CIC #: 99EPA SUPERFUND
Billed Date: 02-Dec-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.
		27065517		

Partial # 78 01-Nov-2013 Thru 02-Dec-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 $122,556.98

Billing Accounting Classification
096 NA X 3122.0000 G5 08 2416 868 022125 96231 $122,556.98

Line Item	Moa	Description	Eaid No	Amount
1	CONTRACT - OUTSIDE GOVERNMENT	PVT SCTR CONTRACTUAL ARCHITECTURAL & ENGINEERING SERVICES (AE CONTRACTOR EARNINGS)		$115,274.00
1	CONTRACT - OUTSIDE GOVERNMENT	TRANSP OF GOVT EMPLOYEES OR OTHERS, PERDIEM ALLOW IN TVL STATUS & OTH INCIDENTAL TRVL EXP		$1,189.67
1	INHOUSE - LABOR	DEPARTMENTAL OVERHEAD COSTS		$1,413.42
1	INHOUSE - LABOR	GENERAL AND ADMINISTRATIVE OVERHEAD COSTS		$412.24
1	INHOUSE - LABOR	LABOR		$2,944.61
1	REIMBURSABLE - INSIDE CORPS	WORK PERFORMED BY OTHER COE EST		$1,323.04
			Subtotal:	$122,556.98

Total Billed Amount:	$122,556.98
Less Partial Amount Paid:	$0.00
Payment Due Date: 01-Jan-2014 **Pay This Amount:**	**$122,556.98**

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."

16 Jan 14 Elizabeth A. Franklin
DATE SIGNATURE
Elizabeth A. Franklin

Funds Authorized:	$10,000,000.00
Total Billed Amount:	$7,644,774.46
Prev Billed Amount:	$7,522,217.48
Current Billed Amount:	$122,556.98
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
Approved by Treasury For Use In Lieu of SF 1080

cobilnonit.476 v2.1.4

PROGRESS REPORT

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

MONTHLY REPORT FOR NOVEMBER 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: (-)	$7,644,774.46	$0.00	$7,644,774.46
Less Undelivered Orders: (-)	$1,965,799.23	$0.00	$1,965,799.23
Less Commitments: (-)	$11,680.38	$0.00	$11,680.38
Funds Available Balance:	$377,745.93	$0.00	$377,745.93

BILLING ACTIVITY (096X3122):

Bill Number: 27065517

Funds Expended During Report Period:	$122,556.98
Total Billed to Date:	$7,644,774.46

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: 27065517
Bill Invoice Date: 02-DEC-2013

Monthly Billing Amount(096X3122): $122,556.98

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	$1,974.18	$140,455.12	$142,429.30
b Fringe Benefits	$970.43	$74,347.73	$75,318.16
c Travel	$1,189.67	$11,275.42	$12,465.09
d Equipment	$0.00	$0.00	$0.00
e Supplies	$0.00	$0.00	$0.00
f Procurement	$115,274.00	$6,983,021.38	$7,098,295.38
g Construction	$0.00	$0.00	$0.00
h Other	$1,323.04	$178,116.09	$179,439.13
i Total Direct Charges	$120,731.32	$7,387,215.74	$7,507,947.06
j Total Indirect Charges	$1,825.66	$135,001.74	$136,827.40
k TOTAL	$122,556.98	$7,522,217.48	$7,644,774.46

LABOR BREAKOUT FOR MONTH:

Individual	Location	Function	Hours	Labor Amount
SHELLY M ALLEN	KANSAS CITY DISTRICT	PROGRAM ANALYST	2.00	$199.37
JAMES M. ARMSTRONG	KANSAS CITY DISTRICT	PROGRAM ANALYST	2.00	$161.58
ELIZABETH FRANKLIN	KANSAS CITY DISTRICT	HTRW PROJECT MANAGER	36.00	$4,409.32
TOTAL LABOR:			40.00	$4,770.27

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 #78 27065517	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: November 1, 2013	To: December 2, 2013	EPA RPM Stephanie Vaughn	USACE PM Elizabeth Franklin	

Work Performed

Work Performed

- On 5 and 19 Nov 2013, participated in project progress conference calls with EPA/COE/CDM/LB/HQI/BAT.

- Funding. No funding received during the reporting period.
  - MIPR charges by ERDC for labor support (E. Hayter attended modeling meetings)

- Invoices. TO 0005.
  - On 21 Nov 13, reviewed and approved CDM Invoice #18, totaling $115,274, for period 25 Aug – 28 Sep 13.

