CIC #: 99EPA SUPERFUND

Billed Date: 01-Nov-2013

Customer Order Number: DW96942125

PASSAIC CPG OVERSIGHT 147757 BZ761

EPA 598

VOUCHER FOR TRANSFERS
BETWEEN APPROPRIATIONS AND/OR FUNDS (AR 37-1)

Mission Assignment No:

Accounts Of

D.O. Voucher No.	BU. Voucher No.	Bill No.	Paid By Check No.	Collection Vou. No.
		27065206		

Partial # 77 02-Oct-2013 Thru 01-Nov-2013

Billed Office (Mail To):

U S ENVIRONMENTAL PROTECTION AGENCY
ACCOUNTING OPERATIONS OFFICE
26 W MARTIN LUTHER KING DRIVE
CINCINNATI OH 45268-7002

Billing Office (Send Remittance To):

USACE FINANCE CENTER G5
KANSAS CITY DISTRICT G5
5720 INTEGRITY DRIVE

MILLINGTON TN 38054-5005

Billed Accounting Classification

068 068 X 8145.0000 2007 00 0000 00000000000 00000 $153,997.08

Billing Accounting Classification

096 NA X 3122.0000 G5 08 2416 868 022125 96231 $153,997.08

Line Item	Moa	Description	Eaid No	Amount
1	CONTRACT - OUTSIDE GOVERNMENT	PVT SCTR CONTRACTUAL ARCHITECTURAL & ENGINEERING SERVICES (AE CONTRACTOR EARNINGS)		$147,497.00
1	INHOUSE - LABOR	DEPARTMENTAL OVERHEAD COSTS		$1,699.30
1	INHOUSE - LABOR	GENERAL AND ADMINISTRATIVE OVERHEAD COSTS		$496.40
1	INHOUSE - LABOR	LABOR		$3,545.77
1	REIMBURSABLE - INSIDE CORPS	WORK PERFORMED BY OTHER COE EST		$758.61
			Subtotal:	$153,997.08

Total Billed Amount:	$153,997.08
Less Partial Amount Paid:	$0.00
Payment Due Date: 01-Dec-2013 **Pay This Amount:**	**$153,997.08**

CORPS CERTIFICATION

"I CERTIFY THAT THE ABOVE ARTICLES WERE DELIVERED AND OR THE SERVICES PERFORMED AS STATED AND THAT THE PAYMENT REQUESTED IS CORRECT TO THE BEST OF MY KNOWLEDGE, AND SHOULD BE PAID AND CHARGED TO THE APPROPRIATION(S) OR FUNDS AS INDICATED."

10Dec13 Elizabeth A Franklin

DATE SIGNATURE

Elizabeth A. Franklin
Project Manager

Funds Authorized:	$10,000,000.00
Total Billed Amount:	$7,522,217.48
Prev Billed Amount:	$7,368,220.40
Current Billed Amount:	$153,997.08
Total Flux Billed:	$0.00
Prev Flux Billed:	$0.00
Current Flux Billed:	$0.00

CERTIFICATE OF OFFICE BILLED

I certify that the above articles were received and accepted or the services performed as stated and should be charged to the appropriation(s) and/or fund(s) as indicated above, or that the advance payment requested is approved and should be paid as indicated.

Date:

Authorized Administrative or Certifying Officer

DA Form 4445-R

PROGRESS REPORT

KANSAS CITY DISTRICT
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ
IA Number: DW96942125

MONTHLY REPORT FOR OCTOBER 2013

	Revised Reimbursable (096X3122)	Direct Fund Cite	IA Totals (096X3122)
STATEMENT OF CHARGES FOR PERIOD:			
Total Funds Authorized:	$10,000,000.00	$0.00	$10,000,000.00
Less Total Expenditures: (-)	$7,522,217.48	$0.00	$7,522,217.48
Less Undelivered Orders: (-)	$2,070,874.27	$0.00	$2,070,874.27
Less Commitments: (-)	$1,450.65	$0.00	$1,450.65
Funds Available Balance:	$405,457.60	$0.00	$405,457.60

BILLING ACTIVITY (096X3122):

Bill Number: 27065206

Funds Expended During Report Period:	$153,997.08
Total Billed to Date:	$7,522,217.48

DIRECT FUND CITE PAYMENTS:

Funds Expended During Report Period:	$0.00
Total Expended to Date:	$0.00

PROGRESS REPORT

KANSAS CITY DISTRICT
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ
IA Number: DW96942125

