A subcontract management fee of 5% has been included for subcontractors over \$10,000.

Schedule 2.11 (f)
Pall Corporation Site
Unit Price Subcontracts
Work Assignment Number D006131-4

Name of Subcontractor CRA
Services to be Performed Data Validation
Subcontract Price \$1,590
Management Fee \$0

Item	Max. Reimbursement Rate	Specify Unit	Est. No. of Units	Total Est. Cost
Groundwater Sampling				
LABORATORY ANALYSIS				
TCL VOCs +Freon 8360B	\$10.00	Sample	18	\$180
Total Organic Carbon (TOC)	\$5.00	Sample	12	\$60
Dissolved Organic Carbon	\$5.00	Sample	12	\$60
Chemical Oxygen Demand	\$5.00	Sample	12	\$60
Biological Oxygen Demand	\$5.00	Sample	12	\$60
Nitrate	\$5.00	Sample	12	\$60
Sulfate	\$5.00	Sample	12	\$60
Phosphate	\$5.00	Sample	12	\$60
Total Alkalinity	\$5.00	Sample	12	\$60
Total Iron	\$5.00	Sample	12	\$60
Priority Pollutant Metals	\$10.00	Sample	12	\$120
Methane/ethane/ethene	\$9.00	Sample	12	\$108
Subtotal				\$948
Soil Sampling				
LABORATORY ANALYSIS				
TCL VOCs +Freon 8360B	\$10.00	Sample	48	\$480
Total Organic Carbon (TOC)	\$7.00	Sample	6	\$42
Priority Pollutant Metals	\$10.00	Sample	6	\$60
Subtotal				\$582
Task 2C - RCRA Characteristics				
SAMPLING EQUIPMENT				
LABORATORY ANALYSIS				
RCRA Characteristics	\$30.00	Sample	2	\$60
Subtotal				\$60
Subtotal-Subcontract Price				\$1,590
Subcontract Management Fee*				\$0
TOTAL				\$1,590

* A subcontract management fee of 5% has been included for W/MBE subcontracts.

Schedule 2.11 (f)
Pall Corporation Site
Unit Price Subcontracts
Work Assignment Number D-006131-4

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
<u>Land, Air, Water Env. Services</u>	<u>Tracer Test Injection</u>	<u>\$2,800.00</u>	<u>\$140.00</u>

Item	Unit Rate	Units	Est. No. of Units	Total Est. Cost
Mobilization/Demobilization	\$400	LS	1	\$400.00
2-man crew, rig, truck, tank & equip	\$2,300	day	1	\$2,300.00
Modified Level D	\$50	man	2	\$100.00
			Subtotal	\$2,800.00

Subtotal-Subcontract Price	\$2,800.00
Subcontract Management Fee*	\$140.00
TOTAL	\$2,940.00

* A subcontract management fee of 5% has been included for subcontract

Schedule 2.11 (f)
Pall Corporation Site
Unit Price Subcontracts
Work Assignment Number D-006131-4

Name of Subcontractor	Services to be Performed	Subcontract Price	Management Fee
<u>Advanced Geological Services</u>	<u>Geophysical Survey</u>	<u>\$3,800.00</u>	<u>\$0.00</u>

<u>Item</u>	<u>Unit Rate</u>	<u>Units</u>	<u>Est. No. of Units</u>	<u>Total Est. Cost</u>
Geophysical Survey Services - 2 days	\$1,900	day	2	\$3,800.00

Subtotal \$3,800.00

Subtotal-Subcontract Price **\$3,800.00**

Subcontract Management Fee* **\$0.00**

TOTAL **\$3,800.00**

* A subcontract management fee of 5% has been included for subcont

Schedule 2.11 (f)
Pall Corporation Site
Unit Price Subcontracts
Work Assignment Number D-006131-4

