UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 2
290 BROADWAY
NEW YORK, NY 10007-1866

AUG 22 2016

RECEIVED
Frank Parigi
AUG 29 2016

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Occidental Chemical Corporation
Occidental Tower
5005 LBJ Freeway, Suite 1350
Dallas, TX 75244

Attention: Frank Parigi, Esq.
Vice President and General Counsel
Glenn Springs Holdings, Inc.

Re: Diamond Alkali Superfund Site, Lower Passaic River Study Area Removal Administrative Order on Consent, Index No. CERCLA 02-2008-2020
Bill for Collection No. 2721626S0041

Dear Mr. Parigi:

The United States Environmental Protection Agency ("EPA") is charged with responding to the release or threatened release of hazardous substances into the environment and with enforcement responsibilities under the Comprehensive Environmental Response, Compensation and Liability Act ("CERCLA"), as amended, 42 U.S.C. § 9601, *et seq*. EPA has documented the release or threat of release of hazardous substances into the Lower Passaic River Study Area portion of the Diamond Alkali Superfund Site. In response to the release or threatened release of hazardous substances, EPA has spent, and will continue to spend, public funds on actions to investigate and control such releases and threatened releases at the site pursuant to Section 104 of CERCLA.

On June 23, 2008, EPA entered into an Administrative Order on Consent ("Order"), Index No. CERCLA 02-2008-2020, with Occidental Chemical Corporation ("OCC") and Tierra Solutions, Inc. ("TSI") for the performance of a removal action. Pursuant to Paragraph 51 of this Order, OCC and TSI agreed to reimburse EPA for all Future Response Costs, as defined in the Order, incurred by the EPA in connection with the removal action from the effective date of the Order.

This letter serves as Bill for Collection No. 2721626S0041, covering the period from September 1, 2013 through August 31, 2015.

Enclosure A is a narrative statement describing the Future Response Costs paid during the time period covered by the Bill for Collection. Enclosure B consists of four itemized cost summaries, referred to as Superfund Cost Recovery Package Imaging and On-Line System ("SCORPIO$") reports, for the Diamond Alkali Site, side identification number 02-96, Operable Unit ("OU") 00 and OU02 Removal. For the purposes of the SCORPIO$ reports, OU03 represents the expansion of the CERCLA investigation from the six-mile Passaic River Study Area to the seventeen-mile Lower Passaic River Study Area and OU04 represents the Newark Bay Study Area. EPA charges time for the OCC/TSI Removal and OCC/TSI Combined Sewer Overflow/Storm Water Outfall ("CSO/SWO") Sampling to OU02, but only charges for the OCC/TSI Removal are included in the OU02 Removal SCORPIO$ reports that appear in Enclosure B.

Some personnel charged their time to OU00 to represent time spent on all OUs. Therefore, the OU00 costs have been apportioned among OU01, OU02 (OCC/TSI Removal and OCC/TSI CSO/SWO Sampling), OU03 (Cooperating Parties Group ["CPG"]-lead RI/FS, CPG-lead Removal, and EPA-lead work) and OU04, as described in the enclosure. While all OU00 charges are included in the SCORPIO$ reports for OU00 that appear in Enclosure B, this Bill for Collection includes only those costs that EPA has apportioned to the OCC/TSI Removal.

EPA certifies that as of August 31, 2015, it has expended at least $ 304,545.06 in Future Response Costs in connection with the Removal for the Lower Passaic River Study Area.

As per Section XVI of the Order, payment shall be made within thirty (30) days of receipt of this letter via electronic funds transfer ("EFT"). To make this payment, you should instruct your bank to remit payment in the required amount to EPA via EFT accompanied by the following information:

Amount of payment: **$ 304,545.06**
EFT to be directed to: **Federal Reserve Bank of New York**
Bank routing number: **021030004**
Bank account number receiving payment: **68010727**
SWIFT address: **FRNYUS33**
Address: **Federal Reserve Bank of New York**
33 Liberty Street
New York, NY 10045
Field tag 4200 of Fedwire message to read (for Fedwire payments):
D 68010727 Environmental Protection Agency
Name of remitter: **Occidental Chemical Corporation and Tierra Solutions, Inc.**
Case number: **CERCLA 02-2008-2020**
Site name: **Diamond Alkali Superfund Site, Lower Passaic River Study Area**
Site/spill identifier: **02-96**

To ensure that your payment is properly recorded, you should send either an e-mail or a letter contemporaneously with the EFT, which references the date of the EFT, the payment amount, the name of the Site, the Site identification number, the case number, and your name and address to:

Elizabeth Butler, Remedial Project Manager
Emergency & Remedial Response Division
U.S. Environmental Protection Agency, Region 2
290 Broadway, 19th floor
New York, New York 10007-1866
email: butler.elizabeth@epa.gov

and

Sarah Flanagan, New Jersey Superfund Branch
Office of Regional Counsel
U.S. Environmental Protection Agency, Region 2
290 Broadway, 17th Floor
New York, New York 10007-1866
email: flanagan.sarah@epa.gov

and

Elizabeth McGuffey
U.S. Environmental Protection Agency
26 W. Martin Luther King Drive
Attention: FINANCE
MS: NWD2
Cincinnati, Ohio 45268
emails: mcguffey.elizabeth@epa.gov and cinwd_acctsreceivable@epa.gov

The United States reserves its rights to recover any costs paid during the time period covered by this accounting but not included in this billing, and all other oversight and response costs incurred pursuant to the Administrative Order on Consent.

EPA reaffirms its commitment to conduct appropriate and cost-effective oversight of work performed by consenting parties while ensuring protective cleanups. To this end, EPA is prepared to discuss its plans for the oversight of ongoing work at the Site, and to provide you with the opportunity to suggest ways to effectively streamline the work and its oversight.

If you have any questions regarding this matter, please contact Elizabeth Butler at (212) 637-4396. Legal inquiries should be directed to Ms. Flanagan at (212) 637-3136. Thank you for your prompt attention to this matter.

Sincerely yours,

Michael Sivak, Acting Branch Chief
Special Projects Branch
Emergency & Remedial Response Division

Enclosures

cc: Dave Rabbe
Director, Environmental Remediation
Tierra Solutions, Inc.
Two Tower Center Boulevard, Floor 10
East Brunswick, New Jersey 08816

and: Brian Mikucki
Tierra Solutions, Inc.

ENCLOSURE A

Summary of Costs Paid by EPA
09/01/13 through 08/31/15
Diamond Alkali Superfund Site, Newark, New Jersey
Operable Unit Two – Lower Passaic River Study Area
Removal
Site ID: 02-96

COSTS FROM OU02 REMOVAL SCORPIO$ REPORTS

Payroll from OU02 Removal SCORPIO$ Reports (09/01/13 through 08/31/14 and 09/01/14 through 08/31/15):

These costs consist of direct EPA personnel charges for time spent by EPA employees in overseeing work performed under the Administrative Order on Consent, Index No. CERCLA 02-2008-2020 ("AOC"), including review of TSI technical submissions, meetings and/or conferring with TSI representatives, internal meetings and conferences concerning the Removal, community relations/outreach and coordination with Partner Agencies. See enclosed Payroll Costs Sections of EPA's Itemized Cost Summaries.