Bill Number: 27065206
Bill Invoice Date: 01-NOV-2013

Monthly Billing Amount(096X3122): $153,997.08

Monthly Direct Fund Cite Contract Cost(068X8145): $0.00

Budget Categories	Costs for Current Month	Prior Month's Summary	Project Costs to Date
a Personnel	$2,216.10	$138,239.02	$140,455.12
b Fringe Benefits	$1,329.67	$73,018.06	$74,347.73
c Travel	$0.00	$11,275.42	$11,275.42
d Equipment	$0.00	$0.00	$0.00
e Supplies	$0.00	$0.00	$0.00
f Procurement	$147,497.00	$6,835,524.38	$6,983,021.38
g Construction	$0.00	$0.00	$0.00
h Other	$758.61	$177,357.48	$178,116.09
i Total Direct Charges	$151,801.38	$7,235,414.36	$7,387,215.74
j Total Indirect Charges	$2,195.70	$132,806.04	$135,001.74
k TOTAL	$153,997.08	$7,368,220.40	$7,522,217.48

LABOR BREAKOUT FOR MONTH:

Individual	Location	Function	Hours	Labor Amount
SHELLY M ALLEN	KANSAS CITY DISTRICT	PROGRAM ANALYST	4.00	$398.76
JAMES M. ARMSTRONG	KANSAS CITY DISTRICT	PROGRAM ANALYST	4.00	$323.18
ELIZABETH FRANKLIN	KANSAS CITY DISTRICT	HTRW PROJECT MANAGER	36.50	$4,819.72

PROGRESS REPORT

KANSAS CITY DISTRICT
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ

LABOR BREAKOUT FOR MONTH:

Individual	Location	Function	Hours	Labor Amount
JENNIFER L KOLARIK	KANSAS CITY DISTRICT	PROGRAM ANALYST	1.00	$71.09
JILL K. FRALEY	KANSAS CITY DISTRICT	SUPERVISORY GEOLOGIST	1.00	$128.72
TOTAL LABOR:			46.50	$5,741.47

Progress Report for EPA Region II

Site:	Diamond Alkali, Lower Passaic River (Extended Study): RI/FS Oversight, New Jersey			Phase:	RI/FS, OU4
Bill No.:	Partial #77 27065206	IAG No.: NWK	IAG: DW96942125/BZ761 IAG Award Date: 8/31/07	IAG Expiration Date: 3/31/18	Other Corps P2 #147757/FWI 96B4B2
Reporting Period:	From: October 2, 2013	To: November 1, 2013	EPA RPM Stephanie Vaughn	USACE PM Elizabeth Franklin	

Work Performed

Work Performed

- On 8 and 22 October 2013, participated in project progress conference call with EPA/COE/CDM/LB/HQI/BAT.
- Funding. No funding received during the reporting period.
  - MIPR charges by ERDC for travel support (E. Hayter attended modeling meetings)
- Invoices. TO 0005.
  - On 17 Oct 13, reviewed and approved CDM Invoice #17, totaling $147,497, for period 28 Jul – 24 Aug 13.
- Schedule.
  - On 19 Feb 13, RM 10.9 Path Forward list of milestones last updated.
  - On 12 Apr 13, received updated Summary of Deliverables from S. Budney.
  - In May 13, the CPG submitted schedule of RM 10.9 activities as part of the final design submittal.
  - On 30 Oct 13, received partial schedule for RM 10.9 capping activities.
  - On 31 Oct 13, conference call held with internal team to discuss the CPG capping schedule.
- Task Order 0005/WVN&ATP.
  - On 3 Oct 13, received revised draft WVN 4/ATP 8 for review.
  - On 8 Oct 13, provided significant comments on the WVN/ATP.
  - On 11 Oct 13, held conference call with F. Tsang and K. Tan of CDM regarding the comments and formatting of the WVN/ATP.
  - On 21 Oct 13, received revised WVN/ATP for backcheck and incorporation of comments. Performed detailed review of this version and informed CDM changes were acceptable.
  - On 30 Oct 13, received final WVN 4/ATP 8.
  - On 31 Oct 13, approved WVN 4/ATP 8 and distributed to project team.
- Task Order 0005/Subcontract.
  - During the reporting period, held several discussions with F. Tsang regarding a technical expert subcontractor. The subcontract had to be removed from the CDM contract.
  - Discussions were held with LBG regarding this subcontractor, who will be placed under the LBG prime contract for support and funding for their efforts will be under this IAG.
- During government shutdown, from 1 Oct – 16 Oct 13, provided all oversight and direction to CPG based upon guidance received from EPA. Provided written notification to CPG regarding work which should not be performed without EPA approval and communication/meetings which should not be held until EPA staff returned to work. Continued to monitor all communication to/from CPG and CDM/HDR-HQI and provided clarification regarding work that needed to stop during the shutdown period.
- River Mile 10.9.
  - On 9 and 23 Oct 13, participated in weekly managers conference calls to discuss dredging and capping status.
- On 23 Oct 13, participate in conference call to discuss lessons learned on the dredging operations at RM 10.9.
- Preparation of Progress Report and Project Expenditure spreadsheet.