- On 11 Nov 13, traveled to NY to participate in team meeting regarding overall lessons learned from RM 10.9 efforts. Prepared for meeting with review of lessons learned table provided by CDM. On 21 Nov 13, CDM provided revised table based on meeting discussion.

- Schedule.

  Historical:
  - 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.
  - Current:
  - On 5 Nov 13, participated in team conference call to discuss CPG schedule.
  - On 12 Nov 13, participated in conference call with EPA, CPG and CDM. CPG provided verbal, tentatively submittal dates for some reports. EPA noted the RI submission should be sooner than CPG proposes.
  - On 13 Nov 13, R. Law provided partial table of proposed submittal dates for a few reports. Many reports had "TBD" for submittal date.
  - On 26 Nov 13, received request from S. Vaughn for historical list of all types of schedule information sent by CPG.
  - On 27 Nov 13, researched all historical emails, conference calls and schedules. Provided S. Vaughn comprehensive set of schedules and communication regarding schedule dates.

- Task Order 0005/WVN&ATP.
  - On 14 Nov 13, received WVN 5/ATP 9 for review and approval.
  - On 19 Nov 13, provided comments to CDM from review of WVN 5.
  - On 20 Nov 13, received response from F. Tsang.
  - On 25 Nov 13, final WVN 5/ATP 9 was approved and distributed to team.

- Task Order 0005/Subcontract.
  - On 26 Nov 13, LBG contract awarded that includes $11,522 for 17-mile subcontractor support. This support is available immediately and will be charged separately under the LBG contract.

- River Mile 10.9.
  - On 6, 20 and 27 Nov 13, participated in weekly managers conference calls to discuss dredging and capping status.
  - On 27 Nov 13, participated in preparation call with internal team prior to progress call.

- On 4 Nov 13, participated in call to discuss the overall data sets from varying efforts of the 17-mile investigation.

- On 11 Nov 13, CDM submitted request for COI determination on two potential projects. Currently under review; anticipate response by early December.

Work Performed (cont)	☐ On 20 Nov 13, received request from EPA regarding billing information. Clarified needed information with EPA and from 25 Nov – 27 Nov 13, researched and gathered necessary documents. On 2 Dec 13, provided all CDM documents to EPA. Outstanding action to provided LBG information (discussed with LBG and awaiting their input). ☐ 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 5/ATP 9 was prepared, revised and submitted for approval. Additional information may be found in the CDM Progress Report covering period October 27 – November 23, 2013. Information is also contained in daily email reports provided by CDM during specific fieldwork oversight efforts. ☐ CPG Fieldwork Planning Documents & Technical Support. o Revised Hazard Quotient tables and figures based on conference call discussion held 13 Nov 13. o Began preparing Hazard Quotient tables for LPR. ☐ CDM Fieldwork Oversight. o Identified additional sample sets that require validation; effort underway. o Continued split sample evaluation of CWCM routine data sets and continued preparing and reviewing report tables. o Continued review of CPG high volume sample results. o Continued validation of background split tissue sample data. o Reviewed field modification and began preparation of the field sampling summary report for SSP2 sampling event. ☐ CDM Fieldwork Oversight Reporting. o Review of CPG Draft 2012 Sediment Chemistry Background Data Report underway. ☐ CDM Data Manager/Website/Digital Library. o Ongoing improvement of data normalization with historical data sets as needed. o Provided data management support to extract data sets for EPA. o Uploaded 2012 TSI focused sediment investigation data. o Uploaded split sample data for second high flow event and high volume sampling round. ☐ CSO/SWO Sampling Oversight o Coordinated for field oversight (planned for 17 Nov 13), however, sampling was cancelled. ☐ CPG Risk Assessment ☐ Modeling. o Compiling USGS Little Falls solids data used for Dundee Dam solids rating curve. o Discussions about impact of the RM 7.5 bathymetry. ☐ River Mile 10.9 Removal Action Oversight. o Reviewed CPS's Removal Action Water Quality Monitoring Plan. o On 7 Nov 13, began oversight of capping activities. o On 13 Nov 13, participated in call regarding method for determining percentage of TOC in the active layer. o On 7, 13 and 20 Nov 13, participated in oversight management calls. o Began validation of the water quality monitoring split samples. ☐ 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 Prepared figures of each interpolation technique with surface calculations for the 17 mile study area. On 19 Nov 13, provided to EPA.