[$2,088.97 + $22,136.42] $ 24,225.39

Other Expenditures from OU02 Removal SCORPIO$ Report (09/01/13 through 08/31/14):

These costs consist of charges for contractor support for file storage and maintenance by Ensoftek. See enclosed Contract Costs Section of EPA's Itemized Cost Summary.

$ 24,991.12

Other Expenditures from OU02 Removal SCORPIO$ Report (09/01/14 through 08/31/15):

These costs consist of technical support by Lockheed Martin Services for oversight of work performed under this AOC. See enclosed Contract Costs Section of EPA's Itemized Cost Summary.

$152,485.17

Subtotal Direct Costs from OU02 Removal SCORPIO$ Reports
[$27,080.09 + $174,621.59] ***$201,701.68***

Indirect Costs from OU02 Removal SCORPIO$ Reports (09/01/13 through 08/31/14 and 09/01/14 through 08/31/15):

Indirect costs are those costs which are necessary to the operation of the Superfund program and the support of site cleanup efforts, but which cannot be tied directly to the efforts at any one site. Indirect costs are allocated to particular Superfund sites by means of a methodology established by the EPA Headquarters. See enclosed Indirect Costs Section of EPA's Itemized Cost Summaries.

Subtotal Indirect Costs from OU02 Removal SCORPIO$ Reports
[$10,390.65 + $85,913.81] ***$ 96,304.46***

Total Direct and Indirect Costs from OU02 Removal SCORPIO$ Reports: **$298,006.14**

COSTS FROM OU00 SCORPIO$ REPORTS

Payroll from OU00 SCORPIO$ Reports (09/01/13 through 08/31/14 and 09/01/14 through 08/31/15):

The OU00 SCORPIO$ reports include payroll for OU01, OU02 (OCC/TSI Removal and OCC/TSI CSO/SWO Sampling), OU03 (EPA-lead work, CPG-lead Removal and CPG-lead RI/FS) and OU04. Therefore, these costs were divided evenly among the seven components.

[$10,003.60 / 7 + $13,384.24 / 7] $ 3,341.12

Other Expenditures from OU00 SCORPIO$ Reports (09/01/13 through 08/31/14 and 09/01/14 through 08/31/15):

The OU00 SCORPIO$ reports include charges for contractor support for file storage and maintenance by Ensoftek for OU01, OU02 (OCC/TSI Removal and OCC/TSI CSO/SWO Sampling), OU03 (EPA-lead work, CPG-lead Removal and CPG-lead RI/FS) and OU04. Therefore, these costs were divided evenly among the seven components.

[$360.36 / 7 + $806.36 / 7] $ 166.67

Technical and Analytical Support Services from OU00 SCORPIO$ Report (09/01/14 through 08/31/15):

These costs consist of "SRA International, Inc." charges for contractor support for Community Advisory Group (CAG) facilitation. EPA determined that approximately 1.8 percent of these costs were related to EPA oversight of work performed by OCC/TSI under this AOC.

[$54,574.64 * 1.8%] $ 982.34

Subtotal Direct Costs from OU00 SCORPIO$ Report apportioned to OU02 Removal
[$1,480.57 + $3,009.56] ***$ 4,490.13***

Indirect Costs from OU00 SCORPIO$ Reports (09/01/13 through 08/31/14 and 09/01/14 through 08/31/15):

See description above.

Subtotal Indirect Costs from OU00 SCORPIO$ Report apportioned to OU02 Removal
*[$1,480.57 * 38.37% + $3,009.56 * 49.2% = 568.09 + 1480.70]* **$ 2,048.79**

Total Direct and Indirect Costs from OU00 SCORPIO$ Reports apportioned to OU02 Removal:
$ 6,538.92

OU02 OCC/TSI Removal Bill for Collection Amount		**$298,006.14**
	Plus	**$ 6,538.92**
		$304,545.06

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Table of Contents

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 02

REMOVAL 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

NARRATIVE COST SUMMARY ..... Section 1

ITEMIZED COST SUMMARY ..... Section 2

REGIONAL PAYROLL COSTS ..... Section 3

OTHER EXPENDITURES (OTH)

ENSOFTEK (EPS21101) ..... Section 4

EPA INDIRECT COSTS SUMMARY ..... Section 5

EPA INDIRECT COSTS ..... Section 6

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Narrative Cost Summary

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 02

REMOVAL 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

1. The United States Environmental Protection Agency has incurred at least $2,088.97 for Regional Payroll Costs.

2. The United States Environmental Protection Agency has incurred costs of at least $24,991.12 for OTHER EXPENDITURES (OTH) contract expenditures. The total represents the amount spent under the ENSOFTEK contract.

3. The United States Environmental Protection Agency has incurred at least $10,390.65 for Indirect Costs.

Total Site Costs:	$37,470.74

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Itemized Cost Summary

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 02

REMOVAL 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

REGIONAL PAYROLL COSTS	$2,088.97
OTHER EXPENDITURES (OTH)	
ENSOFTEK (EPS21101)	$24,991.12
EPA INDIRECT COSTS	$10,390.65
Total Site Costs:	$37,470.74

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Regional Payroll Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 02

REMOVAL 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

Employee Name	Fiscal Year	Pay Period	Payroll Hours	Payroll Costs
BUTLER, ELIZABETH	2013	24	3.00	215.09
		26	4.00	286.80
	2014	03	0.50	35.86
		04	1.50	107.55
		05	1.00	71.69
		06	2.00	139.84
		07	5.00	358.46
		08	2.50	179.24
		09	3.50	253.42
		20	1.00	69.20
		23	0.50	34.60
			24.50	$1,751.75
FLANAGAN, SARAH	2014	23	1.00	90.84
			1.00	$90.84
HICK, PATRICIA	2013	24	0.50	48.52
		26	0.25	24.44
	2014	18	1.50	148.64
		20	0.25	24.78
			2.50	$246.38
Total Regional Payroll Costs			28.00	$2,088.97

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Contract Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 02

REMOVAL 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

OTHER EXPENDITURES (OTH)

Contractor Name: ENSOFTEK

EPA Contract Number: EPS21101

Delivery Order Information

DO #	Start Date	End Date
2	09/06/2013	10/05/2013
3	11/06/2013	07/05/2014

Project Officer(s): KEATING, ROBERT

Dates of Service: From: 09/06/2013 To: 07/05/2014

Summary of Service:

Total Costs: $24,991.12

Voucher Number	Voucher Date	Voucher Amount	Treasury Schedule Number	and Date	Site Amount
24	10/17/2013	98,901.64	AVC140017	10/30/2013	20.85
26	12/18/2013	102,438.27	AVC140067	01/08/2014	10,683.28
27	01/15/2014	90,177.41	AVC140082	01/30/2014	1,062.41
28	02/14/2014	110,584.06	AVC140107	03/07/2014	6,127.06
29	03/18/2014	94,204.48	AVC140128	04/04/2014	2,959.83
30	04/18/2014	98,795.44	AVC140147	05/01/2014	824.28
31	05/08/2014	94,284.37	AVC140164	05/22/2014	2,787.11
32	06/09/2014	119,347.97	AVC140193	07/01/2014	89.49
33	07/14/2014	110,695.38	AVC140211	07/25/2014	436.81
				Total:	$24,991.12

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 02

REMOVAL 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

Fiscal Year	Direct Costs	Indirect Rate(%)	Indirect Costs
2013	574.85	38.37%	220.58
2014	26,505.24	38.37%	10,170.07
	27,080.09		
Total EPA Indirect Costs			$10,390.65

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 02

REMOVAL 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

PAYROLL DIRECT COSTS

Employee Name	Fiscal Year	Pay Period	Payroll Costs	Ind. Rate (%)	Indirect Costs
BUTLER, ELIZABETH	2013	24	215.09	38.37%	82.53
		26	286.80	38.37%	110.05
			501.89		$192.58
HICK, PATRICIA	2013	24	48.52	38.37%	18.62
		26	24.44	38.37%	9.38
			72.96		$28.00
Total Fiscal Year 2013 Payroll Direct Costs:			574.85		$220.58
Total Fiscal Year 2013:			574.85		$220.58

PAYROLL DIRECT COSTS

Employee Name	Fiscal Year	Pay Period	Payroll Costs	Ind. Rate (%)	Indirect Costs
BUTLER, ELIZABETH	2014	03	35.86	38.37%	13.76
		04	107.55	38.37%	41.27
		05	71.69	38.37%	27.51
		06	139.84	38.37%	53.66
		07	358.46	38.37%	137.54
		08	179.24	38.37%	68.77
		09	253.42	38.37%	97.24
		20	69.20	38.37%	26.55
		23	34.60	38.37%	13.28
			1,249.86		$479.58

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 02

REMOVAL 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

PAYROLL DIRECT COSTS

Employee Name	Fiscal Year	Pay Period	Payroll Costs	Ind. Rate (%)	Indirect Costs
FLANAGAN, SARAH	2014	23	90.84	38.37%	34.86
			90.84		$34.86
HICK, PATRICIA	2014	18	148.64	38.37%	57.03
		20	24.78	38.37%	9.51
			173.42		$66.54
Total Fiscal Year 2014 Payroll Direct Costs:			1,514.12		$580.98

OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
EPS21101	24	10/30/2013	20.85	0.00	38.37%	8.00
	26	01/08/2014	10,683.28	0.00	38.37%	4,099.17
	27	01/30/2014	1,062.41	0.00	38.37%	407.65
	28	03/07/2014	6,127.06	0.00	38.37%	2,350.95
	29	04/04/2014	2,959.83	0.00	38.37%	1,135.69
	30	05/01/2014	824.28	0.00	38.37%	316.28
	31	05/22/2014	2,787.11	0.00	38.37%	1,069.41
	32	07/01/2014	89.49	0.00	38.37%	34.34
	33	07/25/2014	436.81	0.00	38.37%	167.60
			24,991.12	0.00		$9,589.09
Total Fiscal Year 2014 Other Direct Costs:			24,991.12	0.00		$9,589.09
Total Fiscal Year 2014:			26,505.24			$10,170.07

Total EPA Indirect Costs $10,390.65

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 02

REMOVAL 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

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DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 02

OU02- REMOVAL COSTS 09/01/2014-08/31/2015 (PP24/FY14-PP23/FY15)

NARRATIVE COST SUMMARY ..... Section 1

ITEMIZED COST SUMMARY ..... Section 2

REGIONAL PAYROLL COSTS ..... Section 3

OTHER EXPENDITURES (OTH)

LOCKHEED MARTIN SERVICES (EPW09031) ..... Section 4

EPA INDIRECT COSTS SUMMARY ..... Section 5

EPA INDIRECT COSTS ..... Section 6

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Narrative Cost Summary

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 02

OU02- REMOVAL COSTS 09/01/2014-08/31/2015 (PP24/FY14-PP23/FY15)

1. The United States Environmental Protection Agency has incurred at least $22,136.42 for Regional Payroll Costs.

2. The United States Environmental Protection Agency has incurred costs of at least $152,485.17 for OTHER EXPENDITURES (OTH) contract expenditures. The total represents the amount spent under the LOCKHEED MARTIN SERVICES contract.

3. The United States Environmental Protection Agency has incurred at least $85,913.81 for Indirect Costs.

Total Site Costs:	$260,535.40

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Itemized Cost Summary

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 02

OU02- REMOVAL COSTS 09/01/2014-08/31/2015 (PP24/FY14-PP23/FY15)

REGIONAL PAYROLL COSTS	$22,136.42
OTHER EXPENDITURES (OTH)	
LOCKHEED MARTIN SERVICES (EPW09031)	$152,485.17
EPA INDIRECT COSTS	$85,913.81
Total Site Costs:	$260,535.40

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Regional Payroll Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 02

OU02- REMOVAL COSTS 09/01/2014-08/31/2015 (PP24/FY14-PP23/FY15)

Employee Name	Fiscal Year	Pay Period	Payroll Hours	Payroll Costs
BASSO, RAYMOND	2015	02	2.00	162.08
			2.00	$162.08
BUTLER, ELIZABETH	2014	26	2.00	142.67
		27	1.00	72.41
	2015	02	2.00	146.31
		03	2.50	182.89
		04	3.50	256.06
		05	12.00	877.92
		06	17.00	1,243.72
		07	11.00	802.73
		08	19.00	1,386.54
		09	20.00	1,581.97
		10	14.50	1,146.92
		11	13.00	1,028.26
		12	26.00	2,056.54
		13	29.50	2,303.03
		14	4.50	355.94
		15	2.00	158.19
		17	2.50	197.74
		18	0.50	39.54
		19	1.50	118.66
		20	5.00	402.19
		21	2.00	158.19
		22	5.00	395.49
		23	3.00	237.28
			199.00	$15,291.19
FLANAGAN, SARAH	2015	09	1.50	139.10
		12	1.25	115.91
		17	0.50	46.37
		20	2.00	185.46
			5.25	$486.84
HICK, PATRICIA	2014	26	3.75	371.55
	2015	05	1.50	143.47