Name of Subcontractor	Services to be Performed		Subcontract Price	Management Fee
<u>Inovative Recycling Technologies, Inc</u>			<u>\$18,440.00</u>	<u>\$922.00</u>
Item	Unit Rate	Units	Est. No. of Units	Total Est. Cost
<u>Two 4,000 Gallon Tanks for Hydraulic Testing</u>				
Mobilization	\$825	Each	2	\$1,650.00
Daily Rental	\$27	per day	120	\$3,240.00
Tank Cleaning	\$900	Each	2	\$1,800.00
Demobilization	\$825	Each	2	\$1,650.00
<u>Disposal Hazardous and Non-Hazardous Waste - Soil, water & plastic debris</u>				
Non-hazardous	\$125	Per Drum	10	\$1,250.00
Hazardous	\$425	Per Drum	2	\$850.00
<u>Treatment/Disposal of Water From Tanks</u>				
3,000 gallons Non-Hazardous	1750	LS	1	\$1,750.00
3,000 gallons Hazardous	6250	LS	1	\$6,250.00
			<u>Subtotal</u>	<u>\$18,440.00</u>
Subtotal-Subcontract Price				\$18,440.00
Subcontract Management Fee*				<u>\$922.00</u>
TOTAL				<u><u>\$19,362.00</u></u>

* A subcontract management fee of 5% has been included for subcontracts over \$10,000.

Schedule 2.11 (g)

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

Engineer Camp Dresser & McKee
 Contract No. D006131
 Project Name Pall Corporation
 Work Assignment No. D006131-4 (rebudget)
 Task #/Name 2.11 (g) Summary
 Complete 0%

Page 1 of 5
 Date Prepared 5/9/11
 Billing Period _____
 Invoice No. _____

<i>Expenditure Category</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>
	<i>Costs Claimed This Period</i>	<i>Paid to Date</i>	<i>Total Disallowed to Date</i>	<i>Total Costs Incurred to Date (A+B+C)</i>	<i>Estimated Costs to Completion</i>	<i>Estimated Total Work Assignment Price (A+B+E)</i>	<i>Approved Budget</i>	<i>Estimated Under/Over (G-F)</i>
1. Direct Salary Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$101,222	\$0
2. Indirect Costs - 167.9%	\$0	\$0	\$0	\$0	\$0	\$0	\$169,952	\$0
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$271,175	\$0
4. Travel	\$0	\$0	\$0	\$0	\$0	\$0	\$14,540	\$0
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$17,338	\$0
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$31,878	\$0
7. Subcontractors	\$0	\$0	\$0	\$0	\$0	\$0	\$71,374	\$0
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$2,915	\$0
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$377,342	\$0
9. Fixed Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$18,982	\$0
10. Total Work Assignment Price	\$0	\$0	\$0	\$0	\$0	\$0	\$396,324	\$0

Project Manager John P. Blaum, P.E.

Date 1/15/09

Schedule 2.11 (g)

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

Engineer Camp Dresser & McKee
 Contract No. D006131
 Project Name Pall Corporation
 Work Assignment No. D006131-4 (rebudget)
 Task #/Name Task 1 - Work Plan Development/Information Review-Site Visit
 Complete 0%

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 Date Prepared 5/9/11
 Billing Period _____
 Invoice No. _____

<i>Expenditure Category</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>
	<i>Costs Claimed This Period</i>	<i>Paid to Date</i>	<i>Total Disallowed to Date</i>	<i>Total Costs Incurred to Date (A+B+C)</i>	<i>Estimated Costs to Completion</i>	<i>Estimated Total Work Assignment Price (A+B+E)</i>	<i>Approved Budget</i>	<i>Estimated Under/Over (G-F)</i>
1. Direct Salary Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$15,701	\$0
2. Indirect Costs - '167.9%	\$0	\$0	\$0	\$0	\$0	\$0	\$26,362	\$0
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$42,063	\$0
4. Travel	\$0	\$0	\$0	\$0	\$0	\$0	\$500	\$0
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$500	\$0
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000	\$0
7. Subcontractors	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$43,063	\$0
9. Fixed Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$2,944	\$0
10. Total Work Assignment Price	\$0	\$0	\$0	\$0	\$0	\$0	\$46,007	\$0

Project Manager John P. Blaum, P.E.