Key Meetings This Period

- Regular project progress calls.
- Other project calls and meetings as noted throughout this progress report.

Key Contract Milestones Completed to Date	**MPI Task Order 0020: Contract W912DQ-06-D-0006, Expiration Date – 19 Sep 2012** 21 Sep 07 –Base Task Order, CPG RI/FS Oversight awarded for $349,601. 19 Jun 08 – Modification 01, CPG RI/FS Oversight was awarded for $274,903. **MPI Task Order 0010: Contract W912DQ-08-D-0017, Expiration Date – 15 Jan 2014** 16 Jan 09 – Base Task Order, CPG RI/FS Oversight was awarded for $65,000. 5 Mar 09 – Modification 0001 was awarded for $69,772. 24 Jun 09/1 Jul 09 - Modification 0002 was awarded for $49,756 (verbal on 24 Jun/written on 1 Jul). 3 Aug 09 – Modification 0003 was awarded for $378,843. 28 Aug 09: Contract Mod 4 was awarded, totaling $279,277. 1 Sep 09, Mod 5 (admin in nature) was signed. 29 Dec 09, Mod 6 was awarded, totaling $211,881. 9 Jul 10, Mod 7 was awarded, totaling $52,890. 28 Dec 10, Mod 8 was awarded, totaling $54,473. **CDM Task Order 0014: Contract W912DQ-08-D-0018, Expiration Date – 30 Jul 2014** 3 Aug 09 – Base Task Order, CPG RI/FS Oversight was awarded for $160,000 (verbal was given 31 Jul 09) 22 Aug 09: Contract Mod 1/TO 0014 was issued, totaling $175,902. 25 Aug 09; Mod 2 (admin in nature) was signed. 23 Dec 09; Mod 3 was awarded, totaling $493,000. 3 Mar 10; Mod 7 was awarded, totaling $283,000. (Numbering out of order due to electronic system error.) 14 May 10; Mod 8 was awarded, totaling $140,000. 9 Jun 10; Mod 9 was awarded, totaling $375,000. 21 Oct 10, Mod 10 was awarded, totaling $362,923 (note $63,000 of this funding is from IA 2023). 27 Dec 10, Mod 11 was awarded, totaling $74,426 (note funding split as follows: $50,000 is Passaic FFS, IA 1975 and $24,426 is Newark Bay, IA 2023). 4 May 11, Mod 12 was awarded, totaling $682,426 (note funding split as follows: $645,000 is IA 2023 and $37,426 is IA1975). 19 Sep 11, Mod 13 was awarded, totaling $150,000. **CDM Task Order 0005; Contract W912DQ-11-D-3004, Expiration Date – 15 Dec 2016** 15 Dec 11 – Base Task Order, CPG RI-FS Oversight was awarded for $770,000 24 Jan 12 – Mod 1 (admin in nature) was signed. 1 Jun 12 – Mod 2 was awarded, totaling $1,059,312. 7 Jan 13 – Mod 3 was awarded, totaling $1,500,000. 11 Jul 13 – Mod 4 was awarded, totaling $1,250,000.

Contractor Actions/ Accomplishments	**CDM** ☐ Management. CDM participated in progress calls as noted throughout this report, prepared the CDM progress report, invoice and continued management tasks. WVN 4/ATP 8 was prepared, revised and submitted for approval. Additional information may be found in the CDM Progress Report covering period September 29 – October 26, 2013. Information is also contained in daily email reports provided by CDM during specific fieldwork oversight efforts. ☐ CPG Fieldwork Planning Documents & Technical Support. o Prepared Hazard Quotient tables and figures for background areas considerations. ☐ CDM Fieldwork Oversight. o Completed validation of first and second rounds of high volume split sample data. o Continued split sample evaluation of CWCM routine data sets and continued preparing and reviewing report tables. o Initiated review of CPG high volume sample results. o Continued validation of background split tissue sample data. o During the entire reporting period, conducted field oversight and collection of split samples of the SSP2 sampling event. ☐ CDM Fieldwork Oversight Reporting. o On 24 Oct 13, submitted comments from review of CPG Draft 2012 Benthic Invertebrate Community Reference Data Report. ☐ CDM Data Manager/Website/Digital Library. o Ongoing improvement of data normalization with historical data sets as needed. o Continued upload and review of background split tissue sample data. o Continued upload and review of CWCM high volume event #2. ☐ CSO/SWO Sampling Oversight o On 7 Oct 13, performed oversight of the field sampling at Clay Street. ☐ CPG Risk Assessment ☐ Modeling. o Prepared year 2013 hydrodynamic model inputs for the CPG. ☐ River Mile 10.9 Removal Action Oversight. o On 4 Oct 13, reviewed CPGs RM 10.9 Post-Dredge Sediment Sampling Plan and submitted comments. o On 21 Oct 13, reviewed CPGs RM 10.9 capping plan and submitted comments. o On 23 Oct 13, participated in pre-capping mobilization call. o On 1 and 9 Oct 13, participated in oversight management calls. o Reviewed bathymetry surveys. o Lab coordination to add additional analyses to subcontract due to DESA lab shut down. ☐ Data Evaluation. o Continued work on 3D model. o Continued incorporating GIS layers for bathymetry into CDM GIS layers. o Continued to formulate data presentation plans and evaluate approaches to visualize and demonstrate site conditions. o Continued to formulate data presentation plans.