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Regional Payroll Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 02

OU02- REMOVAL COSTS 09/01/2014-08/31/2015 (PP24/FY14-PP23/FY15)

Employee Name	Fiscal Year	Pay Period	Payroll Hours	Payroll Costs
HICK, PATRICIA	2015	08	3.25	325.22
		12	1.25	126.44
			9.75	$966.68
MUGDAN, WALTER	2015	13	7.00	705.63
			7.00	$705.63
SY, WILLIAM L.	2015	03	2.00	138.01
		06	7.00	483.04
		07	6.00	414.05
		09	19.00	1,325.78
		10	19.50	1,360.67
		11	8.50	593.12
		12	3.00	209.33
			65.00	$4,524.00
Total Regional Payroll Costs			288.00	$22,136.42

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Contract Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 02

OU02- REMOVAL COSTS 09/01/2014-08/31/2015 (PP24/FY14-PP23/FY15)

OTHER EXPENDITURES (OTH)

Contractor Name: LOCKHEED MARTIN SERVICES

EPA Contract Number: EPW09031

Project Officer(s): BURCHETTE, SELLA

Dates of Service: From: 02/16/2015 To: 07/19/2015

Summary of Service:

Total Costs: $152,485.17

Voucher Number	Voucher Date	Voucher Amount	Treasury Schedule Number	and Date	Site Amount	Annual Allocation
BVN0065	03/27/2015	1,160,863.07	AVC150134	04/10/2015	13,681.09	17,449.55
BVN0066	04/24/2015	962,002.20	AVC150154	05/08/2015	9,933.40	12,669.56
BVN0067	05/22/2015	1,009,240.12	AVC150179	06/15/2015	40,882.30	52,143.33
BVN0068	06/26/2015	1,257,131.09	AVC150200	07/14/2015	1,101.32	1,404.68
BVN0069	07/23/2015	1,054,653.49	AVC150228	08/21/2015	1,415.08	1,804.86
				Total:	$67,013.19	$85,471.98

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Contract Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 02

OU02- REMOVAL COSTS 09/01/2014-08/31/2015 (PP24/FY14-PP23/FY15)

OTHER EXPENDITURES (OTH)

Contractor Name: LOCKHEED MARTIN SERVICES

EPA Contract Number: EPW09031

Project Officer(s): BURCHETTE, SELLA

Dates of Service: From: 02/16/2015 To: 07/19/2015

Summary of Service:

Total Costs: $152,485.17

Voucher Number	Schedule Number	Rate Type	Annual Allocation Rate
BVN0065	AVC150134	Provisional	1.275450
BVN0066	AVC150154	Provisional	1.275450
BVN0067	AVC150179	Provisional	1.275450
BVN0068	AVC150200	Provisional	1.275450
BVN0069	AVC150228	Provisional	1.275450

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 02

OU02- REMOVAL COSTS 09/01/2014-08/31/2015 (PP24/FY14-PP23/FY15)

Fiscal Year	Direct Costs	Indirect Rate(%)	Indirect Costs
2014	586.63	49.20%	288.62
2015	174,034.96	49.20%	85,625.19
	174,621.59		
Total EPA Indirect Costs			$85,913.81

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 02

OU02- REMOVAL COSTS 09/01/2014-08/31/2015 (PP24/FY14-PP23/FY15)

PAYROLL DIRECT COSTS

Employee Name	Fiscal Year	Pay Period	Payroll Costs	Ind. Rate (%)	Indirect Costs
BUTLER, ELIZABETH	2014	26	142.67	49.20%	70.19
		27	72.41	49.20%	35.63
			215.08		$105.82
HICK, PATRICIA	2014	26	371.55	49.20%	182.80
			371.55		$182.80
Total Fiscal Year 2014 Payroll Direct Costs:			586.63		$288.62
Total Fiscal Year 2014:			586.63		$288.62

PAYROLL DIRECT COSTS

Employee Name	Fiscal Year	Pay Period	Payroll Costs	Ind. Rate (%)	Indirect Costs
BASSO, RAYMOND	2015	02	162.08	49.20%	79.74
			162.08		$79.74
BUTLER, ELIZABETH	2015	02	146.31	49.20%	71.98
		03	182.89	49.20%	89.98
		04	256.06	49.20%	125.98
		05	877.92	49.20%	431.94
		06	1,243.72	49.20%	611.91
		07	802.73	49.20%	394.94
		08	1,386.54	49.20%	682.18
		09	1,581.97	49.20%	778.33
		10	1,146.92	49.20%	564.28
		11	1,028.26	49.20%	505.90
		12	2,056.54	49.20%	1,011.82
		13	2,303.03	49.20%	1,133.09

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 02

OU02- REMOVAL COSTS 09/01/2014-08/31/2015 (PP24/FY14-PP23/FY15)

PAYROLL DIRECT COSTS

Employee Name	Fiscal Year	Pay Period	Payroll Costs	Ind. Rate (%)	Indirect Costs
BUTLER, ELIZABETH	2015	14	355.94	49.20%	175.12
		15	158.19	49.20%	77.83
		17	197.74	49.20%	97.29
		18	39.54	49.20%	19.45
		19	118.66	49.20%	58.38
		20	402.19	49.20%	197.88
		21	158.19	49.20%	77.83
		22	395.49	49.20%	194.58
		23	237.28	49.20%	116.74
			15,076.11		$7,417.43
FLANAGAN, SARAH	2015	09	139.10	49.20%	68.44
		12	115.91	49.20%	57.03
		17	46.37	49.20%	22.81
		20	185.46	49.20%	91.25
			486.84		$239.53
HICK, PATRICIA	2015	05	143.47	49.20%	70.59
		08	325.22	49.20%	160.01
		12	126.44	49.20%	62.21
			595.13		$292.81
MUGDAN, WALTER	2015	13	705.63	49.20%	347.17
			705.63		$347.17
SY, WILLIAM L.	2015	03	138.01	49.20%	67.90
		06	483.04	49.20%	237.66
		07	414.05	49.20%	203.71
		09	1,325.78	49.20%	652.28
		10	1,360.67	49.20%	669.45

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 02

OU02- REMOVAL COSTS 09/01/2014-08/31/2015 (PP24/FY14-PP23/FY15)

PAYROLL DIRECT COSTS

Employee Name	Fiscal Year	Pay Period	Payroll Costs	Ind. Rate (%)	Indirect Costs
SY, WILLIAM L.	2015	11	593.12	49.20%	291.82
		12	209.33	49.20%	102.99
			4,524.00		$2,225.81
Total Fiscal Year 2015 Payroll Direct Costs:			21,549.79		$10,602.49

OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
EPW09031	BVN0065	04/10/2015	13,681.09	17,449.55	49.20%	15,316.27
	BVN0066	05/08/2015	9,933.40	12,669.56	49.20%	11,120.66
	BVN0067	06/15/2015	40,882.30	52,143.33	49.20%	45,768.61
	BVN0068	07/14/2015	1,101.32	1,404.68	49.20%	1,232.95
	BVN0069	08/21/2015	1,415.08	1,804.86	49.20%	1,584.21
			67,013.19	85,471.98		$75,022.70
Total Fiscal Year 2015 Other Direct Costs:			67,013.19	85,471.98		$75,022.70
Total Fiscal Year 2015:			174,034.96			$85,625.19

Total EPA Indirect Costs $85,913.81

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DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

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Narrative Cost Summary

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

1. The United States Environmental Protection Agency has incurred at least $10,003.60 for Regional Payroll Costs.

2. The United States Environmental Protection Agency has incurred costs of at least $360.36 for OTHER EXPENDITURES (OTH) contract expenditures. The total represents the amount spent under the ENSOFTEK contract.