Date 1/15/09

Schedule 2.11 (g)

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

Engineer Camp Dresser & McKee
 Contract No. D006131
 Project Name Pall Corporation
 Work Assignment No. D006131-4 (rebudget)
 Task #/Name Task 2 - Pre-Design Sampling & Analysis
 Complete 0%

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 Date Prepared 5/9/11
 Billing Period _____
 Invoice No. _____

<i>Expenditure Category</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>
	<i>Costs Claimed This Period</i>	<i>Paid to Date</i>	<i>Total Disallowed to Date</i>	<i>Total Costs Incurred to Date (A+B+C)</i>	<i>Estimated Costs to Completion</i>	<i>Estimated Total Work Assignment Price (A+B+E)</i>	<i>Approved Budget</i>	<i>Estimated Under/Over (G-F)</i>
1. Direct Salary Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$40,902	\$0
2. Indirect Costs <u>167.9%</u>	\$0	\$0	\$0	\$0	\$0	\$0	\$68,674	\$0
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$109,576	\$0
4. Travel	\$0	\$0	\$0	\$0	\$0	\$0	\$13,540	\$0
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$9,088	\$0
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$22,628	\$0
7. Subcontractors	\$0	\$0	\$0	\$0	\$0	\$0	\$71,374	\$0
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$2,915	\$0
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$206,493	\$0
9. Fixed Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$7,670	\$0
10. Total Work Assignment Price	\$0	\$0	\$0	\$0	\$0	\$0	\$214,164	\$0

Project Manager John P. Blaum, P.E.

Date 1/15/09

Schedule 2.11 (g)

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

Engineer Camp Dresser & McKee
 Contract No. D006131
 Project Name Pall Corporation
 Work Assignment No. D006131-4 (rebudget)
 Task #/Name Task 3 - Site Conceptual Model
 Complete 0%

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 Date Prepared 5/9/11
 Billing Period _____
 Invoice No. _____

<i>Expenditure Category</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>
	<i>Costs Claimed This Period</i>	<i>Paid to Date</i>	<i>Total Disallowed to Date</i>	<i>Total Costs Incurred to Date (A+B+C)</i>	<i>Estimated Costs to Completion</i>	<i>Estimated Total Work Assignment Price (A+B+E)</i>	<i>Approved Budget</i>	<i>Estimated Under/Over (G-F)</i>
1. Direct Salary Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$17,323	\$0
2. Indirect Costs <u>167.9%</u>	\$0	\$0	\$0	\$0	\$0	\$0	\$29,086	\$0
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$46,409	\$0
4. Travel	\$0	\$0	\$0	\$0	\$0	\$0	\$250	\$0
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$250	\$0
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$500	\$0
7. Subcontractors	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$46,909	\$0
9. Fixed Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$3,249	\$0
10. Total Work Assignment Price	\$0	\$0	\$0	\$0	\$0	\$0	\$50,158	\$0

Project Manager John P. Blaum, P.E.

Date 1/15/09

Schedule 2.11 (g)

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

Engineer Camp Dresser & McKee
 Contract No. D006131
 Project Name Pall Corporation
 Work Assignment No. D006131-4 (rebudget)
 Task #/Name Task 4 - Remedial Design
 Complete 0%

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 Date Prepared 5/9/11
 Billing Period _____
 Invoice No. _____