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. Some dates updated by R. Law with table provided 13 Nov 13; however, none confirmed and multiple reports not contained in list below. Refer to CPG table for updates. Schedule details largely unknown. o Benthic Fall 2009 Community Field Report. On 29 Jun 11, EPA provided comments to the CPG. On 12 Apr 13, CPG submitted revised report. 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. Other plans reviewed during the RM 10.9 activity are contained within the CDM Progress Report.

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

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	$115,274.00	$815,835.00	$684,165.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 4; awarded 11 Jul 13	$1,200,000.00	$0.00	$0.00	$1,200,000.00
LBG: Contract W912DQ-11-D-3009; Task Order 0001/ Mod 7; awarded 15 Dec 11	$11,522.00	$0.00	$0.00	$11,522.00
Contract Funds Available	$508.00	$0.00	$0.00	$508.00

Progress Report for EPA Region II

Subtotal - Summary of Contracts; awarded and avail. (total reflects blocks e + f on Page 2 IAG)	$9,049,565.00	$115,274.00	$7,098,295.38	$1,951,269.62
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	$2,979.97	$348,778.05	$388,918.31
Kansas City Corps In-House Labor/Travel - RM 10.9		$2,979.97	$18,276.87	
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	$1,323.04	$21,462.39	$3,037.61
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	$7,282.98	$546,479.08	$403,955.92
Grand Total - Contract/Corps	**$10,000,000.00**	**$122,556.98**	**$7,644,774.46**	**$2,355,225.54**

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:	October 11, 2013 (revised December 30, 2014)
Reporting Period:	August 25, 2013 to September 28, 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.
- Prepared ATP 8 for submittal to the USACE on September 28, 2013.

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, and CDM Constructors).

1.1.4 Project Communication

- On August 27, September 10 and September 24, 2013, CDM Smith participated in bi-weekly conference calls.

WAD 1, WO 2 – Community Relations/Public Website

1.2.1 Public Meeting Support

- No activity.

WAD 1, WO 3 – 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

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

- Participated in calls with EPA on September 17 and 24 to discuss development of a reference envelope to interpret data from the Passaic River.
- Updated GIS layers and participated in web meeting with EPA on September 25 to review the GIS and discuss additional information the EPA would want available in the GIS.
- Prepared table of "Probable Effect Concentrations and Other Alternative Sediment Screening Values" for EPA's review.
- Prepared figures showing locations of background samples currently included in the EQuIS database for the Mullica River and the Passaic River above Dundee Dam.
- Extracted data from the Jamaica Bay from the CPG Risk Analysis and Risk Characterization Plan and NOAA public database.
- Began preparation of potential background data sets (extracting and calculating total concentrations) for analysis as suitable and comparable reference locations.

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

2.2.1 Technical Communication

- No activity.

2.2.2 CPG Planning Documents Review

- On September 18, 2013 submitted comments on the CPG Draft Low Resolution Coring Supplemental Sampling Program Addendum Second Supplemental Sampling Program (SSP2) QAPP, September 2013.

WAD 2, WO 3 – Field Work Sampling Oversight

2.3.1 CDM Smith Work Plan Preparation (QAPP & HASP)

- Prepared Field Change Request 15 to perform oversight and collect split samples during the SSP2 sampling event.

2.3.2 Water Column, Chemical Data Oversight

- Continued validation of first round of high volume split sample data.

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- Continued 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.
- Paid Axys Analytical invoice.

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
- Initiated a review of the statistical evaluation of split sample results and report preparation.

2.3.6 Background Sampling Oversight
- Continued validation of Background split tissue sample data
- Paid Axys Analytical invoice.

2.3.7 LRC SSP2 Oversight
- From September 24 to 27, 2013 performed field oversight and collection of split samples of the SSP2 sampling event.

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)
- Ongoing improvement of data normalization across historical data sets as needed.
- Began uploading and review of background split tissue sample data.
- Initiated upload and review of CWCM high volume event #2 data received from CPG to Passaic River Database.
- Transferred a copy of the full database to the CPG on September 20, 2013.

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.