3. The United States Environmental Protection Agency has incurred costs of at least $67,991.86 for OTHER EXPENDITURES (OTH) contract expenditures. The total represents the amount spent under the SYSTEMS RESEARCH & APPLICATIONS CORP contract.

4. The United States Environmental Protection Agency has incurred costs of at least $31,100.89 for OTHER EXPENDITURES (OTH) contract expenditures. The total represents the amount spent under the SKEO SOLUTIONS, INC. contract.

5. The United States Environmental Protection Agency has incurred costs of at least $12,420.00 for OTHER EXPENDITURES (OTH) contract expenditures. The total represents the amount spent under the SKEO SOLUTIONS, INC. contract.

6. The United States Environmental Protection Agency has incurred costs of at least $238,333.00 for STATE COOPERATIVE AGREEMENT (SCA) contract expenditures. The total represents the amount spent under the NEW JERSEY DEPT. OF ENVIRONMENTAL PROTECTION contract.

7. The United States Environmental Protection Agency has incurred at least $138,212.47 for Indirect Costs.

Total Site Costs:	$498,422.18

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Itemized Cost Summary

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

REGIONAL PAYROLL COSTS	$10,003.60
OTHER EXPENDITURES (OTH)	
ENSOFTEK (EPS21101)	$360.36
SYSTEMS RESEARCH & APPLICATIONS CORP (EPW09011)	$67,991.86
SKEO SOLUTIONS, INC. (EPW13015)	$31,100.89
SKEO SOLUTIONS, INC. (GSF0309N)	$12,420.00
STATE COOPERATIVE AGREEMENT (SCA)	
NEW JERSEY DEPT. OF ENVIRONMENTAL PROTECTION (V97250707)	$238,333.00
EPA INDIRECT COSTS	$138,212.47
Total Site Costs:	$498,422.18

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Regional Payroll Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

Employee Name	Fiscal Year	Pay Period	Payroll Hours	Payroll Costs
BENROUBI, ALBERT	2013	26	8.00	473.32
STAFF ACCOUNTANT	2014	04	3.00	177.49
		14	4.00	239.21
		15	2.00	119.61
			17.00	$1,009.63
BUTLER, ELIZABETH	2013	24	0.50	35.86
ENVIRONMENTAL ENGINEER		25	3.00	214.54
		26	7.00	501.85
		27	1.50	107.28
	2014	03	6.50	466.01
		04	1.50	107.54
		09	4.00	289.63
		22	2.00	138.40
			26.00	$1,861.11
ESCOBAR, ELBA	2014	03	52.50	2,294.31
ACCOUNTING TECHNICIAN		04	15.00	655.52
		13	7.50	331.45
		14	9.00	397.76
		15	3.00	132.59
			87.00	$3,811.63
HICK, PATRICIA	2013	24	1.00	97.04
GENERAL ATTORNEY		25	0.50	48.97
		26	2.00	195.44
		27	0.75	72.97
	2014	02	2.75	257.35
		03	3.50	327.54
		04	2.00	187.16
		05	1.25	116.98
		06	0.50	46.79
		07	2.50	244.93
		12	1.00	99.08
		13	0.25	24.78
		14	2.00	198.17

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Regional Payroll Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

Employee Name	Fiscal Year	Pay Period	Payroll Hours	Payroll Costs
HICK, PATRICIA	2014	15	0.50	49.56
		16	3.00	297.26
		18	1.50	148.64
		19	0.50	50.47
		20	3.00	297.26
		21	2.50	247.72
		22	0.50	49.56
			31.50	$3,057.67
YU, MEI	2013	27	0.50	32.95
Systems Accountant	2014	03	1.50	98.83
		04	2.00	131.78
			4.00	$263.56
Total Regional Payroll Costs			165.50	$10,003.60

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Contract Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

OTHER EXPENDITURES (OTH)

Contractor Name: ENSOFTEK

EPA Contract Number: EPS21101

Delivery Order Information	DO #	Start Date	End Date
	3	11/06/2013	07/05/2014

Project Officer(s): KEATING, ROBERT

Dates of Service: From: 11/06/2013 To: 07/05/2014

Summary of Service: RECORDS MANAGEMENT, DOCUMENT CONTROL

Total Costs: $360.36

Voucher Number	Voucher Date	Voucher Amount	Treasury Schedule Number	and Date	Site Amount
26	12/18/2013	102,438.27	AVC140067	01/08/2014	14.23
31	05/08/2014	94,284.37	AVC140164	05/22/2014	28.45
33	07/14/2014	110,695.38	AVC140211	07/25/2014	317.68
				Total:	$360.36

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Contract Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

OTHER EXPENDITURES (OTH)

Contractor Name: SYSTEMS RESEARCH & APPLICATIONS CORP

EPA Contract Number: EPW09011

Delivery Order Information

DO #	Start Date	End Date
111	07/01/2013	06/30/2014

Project Officer(s): DALTON, DEBORAH
MCGOWAN, MICHAEL

Dates of Service: From: 07/01/2013 To: 06/30/2014

Summary of Service:

Total Costs: $67,991.86

Voucher Number	Voucher Date	Voucher Amount	Treasury Schedule Number	and Date	Site Amount
23	09/16/2013	2,353.36	AVC130280	09/30/2013	2,353.36
24	10/11/2013	4,362.48	AVC140018	10/31/2013	4,362.48
25	11/14/2013	7,756.82	AVC140045	12/05/2013	7,756.82
26	12/13/2013	2,610.60	AVC140068	01/09/2014	2,610.60
27	01/15/2014	7,440.28	AVC140081	01/29/2014	7,440.28
28	02/17/2014	7,795.91	AVC140107	03/07/2014	7,795.91
29	03/12/2014	7,264.68	AVC140121	03/26/2014	7,264.68
30	04/15/2014	2,080.67	AVC140145	04/29/2014	2,080.67
31	05/07/2014	8,787.39	AVC140164	05/22/2014	8,787.39
32	06/13/2014	8,022.79	AVC140198	07/09/2014	8,022.79
33	07/15/2014	9,516.88	AVC140243	08/05/2014	9,516.88
				Total:	$67,991.86

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Contract Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

OTHER EXPENDITURES (OTH)

Contractor Name: SKEO SOLUTIONS, INC.

