From:	Flanagan, Sarah
To:	Larry Silver - Langsam Stevens Silver & Hollaender (lsilver@lssh-law.com)
Subject:	Diamond Alkali - 2008 Removal Action
Date:	Thursday, February 22, 2018 11:51:00 AM
Attachments:	8.2.2017 Bill for Collection for OU2 removal action 02-504027.pdf

Larry – attached is the most recent oversight bill for the 2008 removal action.

In both 2016 and 2017, the bills went to Frank Parigi. The last one to be sent to Tierra Solutions was the bill issued in 2015.

Sarah P. Flanagan
Branch Chief, NJ Superfund Branch
Office of Regional Counsel
NJ Superfund Branch
USEPA, Region 2
290 Broadway, 17th Floor
New York, NY 10007
Tel: 212-637-3136

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 2
290 Broadway
New York, NY 10007-1866

AUG - 2 2017

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. 2721726S0030

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. §§ 9601-9675. 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 (the "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. 2721726S0030 ("Bill"), covering the period from September 1, 2015 through September 3, 2016.

Enclosure A is a narrative statement describing the Future Response Costs paid during the time period covered by the Bill. Enclosure B consists of two itemized cost summaries, referred to as Superfund Cost Recovery Package Imaging and On-Line System ("SCORPIO$") reports, for the Diamond Alkali Site, site identification number 02-96, Operable Unit ("OU") 00 and OU02 Removal. For the purposes of the SCORPIO$ reports, OU03 represents the expansion of the CERCLA investigation from the six-mile Passaic River Study Area to the seventeen-mile Lower

504027

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$ report that appears 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 (Newark Bay), as described in the enclosure. While all OU00 charges are included in the SCORPIO$ report for OU00 that appears in Enclosure B, this Bill includes only those costs that EPA has apportioned to the OCC/TSI Removal.

EPA certifies that as of September 3, 2016, it has expended at least **$ 11,696.35** 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"). If payment is not received by this date, a daily interest charge of 0.0019% (0.70% per annum) will be assessed from the first day after the payment is overdue through the date of payment. To make this payment, please instruct your bank to remit payment to EPA via EFT accompanied by the following information:

Amount of payment: **$ 11,696.35**
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**
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 must send either an email 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, Esq., 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

Jessica Henderson
U.S. Environmental Protection Agency
26 W. Martin Luther King Drive
Attention: FINANCE
MS: NWD2
Cincinnati, Ohio 45268
emails: henderson.jessica@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 Future Response Costs paid pursuant to the Order.

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 Sarah Flanagan at (212) 637-3136. Thank you for your prompt attention to this matter.

Sincerely yours,

Michael Sivak, Chief
Passaic, Hackensack & Newark Bay Remediation Branch
Emergency & Remedial Response Division

Enclosures

cc: Juan P. Somoano, P.G.
Vice President
Glenn Springs Holdings, Inc.
5 Greenway Plaza, Suite 110
Houston, TX 77046

ENCLOSURE A

Summary of Costs Paid by EPA
09/01/15 through 09/03/16
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$ REPORT

Payroll from OU02 Removal report:

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 Section of EPA's Itemized Cost Summary.

$ 4,901.42

Indirect Costs from OU02 Removal report:

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 Summary.

[$4,901.42 * 47.99%] $ 2,352.17

Subtotal of Costs for this billing contained in OU02 Removal SCORPIO$ Report: **$ 7,253.59**

COSTS FROM OU00 SCORPIO$ REPORT

Payroll and Travel from OU00 report:

The OU00 SCORPIO$ report includes 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 (Newark Bay). Therefore, these costs were divided evenly among the seven components.

[$20,559.12 + $90.20 / 7] $ 2,949.90

Other Expenditures from OU00 report:

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 (Newark Bay). Therefore, these costs were divided evenly among the seven components.

[$364.85 / 7] $ 52.12

Technical and Analytical Support Services from OU00 report:

These costs consist of "SRA International, Inc." charges for contractor support for Community Advisory Group (CAG) facilitation. These costs were not related to EPA oversight of work performed on OU02 Removal.

$ 0.00

Indirect Costs from OU00 report:

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 Summary.