WAD 2, WO 6 – CSO/SWO Sampling Oversight

2.6.1 Planning Documents Review
- Reviewed revisions to the CSO/SWO QAPP received on August 26 to confirm that all comments had been incorporated.
- One hour inadvertently charged to 2.6.2 for review of the Tierra's field modification was transferred to 2.6.1 in this reporting period.

2.6.2 CDM Work Plan Preparation

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

2.6.3 Laboratory Analysis and Coordination
- No activity.

2.6.4 Field Oversight and Collection of Split Samples
- Performed field oversight of a failed Phase 1 sampling event at Clay Street September 21, 2013. The gasket in the sampling assembly sheared when the centrifuge was turned on. No water was pumped and the event was cancelled.

2.6.5 Split Sample Comparison Report
- No activity.

WAD 2, WO 7 – RM 10.9 Removal Action Oversight

2.7.1 Report Review/Technical Support
(Note the incurred costs for activities performed under WE 2.7.1 for this reporting period will be charged in the November 2013 reporting period invoice.)
- Continued to review RM 10.9 final design documents as they were revised by the CPG.
- On September 25, 2013 participated in a meeting with EPA and the CPG to discuss the cap design.
- Processed an invoice from CDM Smith internal subcontractor (CDM Constructors).

2.7.2 Remedial Action Oversight
- Participated in the weekly management meetings on August 27, September 4, 10 and 24, 2013.
- Performed oversight of dredging activities on August 26 to 31, and September 3, 4, and 19 to 28, 2013.
- Accepted split samples from the weekly water quality transect sampling and shipped to laboratories (AXYS, Microbac, and EPA DESA lab) for analysis.
- Paid HDR and Axys Analytical invoices.

2.7.3 Sampling Analysis
- Due to a problem with analytical equipment at the DESA laboratory, CDM Smith needed to identify a laboratory that could analyze the DOC and POC samples using methods established for the project. A laboratory was secured and samples were transferred from DESA to Spectrum analytical for analysis.
- Prepared revision to laboratory task order authorizing the work.
- Communication with subcontract laboratories regarding the scheduling and batching of the WQM samples to maximize batch density.

WAD 3, WO 1 - Modeling Support

- Project Management & Support
    - Prepared monthly invoice and write up.
- Bi-Weekly Conference Calls

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- Attended August 27, September 10 and 24 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.
     - Provided CPG with model inputs and analysis used to develop FFS initial conditions.
- Field Oversight
  - No activity.
- Modeling Oversight
  - Reviewed CPG contaminant mapping memo and shape files provided by the CPG.

WAD 3, WO 2 - Modeling Collaboration with CPG

- Project Management and Support
  - No activity.
- Weekly Conference Calls/Meetings with CPG
  - Attended a call on August 30, 2013 with Grace Chang and Rooni Mathew regarding PWCM data issues.
- Monthly Technical Meetings
  - Prepared for and attended the collaboration meeting on September 26, 2013.
- Identify Model Differences
  - No activity.
- Data Action Items
  - No activity.
- Model Action Items
  - Reviewed differences in sediment initial condition approaches and potential impacts on model predictions.
- Communication with USEPA Project Team
  - Communication on project status with EPA and CDM Smith.

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

- No activity.

WAD 5, WO 2 – Data Evaluation

- Continued testing ProUCL version 5 from EPA.
- On September 25, 2013 participated in a conference call with EPA to review GIS data layers.
- Continued to work on detailing 3D model.
- Continued incorporating GIS layers for bathymetry into CDM Smith GIS.

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- Continued to formulate data presentation plans and evaluate potential approaches to better visualize and demonstrate site conditions.
- Forwarded figures for sediment concentrations of TCDD illustrating the different interpolation methods throughout the study area using three different sets of comparison criteria to EPA.
- Finalized and forwarded detail of RM 10.9 overlaying high density (samples from RM 10.9 removal action sampling) onto multi interpolation maps to EPA.

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 bi-weekly 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.
   - Continue evaluation of potential reference locations.

5. **Key Staffing Changes –** None.

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

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

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Title	Date Submitted
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
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
Submitted CDM Smith Field Change Request 15 Oversight of the CPG SSP2 Sampling	September 18, 2013
Submitted comments on the CPG Draft Low Resolution Coring Supplemental Sampling Program Addendum Sampling Program QAPP, September 2013	September 18, 2013
Submitted comments on RM 10.9 RA High Sub-Grade Sediment Sampling Plan, September 25, 2013	September 26, 2013

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