EPA Contract Number: EPW13015

Delivery Order Information

DO #	Start Date	End Date
1	09/01/2013	06/21/2014

Project Officer(s): MARGAND, FREYA

Dates of Service: From: 09/01/2013 To: 06/21/2014

Summary of Service:

Total Costs: $31,100.89

Voucher Number	Voucher Date	Voucher Amount	Treasury Schedule Number	and Date	Site Amount
BY1-TO1-003	10/21/2013	60,597.72	AVC140028	11/13/2013	537.42
BY1-TO1-005	12/16/2013	53,083.93	AVC140068	01/09/2014	5,327.90
BY1-TO1-006	01/15/2014	54,317.77	AVC140086	02/05/2014	2,378.28
BY1-TO1-007	02/12/2014	55,242.91	AVC140106	03/06/2014	3,539.17
BY1-TO1-008	03/13/2014	46,327.66	AVC140128	04/04/2014	42.57
BY1-TO1-009	04/15/2014	53,390.76	AVC140150	05/06/2014	1,981.65
BY1-TO1-010	05/15/2014	58,942.52	AVC140174	06/04/2014	3,980.97
BY1-TO1-011	06/13/2014	40,168.02	AVC140196	07/07/2014	7,564.70
BY1-TO1-012	07/10/2014	52,412.22	AVC140212	07/28/2014	5,748.23
				Total:	$31,100.89

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Contract Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

OTHER EXPENDITURES (OTH)

Contractor Name: SKEO SOLUTIONS, INC.

EPA Contract Number: GSF0309N

Delivery Order Information

DO #	Start Date	End Date
87	01/23/2013	06/22/2013

Project Officer(s): MARGAND, FREYA

Dates of Service: From: 01/23/2013 To: 06/22/2013

Summary of Service:

Total Costs: $12,420.00

Voucher Number	Voucher Date	Voucher Amount	Treasury Schedule Number	and Date	Site Amount
BRIDGE-001	03/08/2013	35,606.37	AVC130151	04/05/2013	1,212.50
BRIDGE-002	04/11/2013	87,420.45	AVC130171	05/03/2013	8,870.00
BRIDGE-003	05/09/2013	105,414.63	AVC130191	06/03/2013	3,152.50
BRIDGE-004	06/12/2013	56,973.25	AVC130209	06/25/2013	655.00
BRIDGE-005	07/17/2013	39,849.40	AVC130247	08/15/2013	-1,470.00
				Total:	$12,420.00

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Contract Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

STATE COOPERATIVE AGREEMENT (SCA)

State Agency: NEW JERSEY DEPT. OF ENVIRONMENTAL PROTECTION

SCA Number: V97250707

Project Officer(s): Carole Petersen

Dates of Service: From: 10/01/2007 To: 09/30/2015

Summary of Service:

Total Costs: $238,333.00

Drawdown Number	Drawdown Date	Drawdown Amount	Treasury Schedule Number	and Date	Site Amount
216000928A	12/17/2013	684,406.00	43513455702	12/17/2013	238,333.00
				Total:	$238,333.00

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

Fiscal Year	Direct Costs	Indirect Rate(%)	Indirect Costs
2013	16,553.58	38.37%	6,351.59
2014	343,656.13	38.37%	131,860.88
	360,209.71		
Total EPA Indirect Costs			$138,212.47

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

PAYROLL DIRECT COSTS

Employee Name	Fiscal Year	Pay Period	Payroll Costs	Ind. Rate (%)	Indirect Costs
BENROUBI, ALBERT	2013	26	473.32	38.37%	181.61
			473.32		$181.61
BUTLER, ELIZABETH	2013	24	35.86	38.37%	13.76
		25	214.54	38.37%	82.32
		26	501.85	38.37%	192.56
		27	107.28	38.37%	41.16
			859.53		$329.80
HICK, PATRICIA	2013	24	97.04	38.37%	37.23
		25	48.97	38.37%	18.79
		26	195.44	38.37%	74.99
		27	72.97	38.37%	28.00
			414.42		$159.01
YU, MEI	2013	27	32.95	38.37%	12.64
			32.95		$12.64
Total Fiscal Year 2013 Payroll Direct Costs:			1,780.22		$683.06

OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
EPW09011	23	09/30/2013	2,353.36	0.00	38.37%	902.98
			2,353.36	0.00		$902.98
GSF0309N	BRIDGE-001	04/05/2013	1,212.50	0.00	38.37%	465.24

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
GSF0309N	BRIDGE-002	05/03/2013	8,870.00	0.00	38.37%	3,403.42
	BRIDGE-003	06/03/2013	3,152.50	0.00	38.37%	1,209.61
	BRIDGE-004	06/25/2013	655.00	0.00	38.37%	251.32
	BRIDGE-005	08/15/2013	-1,470.00	0.00	38.37%	-564.04
			12,420.00	0.00		$4,765.55
Total Fiscal Year 2013 Other Direct Costs:			14,773.36	0.00		$5,668.53
Total Fiscal Year 2013:			16,553.58			$6,351.59

PAYROLL DIRECT COSTS

Employee Name	Fiscal Year	Pay Period	Payroll Costs	Ind. Rate (%)	Indirect Costs
BENROUBI, ALBERT	2014	04	177.49	38.37%	68.10
		14	239.21	38.37%	91.78
		15	119.61	38.37%	45.89
			536.31		$205.77
BUTLER, ELIZABETH	2014	03	466.01	38.37%	178.81
		04	107.54	38.37%	41.26
		09	289.63	38.37%	111.13
		22	138.40	38.37%	53.10
			1,001.58		$384.30
ESCOBAR, ELBA	2014	03	2,294.31	38.37%	880.33
		04	655.52	38.37%	251.52
		13	331.45	38.37%	127.18
		14	397.76	38.37%	152.62

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

PAYROLL DIRECT COSTS

Employee Name	Fiscal Year	Pay Period	Payroll Costs	Ind. Rate (%)	Indirect Costs
ESCOBAR, ELBA	2014	15	132.59	38.37%	50.87
			3,811.63		$1,462.52
HICK, PATRICIA	2014	02	257.35	38.37%	98.75
		03	327.54	38.37%	125.68
		04	187.16	38.37%	71.81
		05	116.98	38.37%	44.89
		06	46.79	38.37%	17.95
		07	244.93	38.37%	93.98
		12	99.08	38.37%	38.02
		13	24.78	38.37%	9.51
		14	198.17	38.37%	76.04
		15	49.56	38.37%	19.02
		16	297.26	38.37%	114.06
		18	148.64	38.37%	57.03
		19	50.47	38.37%	19.37
		20	297.26	38.37%	114.06
		21	247.72	38.37%	95.05
		22	49.56	38.37%	19.02
			2,643.25		$1,014.24
YU, MEI	2014	03	98.83	38.37%	37.92
		04	131.78	38.37%	50.56
			230.61		$88.48
Total Fiscal Year 2014 Payroll Direct Costs:			8,223.38		$3,155.31