Progress Report for EPA Region II

Work, Meetings, Milestones FY2012/2013.	
Narrative	Note – See previous Progress Reports for dates of most recent CPG schedules. ☐ Risk Assessment Technical memoranda. Dates on specific deliverables have been removed; refer to previous progress reports for this information. ☐ CPG Reports/in progress, partial list. Full report status is listed in summary table from S. Budney; updated 12 Apr 13. o Benthic Fall 2009 Community Field Report. On 29 Jun 11, EPA provided comments to the CPG. o Habitat 2010 Summer Survey Field Report. On 13 Jul 11, EPA provided the comments to the CPG. o Spring and Summer 2010 Benthic Community Survey Data Report. On 2 Mar 12, CDM submitted comments to EPA. o Avian 2011 Winter/Spring Survey Field Report. On 17 Jul 12, draft report received from CPG. On 17 Oct 12, CDM submitted comments to EPA. o 2010 Small Forage Fish Tissue Chemistry Data. On 18 Jul 12, draft received from CPG. On 27 Nov 12, CDM submitted comments to EPA. o Low Resolution Coring Characterization Report. On 19 Sep 11, CDM submitted comments to EPA. o 2011 Caged Bivalve Study Data. On 18 Jul 12, draft received from CPG. On 27 Nov 12, CDM submitted comments to EPA. o Bathymetry June 2010 Multibeam Report. On 14 Jun 11, EPA provided the CPG with comments. o Draft 2009 and 2010 Sediment Chemistry Data. On 23 Dec 11, comments and data evaluation provided to EPA. o Draft 2009 Bioaccumulation Tissue Chemistry Data. On 10 Nov 11, CDM submitted comments to EPA. o Draft 2009 Fish and Blue Crab Tissue Chemistry Data. On 11 Nov 11, CDM submitted comments to EPA. o FS Work Plan. On 17 Jan 11, CDM submitted comments to EPA. o High Volume CWCM QAPP. On 14 Dec 12 Final QAPP received from CPG (rolling reviews). o Draft 2012 Benthic Invertebrate Community Reference Data Report. On 24 Oct 13, submitted comments to EPA. ☐ River Mile 10.9 Basis of Design Report (BODR) Milestones. Dates on specific deliverables have been removed; refer to previous progress reports for this information.

Projected Work, Meetings Milestones FY2013. Current Status of Work Products (cont.)	
Meetings	• Continuation of bi-weekly progress calls and additional coordination meetings/conference calls with CPG.
Key Milestones Forthcoming	• Several of the submittals as noted above do not have milestones for future actions. Full listing with status in the CDM Submittal Summary.
Issues	
Technical:	• Issues are worked in an ongoing basis as discussions held between the EPA and CPG.
Schedule	• CPG project schedule not fully updated at this time. Information updates provided through conference calls and CPG monthly reports. Schedule focus is on the work at RM 10.9.
Funding:	• None at this time.

IAG Summary: Technical Assistance						
			Amendment Funding			
USACE	Direct Fund Cite	Amend #	Date	USACE	Direct Fund Cite	Total IAG
410,000	0	Initial	9/6/07	-	-	$ 410,000
290,000	0	1	6/3/08	-	-	$700,000
75,000	0	2	12/31/08	-	-	$775,000
85,000	0	3	2/19/09	-	-	$860,000
50,000	0	4	6/23/09	-	-	$910,000
576,665	0	5	7/27/09	-	-	$1,486,665
500,000	0	6	8/7/09	-	-	$1,986,665
789,000	0	7	12/1/09	-	-	$2,775,665
300,000	0	8	2/24/10	-	-	$3,075,665
140,000	0	9	4/27/10	-	-	$3,225,665
510,000	0	0	5/24/10	-	-	$3,735,665
400,000	0	0	9/14/10	-	-	$4,135,665
745,000	0	0	4/8/11	-	-	$4,880,665
150,000	0	0	8/31/11	-	-	$5,030,665
850,000	0	0	11/12/11	-	-	$5,880,665
1,124,335	0	0	5/14/12	-	-	$7,005,000
1,650,000	0	0	12/6/12	-	-	$8,655,000
1,345,000	0	0	5/31/12	-	-	$10,000,000