Indirect Costs from OU00 SCORPIO$ Report apportioned to OU02 Removal
[$10,085.18 / 7] $ 1,440.74

Subtotal of Costs for this billing contained in OU00 SCORPIO$ Report: **$ 4,442.76**

Subtotal of Costs for Bill contained in OU02 Removal SCORPIO$ Report: **$ 7,253.59**
Subtotal of Costs for Bill contained in OU00 SCORPIO$ Report: **$ 4,442.76**

OU02 OCC/TSI Removal Bill for Collection Amount

$11,696.35

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Table of Contents

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

COSTS 09/01/2015 - 09/03/2016 (PP24/FY15-PP25/FY16)

NARRATIVE COST SUMMARY ..... Section 1

ITEMIZED COST SUMMARY ..... Section 2

REGIONAL PAYROLL COSTS ..... Section 3

REGIONAL TRAVEL COSTS ..... Section 4

OTHER EXPENDITURES (OTH)

ENSOFTEK (EPS21101) ..... Section 5

TECHNICAL AND ANALYTICAL SUPPORT SERVICE

SRA INTERNATIONAL, INC. (EPW14020) ..... Section 6

EPA INDIRECT COSTS SUMMARY ..... Section 7

EPA INDIRECT COSTS ..... Section 8

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Narrative Cost Summary

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

COSTS 09/01/2015 - 09/03/2016 (PP24/FY15-PP25/FY16)

1. The United States Environmental Protection Agency has incurred at least $20,559.12 for Regional Payroll Costs.

2. The United States Environmental Protection Agency has incurred at least $90.20 for Regional Travel Costs.

3. The United States Environmental Protection Agency has incurred costs of at least $364.85 for OTHER EXPENDITURES (OTH) contract expenditures. The total represents the amount spent under the ENSOFTEK contract.

4. The United States Environmental Protection Agency has incurred costs of at least $61,339.67 for TECHNICAL AND ANALYTICAL SUPPORT SERVICE contract expenditures. The total represents the amount spent under the SRA INTERNATIONAL, INC. contract.

5. The United States Environmental Protection Agency has incurred at least $39,522.08 for Indirect Costs.

Total Site Costs:	$121,875.92

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Itemized Cost Summary

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

COSTS 09/01/2015 - 09/03/2016 (PP24/FY15-PP25/FY16)

REGIONAL PAYROLL COSTS	$20,559.12
REGIONAL TRAVEL COSTS	$90.20
OTHER EXPENDITURES (OTH)	
ENSOFTEK (EPS21101)	$364.85
TECHNICAL AND ANALYTICAL SUPPORT SERVICE	
SRA INTERNATIONAL, INC. (EPW14020)	$61,339.67
EPA INDIRECT COSTS	$39,522.08
Total Site Costs:	$121,875.92

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Regional Payroll Costs

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

COSTS 09/01/2015 - 09/03/2016 (PP24/FY15-PP25/FY16)

Employee Name	Fiscal Year	Pay Period	Payroll Hours	Payroll Costs
BENROUBI, ALBERT	2015	27	8.00	488.56
	2016	02	11.00	674.43
		14	3.00	191.46
		15	2.00	127.64
		16	9.00	611.45
		17	9.00	611.45
		18	5.00	339.70
		19	6.00	407.64
		21	6.00	407.76
		23	13.00	883.21
		24	7.00	475.57
			79.00	$5,218.87
BUTLER, ELIZABETH	2016	02	4.00	317.57
		03	12.50	992.40
		08	3.00	238.00
		09	4.50	359.46
		10	0.50	40.38
		12	1.00	80.77
		13	2.50	199.93
		14	2.50	201.93
		15	0.50	40.39
		16	10.50	841.74
		17	0.50	40.39
		20	2.00	161.54
		21	2.00	163.74
		22	3.50	282.71
		23	5.50	444.24
		24	7.50	605.80
			62.50	$5,010.99
ECHOLS, CECILIA	2015	26	6.00	463.25
	2016	16	1.00	78.16
			7.00	$541.41
ESCOBAR, ELBA	2015	26	16.00	722.19

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Regional Payroll Costs

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

COSTS 09/01/2015 - 09/03/2016 (PP24/FY15-PP25/FY16)