<i>Expenditure Category</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>
	<i>Costs Claimed This Period</i>	<i>Paid to Date</i>	<i>Total Disallowed to Date</i>	<i>Total Costs Incurred to Date (A+B+C)</i>	<i>Estimated Costs to Completion</i>	<i>Estimated Total Work Assignment Price (A+B+E)</i>	<i>Approved Budget</i>	<i>Estimated Under/Over (G-F)</i>
1. Direct Salary Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$27,296	\$0
2. Indirect Costs <u>167.9%</u>	\$0	\$0	\$0	\$0	\$0	\$0	\$45,830	\$0
3. Subtotal Direct Salary Costs and Indirect Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$73,126	\$0
4. Travel	\$0	\$0	\$0	\$0	\$0	\$0	\$250	\$0
5. Other Non-Salary Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$7,500	\$0
6. Subtotal Direct Non-Salary Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$7,750	\$0
7. Subcontractors	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7a. Subcontract Mgt. Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8. Total Work Assignment Cost	\$0	\$0	\$0	\$0	\$0	\$0	\$80,876	\$0
9. Fixed Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$5,119	\$0
10. Total Work Assignment Price	\$0	\$0	\$0	\$0	\$0	\$0	\$85,995	\$0

Project Manager John P. Blaum, P.E.

Date 1/15/09

Schedule 2.11 (g) - Supplemental
Cost Control Report for Subcontracts

Engineer Camp Dresser & McKee
 Contract No. D006131
 Project Name Pall Corporation
 Work Assignment No. D006131-4 (rebud;

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Subcontract Name	A	B	C	D	E	F	G
	<i>Subcontract Costs Claimed this Application Inc. Resubmittals</i>	<i>Subcontract Costs Approved for Payment on Previous Applications</i>	<i>Total Subcontract Costs to Date (A plus B)</i>	<i>Subcontract Approved Budget</i>	<i>Management Fee Budget</i>	<i>Management Fee Paid</i>	<i>Total Costs to Date (C plus F)</i>
1. Upstate Labs	\$0	\$0	\$0	\$7,679	\$0	\$0	\$0
2. Conestoga-Rover Associates	\$0	\$0	\$0	\$1,590	\$0	\$0	\$0
3. Aztech	\$0	\$0	\$0	\$17,897	\$895	\$0	\$0
4. Crawford	\$0	\$0	\$0	\$19,168	\$958	\$0	\$0
5. LAWES	\$0	\$0	\$0	\$2,800	\$140	\$0	\$0
6. Advanced Geological Services	\$0	\$0	\$0	\$3,800	\$0	\$0	\$0
7. Inovative Recycling Technologies Inc	\$0	\$0	\$0	\$18,440	\$922	\$0	\$0
TOTALS	\$0	\$0	\$0	\$71,374	\$2,915	\$0	\$0

Project Manager John P. Blaum, P.E.

Date 1/15/2009

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/Contract # D006131
 Project Name Pall Corporation
 Work Assignment No. D006131-4 (rebudget)

Date Prepare 5/9/11
 Billing Period
 Invoice No.

<i>NSPE Labor Classification</i>	<i>IX Exp/Est</i>	<i>VIII Exp/Est</i>	<i>VII Exp/Est</i>	<i>VI Exp/Est</i>	<i>V Exp/Est</i>	<i>IV Exp/Est</i>	<i>III Exp/Est</i>	<i>II Exp/Est</i>	<i>I Exp/Est</i>	<i>Tech Exp/Est</i>	<i>Admin.</i>	<i>Total No. of Direct Labor Hrs. Exp/Est</i>
Task 1	0 / 2	0 / 6	0 / 58	0 / 126	0 / 32	0 / 68	0 / 85	0 / 0	0 / 0	0 / 0	0 / 12	0 / 389
Task 2	0 / 0	0 / 6	0 / 80	0 / 138	0 / 26	0 / 378	0 / 539	0 / 0	0 / 0	0 / 8	0 / 18	0 / 1193
Task 3	0 / 1	0 / 4	0 / 100	0 / 117	0 / 0	0 / 108	0 / 62	0 / 0	0 / 0	0 / 28	0 / 12	0 / 432
Task 4	0 / 6	0 / 34	0 / 92	0 / 80	0 / 16	0 / 190	0 / 260	0 / 0	0 / 0	0 / 58	0 / 22	0 / 758
Total Hours	0 / 9	0 / 50	0 / 330	0 / 461	0 / 74	0 / 744	0 / 946	0 / 0	0 / 0	0 / 94	0 / 64	0 / 2772

* Expended/Estimated