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
EPS21101	26	01/08/2014	14.23	0.00	38.37%	5.46
	31	05/22/2014	28.45	0.00	38.37%	10.92
	33	07/25/2014	317.68	0.00	38.37%	121.89
			360.36	0.00		$138.27
EPW09011	24	10/31/2013	4,362.48	0.00	38.37%	1,673.88
	25	12/05/2013	7,756.82	0.00	38.37%	2,976.29
	26	01/09/2014	2,610.60	0.00	38.37%	1,001.69
	27	01/29/2014	7,440.28	0.00	38.37%	2,854.84
	28	03/07/2014	7,795.91	0.00	38.37%	2,991.29
	29	03/26/2014	7,264.68	0.00	38.37%	2,787.46
	30	04/29/2014	2,080.67	0.00	38.37%	798.35
	31	05/22/2014	79.38	0.00	38.37%	30.46
			7,857.40	0.00	38.37%	3,014.88
			850.61	0.00	38.37%	326.38
	32	07/09/2014	8,022.79	0.00	38.37%	3,078.34
	33	08/05/2014	485.71	0.00	38.37%	186.37
			9,031.17	0.00	38.37%	3,465.26
			65,638.50	0.00		$25,185.49
EPW13015	BY1-TO1-003	11/13/2013	537.42	0.00	38.37%	206.21
	BY1-TO1-005	01/09/2014	5,327.90	0.00	38.37%	2,044.32
	BY1-TO1-006	02/05/2014	2,378.28	0.00	38.37%	912.55
	BY1-TO1-007	03/06/2014	3,539.17	0.00	38.37%	1,357.98
	BY1-TO1-008	04/04/2014	42.57	0.00	38.37%	16.33
	BY1-TO1-009	05/06/2014	1,981.65	0.00	38.37%	760.36
	BY1-TO1-010	06/04/2014	3,980.97	0.00	38.37%	1,527.50
	BY1-TO1-011	07/07/2014	7,564.70	0.00	38.37%	2,902.58
	BY1-TO1-012	07/28/2014	5,748.23	0.00	38.37%	2,205.60
			31,100.89	0.00		$11,933.43

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2013 - 08/31/2014 (PP24 FY13 - PP23 FY14)

OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
V97250707	216000928A	12/17/2013	20,151.00	0.00	38.37%	7,731.94
			23,083.00	0.00	38.37%	8,856.95
			127,481.00	0.00	38.37%	48,914.46
			61,980.00	0.00	38.37%	23,781.73
			2,819.00	0.00	38.37%	1,081.65
			2,819.00	0.00	38.37%	1,081.65
			238,333.00	0.00		$91,448.38
Total Fiscal Year 2014 Other Direct Costs:			335,432.75	0.00		$128,705.57
Total Fiscal Year 2014:			343,656.13			$131,860.88
Total EPA Indirect Costs						$138,212.47

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Table of Contents

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

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SRA INTERNATIONAL, INC. (EPW14020) ..... Section 5

EPA INDIRECT COSTS SUMMARY ..... Section 6

EPA INDIRECT COSTS ..... Section 7

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Narrative Cost Summary

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

1. The United States Environmental Protection Agency has incurred at least $13,384.24 for Regional Payroll Costs.

2. The United States Environmental Protection Agency has incurred costs of at least $806.36 for OTHER EXPENDITURES (OTH) contract expenditures. The total represents the amount spent under the ENSOFTEK contract.

3. The United States Environmental Protection Agency has incurred costs of at least $54,574.64 for TECHNICAL AND ANALYTICAL SUPPORT SERVICE contract expenditures. The total represents the amount spent under the SRA INTERNATIONAL, INC. contract.

4. The United States Environmental Protection Agency has incurred at least $33,832.52 for Indirect Costs.

Total Site Costs:	$102,597.76

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Itemized Cost Summary

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

REGIONAL PAYROLL COSTS	$13,384.24
OTHER EXPENDITURES (OTH)	
ENSOFTEK (EPS21101)	$806.36
TECHNICAL AND ANALYTICAL SUPPORT SERVICE	
SRA INTERNATIONAL, INC. (EPW14020)	$54,574.64
EPA INDIRECT COSTS	$33,832.52
Total Site Costs:	$102,597.76

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Regional Payroll Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

Employee Name	Fiscal Year	Pay Period	Payroll Hours	Payroll Costs
BENROUBI, ALBERT	2014	26	7.00	418.63
		27	6.00	358.82
	2015	02	6.00	362.53
		03	5.00	302.11
		11	16.00	977.15
		12	6.00	366.43
		14	3.00	183.21
			49.00	$2,968.88
BUTLER, ELIZABETH	2014	24	1.00	69.20
		25	6.00	424.81
		26	14.00	998.72
	2015	02	4.00	292.65
		03	3.50	256.06
		04	1.50	109.73
		05	1.00	73.16
		08	1.00	72.98
		09	20.00	1,581.97
		10	4.00	316.40
		15	1.00	79.10
		16	1.00	79.10
		22	2.00	158.19
			60.00	$4,512.07
ESCOBAR, ELBA	2014	27	30.00	1,325.85
	2015	01	22.50	994.36
		02	33.50	1,495.17
		03	1.50	66.94
			87.50	$3,882.32
HICK, PATRICIA	2014	24	1.25	123.86
		25	1.25	123.86
		26	2.75	272.48
	2015	02	3.25	310.83
		03	0.50	47.84
		05	1.00	95.64

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Regional Payroll Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

Employee Name	Fiscal Year	Pay Period	Payroll Hours	Payroll Costs
HICK, PATRICIA	2015	06	0.25	23.91
		07	2.25	225.15
		09	5.25	531.03
		10	0.75	75.86
		12	0.50	50.58
			19.00	$1,881.04
YU, MEI	2014	27	0.50	35.46
	2015	12	1.50	104.47
			2.00	$139.93
Total Regional Payroll Costs			217.50	$13,384.24

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Contract Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

OTHER EXPENDITURES (OTH)

Contractor Name: ENSOFTEK

EPA Contract Number: EPS21101

Delivery Order Information

DO #	Start Date	End Date
3	08/06/2014	09/05/2014
4	01/06/2015	02/05/2015

Project Officer(s): KEATING, ROBERT

Dates of Service: From: 08/06/2014 To: 02/05/2015

Summary of Service: RECORDS MANAGEMENT, DOCUMENT CONTROL

Total Costs: $806.36

Voucher Number	Voucher Date	Voucher Amount	Treasury Schedule Number	and Date	Site Amount
35	09/14/2014	124,025.76	AVC140324	09/26/2014	39.71
40	02/19/2015	131,869.60	AVC150119	03/20/2015	766.65
				Total:	$806.36

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Contract Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

TECHNICAL AND ANALYTICAL SUPPORT SERVICE

Contractor Name: SRA INTERNATIONAL, INC.