Employee Name	Fiscal Year	Pay Period	Payroll Hours	Payroll Costs
ESCOBAR, ELBA	2015	27	38.50	1,737.79
	2016	01	14.50	654.44
		02	3.00	135.92
			72.00	$3,250.34
FLANAGAN, SARAH	2016	10	1.00	94.75
		20	5.00	498.52
		21	5.00	498.52
		22	12.00	1,221.67
		23	9.00	897.31
		24	4.00	398.82
		25	1.00	99.71
			37.00	$3,709.30
MAY-REDDY, JENNIFER	2016	16	2.00	140.74
			2.00	$140.74
YEH, ALICE	2016	04	3.00	228.75
		21	3.00	246.13
			6.00	$474.88
YU, MEI	2016	02	2.00	143.50
		18	1.00	73.10
			3.00	$216.60
ZIZILA, FRANCES	2016	23	4.00	354.78
		24	10.50	931.27
		25	8.00	709.94
			22.50	$1,995.99
Total Regional Payroll Costs			291.00	$20,559.12

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Regional Travel Costs

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

COSTS 09/01/2015 - 09/03/2016 (PP24/FY15-PP25/FY16)

Traveler/Vendor Name	Travel Number	Treasury Schedule	Treasury Schedule Date	Travel Costs
ECHOLS, CECILIA	TAA025P2	AMP160028	11/10/2015	83.40
	TAA025P2	AVC160028	11/10/2015	6.80
				$90.20
Total Regional Travel Costs				$90.20

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Contract Costs

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

COSTS 09/01/2015 - 09/03/2016 (PP24/FY15-PP25/FY16)

OTHER EXPENDITURES (OTH)

Contractor Name: ENSOFTEK

EPA Contract Number: EPS21101

Delivery Order Information

DO #	Start Date	End Date
4	09/06/2015	10/05/2015
5	05/01/2016	06/30/2016

Project Officer(s): BUTLER, DEBORAH
KEATING, ROBERT

Dates of Service: From: 09/06/2015 To: 06/30/2016

Summary of Service: RECORDS MANAGEMENT, DOCUMENT CONTROL

Total Costs: $364.85

Voucher Number	Voucher Date	Voucher Amount	Treasury Schedule Number	and Date	Site Amount
34	08/14/2014	118,260.37	AVC140300	08/27/2014	39.71
48	10/14/2015	91,035.51	AVC160021	10/30/2015	50.44
56	06/15/2016	108,862.03	AVC160210	07/15/2016	72.29
57	07/13/2016	114,079.16	AVC160221	08/01/2016	202.41
				Total:	$364.85

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Contract Costs

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

COSTS 09/01/2015 - 09/03/2016 (PP24/FY15-PP25/FY16)

TECHNICAL AND ANALYTICAL SUPPORT SERVICE

Contractor Name: SRA INTERNATIONAL, INC.

EPA Contract Number: EPW14020

Delivery Order Information

DO #	Start Date	End Date
11	08/01/2015	07/31/2016

Project Officer(s): MCGOWAN, MICHAEL

Dates of Service: From: 08/01/2015 To: 07/31/2016

Summary of Service: TECHNICAL AND ANALYTICAL SUPPORT SERVICE

Total Costs: $61,339.67

Voucher Number	Voucher Date	Voucher Amount	Treasury Schedule Number	and Date	Site Amount
13	09/11/2015	7,892.70	AVC150252	09/25/2015	7,892.70
14	10/15/2015	2,472.44	AVC160020	10/29/2015	2,472.44
15	11/16/2015	7,576.05	AVC160040	11/30/2015	7,576.05
16	12/15/2015	3,149.15	AVC160071	01/12/2016	2,552.75
17	01/15/2016	7,352.75	AVC160085	02/01/2016	7,352.75
18	02/15/2016	6,227.88	AVC160120	03/21/2016	2,108.77
19	03/15/2016	7,943.53	AVC160126	03/29/2016	7,943.53
20	04/15/2016	2,146.10	AVC160156	04/29/2016	2,146.10
21	05/16/2016	7,882.33	AVC160180	06/03/2016	7,882.33
22	06/15/2016	3,194.56	AVC160200	06/30/2016	3,194.56
23	07/15/2016	7,862.88	AVC160220	07/29/2016	7,862.88
24	08/15/2016	2,354.81	AVC160241	08/29/2016	2,354.81
				Total:	$61,339.67