Progress Report for EPA Region II

Expenditures: USACE and Contract

Summary of Funds Spent Per Activity & Funding Remaining

Description	Funds for Activity	Funds Disbursed this Month	Funds Disbursed to Date	Funds Remaining
MPI: Contract W912DQ-06-D-0006; Task Order 0020; awarded 21 Sep 07	$349,601.00	$0.00	$349,601.00	$0.00
MPI: Contract W912DQ-06-D-0006; Task Order 0020/Mod 1; awarded 19 Jun 08	$274,903.00	$0.00	$267,213.93	$7,689.07
MPI: Contract W912DQ-08-D-0017; Task Order 0010; awarded 16 Jan 09	$65,000.00	$0.00	$65,000.00	$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 1; awarded 5 Mar 09	$69,772.00	$0.00	$69,772.00	$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 2; awarded 24 Jun 09	$49,756.00	$0.00	$49,756.00	$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 3; awarded 3 Aug 09	$378,843.00	$0.00	$378,843.00	$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 4; awarded 28 Aug 09	$279,277.00	$0.00	$279,277.00	$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 6; awarded 29 Dec 09 Note 1	$211,881.00	$0.00	$211,881.00	$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 7; awarded 9 Jul 10	$52,892.00	$0.00	$52,892.00	$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 8; awarded 28 Dec 10	$54,473.00	$0.00	$19,780.45	$34,692.55
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Base Contract; awarded 6 Aug 09 (verbal 31 Jul 09)	**$160,000.00**	**$0.00**	**$160,000.00**	**$0.00**
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 1; awarded 22 Aug 09	$175,902.00	$0.00	$175,902.00	$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 3; awarded 23 Dec 09 Note 2	$493,000.00	$0.00	$493,000.00	$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 7; 3 Mar 10 Note 3	$283,000.00	$0.00	$283,000.00	$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 8; awarded 14 May 10	$140,000.00	$0.00	$140,000.00	$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 9; awarded 9 Jun 10	$375,000.00	$0.00	$375,000.00	$0.00
CDM: Contract W912DQ-08-D-0017\8; Task Order 0014/Mod 10; awarded 21 Oct 10 Note 4	$299,923.00	$0.00	$299,923.00	$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 11; awarded 27 Dec 10 Note 5	See note 5	$0.00	$0.00	$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 12; awarded 4 May 11 Note 6	$645,000.00	$0.00	$645,000.00	$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 13; awarded 19 Sep 11	$150,000.00	$0.00	$137,307.00	$12,693.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Base TO; awarded 15 Dec 11	**$770,000.00**	**$0.00**	**$770,000.00**	**$0.00**
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 2; awarded 1 Jun 12	$1,059,312.00	$0.00	$1,059,312.00	$0.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 3; 7 Jan 13	$1,500,000.00	$147,497.00	$700,561.00	$799,439.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 4; 11 Jul 13	$1,200,000.00	$0.00	$0.00	$1,200,000.00
Contract Funds Available	$12,030.00	$0.00	$0.00	$12,030.00
Subtotal - Summary of Contracts; awarded and avail. (total reflects blocks e + f on Page 2 IAG)	**$9,049,565.00**	**$147,497.00**	**$6,983,021.38**	**$2,066,543.62**

Progress Report for EPA Region II

Description	Funds for Activity	Funds Disbursed this Month	Funds Disbursed to Date	Funds Remaining
Kansas City Corps In-House Labor/Travel - 17 Mile	$755,973.23	$5,167.32	$345,798.08	$394,878.25
Kansas City Corps In-House Labor/Travel - RM 10.9		$574.15	$15,296.90	
Superfund M&S Fee - 17 Mile	$99,674.34	$0.00	$94,991.69	$0.00
Superfund M&S Fee - RM 10.9		$0.00	$4,682.65	
MIPR/ERDC - Hayter/Gailani; CPG Modeling Support	$58,287.43	$0.00	$58,287.43	$0.00
MIPR/ERDC - Estes; Decon Technology Support	$24,500.00	$758.61	$20,139.35	$4,360.65
MIPR/ERDC - Hayter (replaces MIPR above/updated office symbols)	$12,000.00	$0.00	$0.00	$12,000.00
Subtotal - Summary of Labor/M&S Fee	$950,435.00	$6,500.08	$539,196.10	$411,238.90
Grand Total - Contract/Corps	**$10,000,000.00**	**$153,997.08**	**$7,522,217.48**	**$2,477,782.52**

Notes on above table:

Note 1: MPI/LBG TO 0010 Mod 5 is admin, zero dollar mod

Note 2: CDM TO 0014 Mod 2 is admin, zero dollar mod.