EPA Contract Number: EPW14020

Delivery Order Information

DO #	Start Date	End Date
11	07/09/2014	07/31/2015

Project Officer(s): MCGOWAN, MICHAEL

Dates of Service: From: 07/09/2014 To: 07/31/2015

Summary of Service: TECHNICAL AND ANALYTICAL SUPPORT SERVICE

Total Costs: $54,574.64

Voucher Number	Voucher Date	Voucher Amount	Treasury Schedule Number	and Date	Site Amount
1	09/15/2014	1,805.95	AVC150003	10/03/2014	1,805.95
2	10/15/2014	5,649.17	AVC150024	11/03/2014	5,649.17
3	11/17/2014	9,143.57	AVC150045	12/03/2014	9,143.57
4	12/15/2014	2,099.81	AVC150065	12/31/2014	2,099.81
5	01/15/2015	8,122.51	AVC150086	02/02/2015	8,122.51
6	02/16/2015	2,213.17	AVC150108	03/05/2015	2,213.17
7	03/16/2015	8,124.04	AVC150125	03/30/2015	8,124.04
8	04/15/2015	1,459.38	AVC150149	05/01/2015	1,459.38
9	05/15/2015	7,531.80	AVC150173	06/05/2015	7,531.80
10	06/15/2015	2,755.37	AVC150194	07/03/2015	2,755.37
11	07/15/2015	3,202.13	AVC150213	07/31/2015	3,202.13
12	08/17/2015	2,467.74	AVC150234	08/31/2015	2,467.74
				Total:	$54,574.64

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

Fiscal Year	Direct Costs	Indirect Rate(%)	Indirect Costs
2014	4,191.40	49.20%	2,062.19
2015	64,573.84	49.20%	31,770.33
	68,765.24		
Total EPA Indirect Costs			$33,832.52

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

PAYROLL DIRECT COSTS

Employee Name	Fiscal Year	Pay Period	Payroll Costs	Ind. Rate (%)	Indirect Costs
BENROUBI, ALBERT	2014	26	418.63	49.20%	205.97
		27	358.82	49.20%	176.54
			777.45		$382.51
BUTLER, ELIZABETH	2014	24	69.20	49.20%	34.05
		25	424.81	49.20%	209.01
		26	998.72	49.20%	491.37
			1,492.73		$734.43
ESCOBAR, ELBA	2014	27	1,325.85	49.20%	652.32
			1,325.85		$652.32
HICK, PATRICIA	2014	24	123.86	49.20%	60.94
		25	123.86	49.20%	60.94
		26	272.48	49.20%	134.06
			520.20		$255.94
YU, MEI	2014	27	35.46	49.20%	17.45
			35.46		$17.45
Total Fiscal Year 2014 Payroll Direct Costs:			4,151.69		$2,042.65

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
EPS21101	35	09/26/2014	39.71	0.00	49.20%	19.54
			39.71	0.00		$19.54
Total Fiscal Year 2014 Other Direct Costs:			39.71	0.00		$19.54
Total Fiscal Year 2014:			4,191.40			$2,062.19

PAYROLL DIRECT COSTS

Employee Name	Fiscal Year	Pay Period	Payroll Costs	Ind. Rate (%)	Indirect Costs
BENROUBI, ALBERT	2015	02	362.53	49.20%	178.36
		03	302.11	49.20%	148.64
		11	977.15	49.20%	480.76
		12	366.43	49.20%	180.28
		14	183.21	49.20%	90.14
			2,191.43		$1,078.18
BUTLER, ELIZABETH	2015	02	292.65	49.20%	143.98
		03	256.06	49.20%	125.98
		04	109.73	49.20%	53.99
		05	73.16	49.20%	35.99
		08	72.98	49.20%	35.91
		09	1,581.97	49.20%	778.33
		10	316.40	49.20%	155.67
		15	79.10	49.20%	38.92
		16	79.10	49.20%	38.92
		22	158.19	49.20%	77.83
			3,019.34		$1,485.52

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

PAYROLL DIRECT COSTS

Employee Name	Fiscal Year	Pay Period	Payroll Costs	Ind. Rate (%)	Indirect Costs
ESCOBAR, ELBA	2015	01	994.36	49.20%	489.23
		02	1,495.17	49.20%	735.62
		03	66.94	49.20%	32.93
			2,556.47		$1,257.78
HICK, PATRICIA	2015	02	310.83	49.20%	152.93
		03	47.84	49.20%	23.54
		05	95.64	49.20%	47.05
		06	23.91	49.20%	11.76
		07	225.15	49.20%	110.77
		09	531.03	49.20%	261.27
		10	75.86	49.20%	37.32
		12	50.58	49.20%	24.89
			1,360.84		$669.53
YU, MEI	2015	12	104.47	49.20%	51.40
			104.47		$51.40
Total Fiscal Year 2015 Payroll Direct Costs:			9,232.55		$4,542.41

OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
EPS21101	40	03/20/2015	766.65	0.00	49.20%	377.19
			766.65	0.00		$377.19
EPW14020	1	10/03/2014	1,805.95	0.00	49.20%	888.53
	2	11/03/2014	5,649.17	0.00	49.20%	2,779.39

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96
Operable Unit(s): 00, Blank

COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
EPW14020	3	12/03/2014	9,143.57	0.00	49.20%	4,498.64
	4	12/31/2014	2,099.81	0.00	49.20%	1,033.11
	5	02/02/2015	8,122.51	0.00	49.20%	3,996.27
	6	03/05/2015	2,213.17	0.00	49.20%	1,088.88
	7	03/30/2015	8,124.04	0.00	49.20%	3,997.03
	8	05/01/2015	1,459.38	0.00	49.20%	718.01
	9	06/05/2015	7,531.80	0.00	49.20%	3,705.65
	10	07/03/2015	2,755.37	0.00	49.20%	1,355.64
	11	07/31/2015	3,202.13	0.00	49.20%	1,575.45
	12	08/31/2015	2,467.74	0.00	49.20%	1,214.13
			54,574.64	0.00		$26,850.73
Total Fiscal Year 2015 Other Direct Costs:			55,341.29	0.00		$27,227.92
Total Fiscal Year 2015:			64,573.84			$31,770.33
Total EPA Indirect Costs						$33,832.52