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EPA Indirect Costs

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

COSTS 09/01/2015 - 09/03/2016 (PP24/FY15-PP25/FY16)

Fiscal Year	Direct Costs	Indirect Rate(%)	Indirect Costs
2014	39.71	49.20%	19.54
2015	11,304.49	47.99%	5,425.03
2016	71,009.64	47.99%	34,077.51
	82,353.84		
Total EPA Indirect Costs			$39,522.08

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EPA Indirect Costs

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

COSTS 09/01/2015 - 09/03/2016 (PP24/FY15-PP25/FY16)

OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
EPS21101	34	08/27/2014	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:				39.71		$19.54

PAYROLL DIRECT COSTS

Employee Name	Fiscal Year	Pay Period	Payroll Costs	Ind. Rate (%)	Indirect Costs
BENROUBI, ALBERT	2015	27	488.56	47.99%	234.46
			488.56		$234.46
ECHOLS, CECILIA	2015	26	463.25	47.99%	222.31
			463.25		$222.31
ESCOBAR, ELBA	2015	26	722.19	47.99%	346.58
		27	1,737.79	47.99%	833.97
			2,459.98		$1,180.55
Total Fiscal Year 2015 Payroll Direct Costs:			3,411.79		$1,637.32

OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
EPW14020	13	09/25/2015	5,425.36	0.00	47.99%	2,603.63

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EPA Indirect Costs

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

COSTS 09/01/2015 - 09/03/2016 (PP24/FY15-PP25/FY16)

OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
EPW14020	13	09/25/2015	2,467.34	0.00	47.99%	1,184.08
			7,892.70	0.00		$3,787.71
Total Fiscal Year 2015 Other Direct Costs:			7,892.70	0.00		$3,787.71
Total Fiscal Year 2015:			11,304.49			$5,425.03

PAYROLL DIRECT COSTS

Employee Name	Fiscal Year	Pay Period	Payroll Costs	Ind. Rate (%)	Indirect Costs
BENROUBI, ALBERT	2016	02	674.43	47.99%	323.66
		14	191.46	47.99%	91.88
		15	127.64	47.99%	61.25
		16	611.45	47.99%	293.43
		17	611.45	47.99%	293.43
		18	339.70	47.99%	163.02
		19	407.64	47.99%	195.63
		21	407.76	47.99%	195.68
		23	883.21	47.99%	423.85
		24	475.57	47.99%	228.23
			4,730.31		$2,270.06
BUTLER, ELIZABETH	2016	02	317.57	47.99%	152.40
		03	992.40	47.99%	476.25
		08	238.00	47.99%	114.22
		09	359.46	47.99%	172.50
		10	40.38	47.99%	19.38
		12	80.77	47.99%	38.76
		13	199.93	47.99%	95.95
		14	201.93	47.99%	96.91

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EPA Indirect Costs

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

COSTS 09/01/2015 - 09/03/2016 (PP24/FY15-PP25/FY16)

PAYROLL DIRECT COSTS

Employee Name	Fiscal Year	Pay Period	Payroll Costs	Ind. Rate (%)	Indirect Costs
BUTLER, ELIZABETH	2016	15	40.39	47.99%	19.38
		16	841.74	47.99%	403.95
		17	40.39	47.99%	19.38
		20	161.54	47.99%	77.52
		21	163.74	47.99%	78.58
		22	282.71	47.99%	135.67
		23	444.24	47.99%	213.19
		24	605.80	47.99%	290.72
			5,010.99		$2,404.76
ECHOLS, CECILIA	2016	16	78.16	47.99%	37.51
			78.16		$37.51
ESCOBAR, ELBA	2016	01	654.44	47.99%	314.07
		02	135.92	47.99%	65.23
			790.36		$379.30
FLANAGAN, SARAH	2016	10	94.75	47.99%	45.47
		20	498.52	47.99%	239.24
		21	498.52	47.99%	239.24
		22	1,221.67	47.99%	586.28
		23	897.31	47.99%	430.62
		24	398.82	47.99%	191.39
		25	99.71	47.99%	47.85
			3,709.30		$1,780.09
MAY-REDDY, JENNIFER	2016	16	140.74	47.99%	67.54
			140.74		$67.54