Note 3: CDM TO 0014 Mods 4, 5, & 6 were skipped in system numbering

Note 4: CDM TO 0014/Mod 10 totals $362,923; $63,000 is Newark Bay funding for IT transition.

Note 5: CDM TO 0014/Mod 11 totals $74,426; $50,000 is Passaic FFS funding and $24,426 is Newark Bay funding for IT transition.

Note 6: CDM TO 0014/Mod 12 totals $682,426; $37,426 is Passaic FFS funding for IT/transition.

IAG Scope of Work Summary (block 13 of IAG)

This amendment obligates $XX (see amounts above for base and amendments) to the U.S. Army Corps of Engineers - Kansas City District to provide/continue oversight of the CPG's performance of Remedial Investigation and Feasibility Study at the Diamond Alkali OU4 Superfund Site (EPA ID: NJD980528996)

Project Delivery Team

Name	*Contact Information*	*Responsibility*
Beth Franklin	(816) 389-3581 Cell: (816) 695-5797	Project Manager
Josh Hill	(816) 389-3803	Contract Specialist
Shelley Thomas	(816) 389-3842	Contracting Officer
Jason Shippy	(816) 389-3721	Attorney
Julia Kisser	(816) 389-3874	COR

Prepared by: Elizabeth Franklin
Project Manager
10 December 2013

PROGRESS REPORT

Site Name:	Lower Passaic River Restoration Project and & Superfund Site
Project:	Task Order 6424.005 CPG Oversight
Prepared by:	Frank Tsang
Representing:	CDM Federal Programs Corporation (CDM Smith)
Date:	September 13, 2013 (revised December 30, 2014)
Reporting Period:	July 28, 2013 to August 24, 2013

The following structures reflect the WBS from TO 6424.005.

1. **Progress Made this Reporting Period –** CDM Smith performed the following activities during this period:

WAD 1, Work Order (WO) 1 – Project Management and Administration

1.1.1 Project Management

- CDM Smith performed project management including staffing, financial monitoring, invoicing, and participated in conference calls.

1.1.2 Project Support Documentation & Administration

- CDM Smith prepared and submitted the monthly progress report.

1.1.3 Subcontract Administration

- CDM Smith processed subcontractor invoices (HDR | HQI, Axys Analytical, Shealy Environmental, and CDM Constructors).

1.1.4 Project Communication

- On July 30 and August 13, 2013, CDM Smith participated in biweekly conference calls.

WAD 1, WO 2 – Community Relations/Public Website

1.2.1 Public Meeting Support

- Attended the RM 10.9 press event, assisted with set up of poster boards.

WAD 1, WO 3 – Senior Technical Advisors

1.3.1 Senior Technical Advisors

- The subcontracts for Bob Ambrose and Alan Blumberg have expired. CDM Smith will issue a new subcontract to each of them when scope and schedule are available. Roger Flood and Dominic Di Toro are on board as TAC members.
- No activity.

Item	TAC Member	TAC Member Subcontract Ceiling*	Authorized Funding	Payment this Period	Payment to Date	Remarks
1	Ambrose	$0	$0	$0	$0	POP expired 8/15/2013
2	Blumberg	$0	$0	$0	$0	POP expired 8/1/2013

FOIA_001406_0006349

Item	TAC Member	TAC Member Subcontract Ceiling*	Authorized Funding	Payment this Period	Payment to Date	Remarks
3	Flood	$1,042	$0	$0	$0	POP expires 11/30/2016
4	Di Toro	$8,200	$0	$0	$0	POP expires 11/30/2016
Total		$9,242	$0	$0	$0	

*Subcontract Ceiling represents "available subcontract capacity" on each TAC member's respective subcontract. A subcontract modification is required when the dollar value of requested work exceeds a TAC Member's Subcontract Ceiling.

WAD 1, WO 4 – Technical Support

1.4.1 Technical Support

- No activity.

WAD 2, WO 2 - Work Planning: Oversight & Communication

2.2.1 Technical Communication

- On August 22, 2013, participated in technical meeting with EPA, LBG and CPG to discuss CPG's interpretation of the 2,3,7,8-TCDD to Total TCDD ratio as a means of classifying dioxin contamination.

2.2.2 CPG Planning Documents Review

- Reviewed and acknowledged final version of CPG field modification related to SSP2 and high flow sampling event. CDM Smith has no comments.

WAD 2, WO 3 – Field Work Sampling Oversight

2.3.1 CDM Smith Work Plan Preparation (QAPP & HASP)

- No activity.

2.3.2 Water Column, Chemical Data Oversight

- Continued validation of first round of high volume split sample data.
- Initiated validation of second round of high volume split sample data.
- Continued split sample evaluation of CWCM routine data sets and continued preparing and reviewing report tables.

2.3.3 RM 10.9 Oversight

- Work element closed. See WAD 2 WO 7 for RM 10.9 oversight work.

2.3.4 LRC Supplemental Sampling Oversight

- No activity.

2.3.6 Background Sampling Oversight

- Continued validation of Background split tissue sample data.
- Paid Axys Analytical and Shealy Environmental invoices.

2.3.7 LRC SSP2 Oversight

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- Prepared figures overlaying CPG's proposed SSP2 location on exiting contaminant interpolation maps for EPA to use as a tool to evaluate the SSP2 locations.
- On August 13, 2013 submitted comments on revised CPG proposed SSP2 locations.

WAD 2, WO 4 – Report/Products: Oversight and Communications

2.4.1 CPG Report Review

- No activity.

WAD 2, WO 5 – Data Manager

2.5.1 Data Manager (Data/Information Transfer)

- Generated additional summary tables of historical data sets for QC review of valid value associations.
- Ongoing improvement of data normalization across historical data sets as needed.
- Completed to upload and review of SV CWCM high flow data received from CPG to Passaic River Database.
- Completed upload and review of CWCM high volume event #1 data received from CPG to Passaic River Database.
- Continued full database review as part of initial preparation for transferring a copy of the full database to the CPG.

2.5.2 Database and Website Management

- Ongoing webpage support/and Enterprise interface support.
- Continued to provide webpage management support updating pages and announcements at the direction of the EPA.
- Paid annual fee for Sharepoint site.

WAD 2, WO 6 – CSO/SWO Sampling Oversight

2.6.1 Planning Documents Review

- Reviewed and provided comments on CSO/SWO QAPP field modifications and provided comments to EPA on August 13, 2013.

2.6.2 CDM Work Plan Preparation

- One hour inadvertently charged to this subtask for review of Tierra's field modification will be transferred to 2.6.1 in the next reporting period.

2.6.3 Laboratory Analysis and Coordination

- No activity.

2.6.4 Field Oversight and Collection of Split Samples

- Oversight personnel reviewed field log notes and responded to questions regarding QAPP field modifications.

2.6.5 Split Sample Comparison Report

- No activity.

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WAD 2, WO 7 – RM 10.9 Removal Action Oversight

2.7.1 Report Review/Technical Support

- On July 30, 2013 discussed silt curtains on a conference call with Stephanie Vaughn, Scott Thompson, Ed Garvey, HDR | HQI and CDM Smith to review silt curtain document.
- Continued to review RM 10.9 design documents as they were revised by the CPG.
- Paid CDM Constructors invoice.

2.7.2 Remedial Action Oversight

- Participated in the weekly management meetings on August 1, 6, 13 and 20, 2013.
- Performed oversight of dredging activities on August 1 to 3, 5 to 10, 12 to 17, and 19 to 24, 2013.
- Accepted split samples from the water quality transect sampling.

2.7.3 Sampling Analysis

- Discussed RM 10.0 sample analysis with laboratory.

WAD 3, WO 1 - Modeling Support

- Project Management & Support
  - No activity.
- Bi-Weekly Conference Calls
  - Attended July 30 and August 13, 2013 bi-weekly calls.
- Project Review Conference Calls & Mod Meetings
  - No activity.
- Transfer of Model Codes/Support
  - A. ECOMSEDZLJS Model Support
    - No activity.
  - B. ST-SWEM & RCATOX Models
    - No activity.
  - C. Misc. Support 2010
    - Continued to review the CPG Sediment transport code modifications.
- Field Oversight
  - No activity.
- Modeling Oversight
  - No activity.

WAD 3, WO 2 - Modeling Collaboration with CPG

- Project Management and Support
  - No activity.
- Weekly Conference Calls/Meetings with CPG
  - August 1, 2013 call with Rooni Mathew regarding density in fluff layer in non-cohesive areas and transmit Gust data to Rooni.
  - August 19, 2013 reviewed Grace Chang's slides and attended calls with Rooni and Grace regarding the PWCM review.
  - Followed up on revisions to PWCM review, Grace's new summary

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- Monthly Technical Meetings
  - No activity.
- Identify Model Differences
  - No activity.
- Data Action Items
  - SEI conducted analysis of PWCM TSS vs ADCP back scatter
- Model Action Items
  - No activity.
- Communication with USEPA Project Team
  - No activity.

WAD 4, WO 3 – Review/Coordinate CPG Risk Assessment

- No activity.