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EPA Indirect Costs

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

COSTS 09/01/2015 - 09/03/2016 (PP24/FY15-PP25/FY16)

PAYROLL DIRECT COSTS

Employee Name	Fiscal Year	Pay Period	Payroll Costs	Ind. Rate (%)	Indirect Costs
YEH, ALICE	2016	04	228.75	47.99%	109.78
		21	246.13	47.99%	118.12
			474.88		$227.90
YU, MEI	2016	02	143.50	47.99%	68.87
		18	73.10	47.99%	35.08
			216.60		$103.95
ZIZILA, FRANCES	2016	23	354.78	47.99%	170.26
		24	931.27	47.99%	446.92
		25	709.94	47.99%	340.70
			1,995.99		$957.88
Total Fiscal Year 2016 Payroll Direct Costs:			17,147.33		$8,228.99

TRAVEL DIRECT COSTS

Traveler/Vendor Name	Travel Number	Treasury Schedule Date	Travel Costs	Ind. Rate (%)	Indirect Costs
ECHOLS, CECILIA	TAA025P2	11/10/2015	6.80	47.99%	3.26
			83.40	47.99%	40.03
			90.20		$43.29
Total Fiscal Year 2016 Travel Direct Costs:			90.20		$43.29

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EPA Indirect Costs

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

COSTS 09/01/2015 - 09/03/2016 (PP24/FY15-PP25/FY16)

OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
EPS21101	48	10/30/2015	50.44	0.00	47.99%	24.21
	56	07/15/2016	72.29	0.00	47.99%	34.69
	57	08/01/2016	202.41	0.00	47.99%	97.14
			325.14	0.00		$156.04
EPW14020	14	10/29/2015	2,472.44	0.00	47.99%	1,186.52
	15	11/30/2015	7,576.05	0.00	47.99%	3,635.75
	16	01/12/2016	2,552.75	0.00	47.99%	1,225.06
	17	02/01/2016	7,352.75	0.00	47.99%	3,528.58
	18	03/21/2016	2,108.77	0.00	47.99%	1,012.00
	19	03/29/2016	7,943.53	0.00	47.99%	3,812.10
	20	04/29/2016	2,146.10	0.00	47.99%	1,029.91
	21	06/03/2016	7,882.33	0.00	47.99%	3,782.73
	22	06/30/2016	3,194.56	0.00	47.99%	1,533.07
	23	07/29/2016	7,862.88	0.00	47.99%	3,773.40
	24	08/29/2016	2,354.81	0.00	47.99%	1,130.07
			53,446.97	0.00		$25,649.19
Total Fiscal Year 2016 Other Direct Costs:			53,772.11	0.00		$25,805.23
Total Fiscal Year 2016:			71,009.64			$34,077.51
Total EPA Indirect Costs						$39,522.08

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

OU02 - REMOVAL COSTS 09/01/2015 - 09/03/2016 (PP24/FY15-PP25/FY16)

NARRATIVE COST SUMMARY ..... Section 1

ITEMIZED COST SUMMARY ..... Section 2

REGIONAL PAYROLL COSTS ..... Section 3

EPA INDIRECT COSTS SUMMARY ..... Section 4

EPA INDIRECT COSTS ..... Section 5

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Narrative Cost Summary

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

OU02 - REMOVAL COSTS 09/01/2015 - 09/03/2016 (PP24/FY15-PP25/FY16)

1. The United States Environmental Protection Agency has incurred at least $4,901.42 for Regional Payroll Costs.

2. The United States Environmental Protection Agency has incurred at least $2,352.17 for Indirect Costs.

Total Site Costs:	$7,253.59

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Itemized Cost Summary

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

OU02 - REMOVAL COSTS 09/01/2015 - 09/03/2016 (PP24/FY15-PP25/FY16)

REGIONAL PAYROLL COSTS	$4,901.42
EPA INDIRECT COSTS	$2,352.17
Total Site Costs:	$7,253.59