WAD 5, WO 2 – Data Evaluation

- Continued to run the human health TEQ calculations with the new EPA Calculator worksheet.
- Received ProUCL version 5 from EPA and began to test it.
- On August 8, 2013 participated in a conference call with EPA to discuss Pro UCL.
- Continue to work on detailing 3D model.
- Continued incorporating GIS layers for grain size and TOC into CDM Smith GIS.
- Continued to formulate data presentation plans and evaluate potential approaches to better visualize and demonstrate site conditions.
- Continued with creation of additional detailed river segment figures for sediment concentrations of TCDD illustrating the different interpolation methods throughout the study area using three different sets of comparison criteria.
- Created detail of RM 10.9 overlaying high density (samples from RM 10.9 removal action sampling) onto multi interpolation maps.

2. **Anticipated Problems and Recommended Solutions –** None.

3. **Problems Resolved –** N/A.

4. **Upcoming Events/Activities Planned –** CDM Smith will continue working on the following activities:
   - Participate in biweekly calls.
   - Review CPG and Tierra documents when received.
   - Continue database management data upload.
   - Provide support on CSO/SWO oversight.
   - Provide support on RM 10.9 oversight.
   - Continue to formulate data presentation plans.

5. **Key Staffing Changes –** None.

6. **Budget –** See attached cost spreadsheet for negotiated budget, funded amount, and expenditure details.

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7. **Deliverables Submitted**
(For deliverables submitted prior to January 3, 2013, please see the April 2013 and earlier monthly reports.)

Title	Date Submitted
Submitted comments on River Mile 10.9 90 Percent Design	January 3, 2013
Submitted comments on RM 10.9 QAPP Addendum D	January 23, 2013
Submitted CDM Smith Field Change Request #13 - oversight of CPGs QAPP Addendum D Field Effort	February 13, 2013
Submitted comments on Updated Porewater SOPs RM 10.9 QAPP Addendum D	February 19, 2013
Submitted comments on Tierra's Validated Rinse Blank Results for the CSO/SWO sampling program	February 28, 2013
Submitted comments on Porewater SOP RM 10.9 QAPP Add D	March 1, 2013
Submitted comments on Draft Final RM 10.9 Design	March 22, 2013
Submitted comments on GW Seepage Measurement Field Mod	March 25, 2013
Submitted comments on CSO/SWO QAPP Revision 2	April 4, 2013
Submitted comments on RM 10.9 design draft WQMP	April 24, 2013
Submitted comments on Fall 2009 Benthic Invertebrate Community Survey and Benthic Field Data Collection, dated April 12, 2013	April 24, 2013
Submitted comments on Habitat Identification Survey Data Report, Fall 2010 Field Effort, dated April 12, 2013	April 24, 2013
Submitted comments on RM 10.9 Draft Water Quality Monitoring Plan	April 26, 2013
Submitted comments on RM 10.9 Removal Action Final Design Report	May 17, 2103
Submitted comments on RM 10.9 Draft Perimeter Air and Noise Monitoring Plan	May 23 & 28, 2013
Submitted comments on RM 10.9 Waterline Setback	May 24, 2013
Submitted comments on Tierra CSO/SWO Forensic Sample Results	May 16, 2013
Submitted comments on CPG Field Modification Form 130522-1 SSP2 Sediment Probing	May 29, 2013
Submitted comments on RM 10.9 Cap Design Review & Waterfront Development Permit Equivalent Conditions	June 3, 2013
Submitted comments on CSO-SWO LSM Method Blank Evaluation Report dated May 23, 2013	June 10, 2013
Submitted CDM Smith Field Change Request #14 – HV CWCM filtrate sample	June 12, 2013
Submitted comments on the RM 10.9 Final Design Response to Comments	June 13, 2013
Submitted comments on the RM 10.9 Final Design LTMM	June 13, 2013
Submitted comments on Pre-Dredge Bathymetry Survey Calibration & QC SOP	July 10, 2013

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Title	Date Submitted
Submitted comments on Tierra's CSO/SWO QAPP Field Modifications dated June 6, 2013	July 12, 2013
Submitted comments on SV CWCM QAPP Addendum A WQM	July 15, 2013
Submitted comments on RM 10.9 Removal Action Operational Plans	July 16, 2013
Submitted comments on Response to RM 10.9 Design Comments	July 18, 2013
Submitted comments on Complete Pre-Dredge Bathymetry Survey	July 24, 2013
Submitted CDM Smith QAPP Addendum 13 WQM RM 10.9	August 9, 2013
Submitted comments on CPG Revised SSP2 Sampling Locations	August 13, 2013
Submitted comments on the bathymetry survey results	August 29, 2013

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