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Regional Payroll Costs

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

OU02 - REMOVAL COSTS 09/01/2015 - 09/03/2016 (PP24/FY15-PP25/FY16)

Employee Name	Fiscal Year	Pay Period	Payroll Hours	Payroll Costs
BASSO, RAYMOND	2016	02	1.00	81.86
			1.00	$81.86
BUTLER, ELIZABETH	2015	24	1.00	79.10
		25	1.00	79.10
		26	9.00	705.03
	2016	02	1.00	79.39
		03	1.50	119.10
		04	0.50	39.31
		05	2.50	198.48
		07	2.50	198.34
		09	2.50	199.70
		11	1.00	80.77
		12	3.50	282.71
		13	4.50	359.89
		14	1.00	80.77
		15	6.00	484.64
		16	3.00	240.49
		17	4.50	363.47
		20	0.50	40.39
		23	7.00	565.41
		24	1.00	80.77
		25	0.50	40.39
			54.00	$4,317.25
FLANAGAN, SARAH	2016	13	1.00	94.75
			1.00	$94.75
MUGDAN, WALTER	2016	18	1.00	101.89
		23	3.00	305.67
			4.00	$407.56
Total Regional Payroll Costs			60.00	$4,901.42

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EPA Indirect Costs

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

OU02 - REMOVAL COSTS 09/01/2015 - 09/03/2016 (PP24/FY15-PP25/FY16)

Fiscal Year	Direct Costs	Indirect Rate(%)	Indirect Costs
2015	863.23	47.99%	414.26
2016	4,038.19	47.99%	1,937.91
	4,901.42		
Total EPA Indirect Costs			$2,352.17

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EPA Indirect Costs

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

OU02 - REMOVAL COSTS 09/01/2015 - 09/03/2016 (PP24/FY15-PP25/FY16)

PAYROLL DIRECT COSTS

Employee Name	Fiscal Year	Pay Period	Payroll Costs	Ind. Rate (%)	Indirect Costs
BUTLER, ELIZABETH	2015	24	79.10	47.99%	37.96
		25	79.10	47.99%	37.96
		26	705.03	47.99%	338.34
			863.23		$414.26
Total Fiscal Year 2015 Payroll Direct Costs:			863.23		$414.26
Total Fiscal Year 2015:			863.23		$414.26

PAYROLL DIRECT COSTS

Employee Name	Fiscal Year	Pay Period	Payroll Costs	Ind. Rate (%)	Indirect Costs
BASSO, RAYMOND	2016	02	81.86	47.99%	39.28
			81.86		$39.28
BUTLER, ELIZABETH	2016	02	79.39	47.99%	38.10
		03	119.10	47.99%	57.16
		04	39.31	47.99%	18.86
		05	198.48	47.99%	95.25
		07	198.34	47.99%	95.18
		09	199.70	47.99%	95.84
		11	80.77	47.99%	38.76
		12	282.71	47.99%	135.67
		13	359.89	47.99%	172.71
		14	80.77	47.99%	38.76
		15	80.77	47.99%	38.76
			403.87	47.99%	193.82
		16	240.49	47.99%	115.41
		17	121.15	47.99%	58.14
			242.32	47.99%	116.29

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EPA Indirect Costs

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

OU02 - REMOVAL COSTS 09/01/2015 - 09/03/2016 (PP24/FY15-PP25/FY16)

PAYROLL DIRECT COSTS

Employee Name	Fiscal Year	Pay Period	Payroll Costs	Ind. Rate (%)	Indirect Costs
BUTLER, ELIZABETH	2016	20	40.39	47.99%	19.38
		23	565.41	47.99%	271.34
		24	80.77	47.99%	38.76
		25	40.39	47.99%	19.38
			3,454.02		$1,657.57
FLANAGAN, SARAH	2016	13	94.75	47.99%	45.47
			94.75		$45.47
MUGDAN, WALTER	2016	18	101.89	47.99%	48.90
		23	305.67	47.99%	146.69
			407.56		$195.59
Total Fiscal Year 2016 Payroll Direct Costs:			4,038.19		$1,937.91
Total Fiscal Year 2016:			4,038.19		$1,937.91
Total EPA Indirect Costs					$2,352.17