

**U.S. Chemical Safety and Hazard Investigation Board  
Direct Costs of Investigations and Studies  
From Initiation to 5-31-2015**

Incident/Study Name	Incident Date	Compensation	Travel	Consultants/		Other Costs	Totals	Report Issue Date (or Est.)	Elapsed Days
				Testing					
Macondo/Deepwater Horizon Vol I & II	4/20/2010	2,705,523	345,702	1,299,886		153,240	4,504,351	6/5/2014	1,507
BP Texas City 2	3/23/2005	1,461,328	210,787	787,885		82,826	2,542,826	3/20/2007	727
<i>West Fertilizer, TX</i>	<i>4/17/2013</i>	<i>719,809</i>	<i>151,841</i>	<i>692,414</i>		<i>19,675</i>	<i>1,583,739</i>	<i>TBD *</i>	<i>774</i>
Tesoro - Anacortes, WA	4/2/2010	802,879	84,325	171,338		15,393	1,073,935	5/1/2014	1,490
<i>Caribbean Refining Corp, PR</i>	<i>10/23/2009</i>	<i>577,046</i>	<i>110,182</i>	<i>111,770</i>		<i>39,047</i>	<i>838,045</i>	<i>6/10/2015 *</i>	<i>2,056</i>
Chevron Richmond, Interim Report	8/6/2012	553,534	127,081	60,890		13,513	755,018	4/19/2013	256
Formosa	4/23/2004	527,082	42,804	165,887		11,447	747,220	3/6/2007	1,047
<i>Freedom Industries, WV</i>	<i>1/9/2014</i>	<i>246,926</i>	<i>60,270</i>	<i>389,294</i>		<i>2,764</i>	<i>699,254</i>	<i>TBD *</i>	<i>507</i>
CTA Acoustics	2/20/2003	507,792	50,750	118,389		16,111	693,042	2/15/2005	726
Bayer CropScience, WV	8/28/2008	548,397	74,838	41,631		16,574	681,439	1/20/2011	875
T2 Labs Jacksonville, FL	12/19/2007	364,782	60,144	225,429		7,227	657,582	9/15/2009	636
Chevron Richmond, Regulatory & Final Reports	8/6/2012	378,246	49,966	186,389		23,011	637,612	1/28/2015	905
Xcel Energy, CO	10/2/2007	559,239	28,178	19,508		29,172	636,097	8/25/2010	1,058
West Pharmaceutical	1/29/2003	412,806	34,478	128,772		25,099	601,155	9/23/2004	603
US Ink, NJ	10/9/2012	392,948	44,983	105,684		7,213	550,829	1/15/2015	828
<i>Williams Olefins, LA and WY</i>	<i>6/13/2013</i>	<i>217,669</i>	<i>49,894</i>	<i>273,935</i>		<i>5,512</i>	<i>547,010</i>	<i>TBD *</i>	<i>717</i>
Imperial Sugar, GA	2/7/2008	425,143	97,488	18,450		5,402	546,483	9/24/2009	595
Donaldson Enterprises, HI	4/8/2011	284,460	61,297	177,292		12,563	535,613	1/17/2013	650
<i>Macondo/Deepwater Horizon Vol III &amp; IV</i>	<i>4/20/2010</i>	<i>479,814</i>	<i>3,253</i>	<i>43,939</i>		<i>8,433</i>	<i>535,439</i>	<i>FY 2015 *</i>	<i>1,867</i>
Valero - Sunray, TX	2/16/2007	406,837	46,715	66,710		8,720	528,982	7/9/2008	509
CAI Inc./Arnel Danvers	11/22/2006	352,078	40,596	93,738		6,049	492,461	5/13/2008	538
<i>DuPont, TX</i>	<i>11/15/2014</i>	<i>262,750</i>	<i>109,282</i>	<i>40,000</i>		<i>13,437</i>	<i>425,470</i>	<i>TBD *</i>	<i>197</i>
Ghent, WV	1/30/2007	319,403	42,740	30,605		14,434	407,182	9/25/2008	604
Kleen Energy, CT	2/7/2010	249,195	81,335	20,063		44,786	395,379	6/28/2010	141
Honeywell	7/20/2003	343,861	31,655	6,462		8,916	390,893	8/10/2005	752
ConAgra, NC	6/9/2009	195,553	59,554	86,531		23,533	365,171	6/28/2010	384
DuPont Belle, WV	1/23/2010	309,519	43,409	613		3,007	356,548	9/20/2011	605
<i>ExxonMobil, CA</i>	<i>2/18/2015</i>	<i>125,568</i>	<i>75,786</i>	<i>151,724</i>		<i>3,231</i>	<i>356,309</i>	<i>TBD *</i>	<i>102</i>
Hoeganaes, Gallatin, TN	1/31/2011	219,707	53,825	49,204		12,174	334,910	1/5/2012	339
MFG Chemical	4/12/2004	246,223	17,674	43,290		8,246	315,433	4/11/2006	729
Silver Eagle	11/4/2009	165,341	37,286	99,471		1,308	303,406	NA	NA
First Chemical	10/13/2002	187,515	16,536	53,441		4,406	261,898	10/15/2003	367
Technic Inc	2/7/2003	188,114	9,526	46,068		6,335	250,043	8/20/2004	560
Giant Industries Refinery	4/8/2004	201,291	15,827	18,455		8,531	244,103	10/26/2005	566
Hayes Lemmerz	10/29/2003	197,224	12,437	22,300		3,694	235,655	9/27/2005	699
Synthron	1/31/2006	185,930	25,931	12,756		5,317	229,935	7/31/2007	546
DPC Glendale	11/17/2003	209,435	16,183	2,125		895	228,638	2/28/2007	1,199
BP Texas 2008	1/14/2008	187,360	27,762	4,167		1,194	220,484	NA	NA
B L S R	1/13/2003	189,234	11,633	11,186		2,109	214,163	9/17/2003	247

**U.S. Chemical Safety and Hazard Investigation Board  
Direct Costs of Investigations and Studies  
From Initiation to 5-31-2015**

Incident/Study Name	Incident Date	Compensation	Travel	Consultants/		Other Costs	Totals	Report Issue Date (or Est.)	Elapsed Days
				Testing					
Barton Solvents I, Kansas	7/17/2007	180,952	16,021	11,439		1,117	209,529	6/26/2008	345
AL Solutions, WV	12/9/2010	142,153	28,672	31,983		4,472	207,280	7/16/2014	1,315
Citgo, TX	7/19/2009	179,384	21,040	-		3,124	203,549	NA	NA
Environmental Quality Co.	10/6/2006	179,235	15,271	-		1,298	195,804	4/16/2008	558
Bethune	1/11/2006	169,838	17,215	-		6,549	193,602	3/13/2007	426
Horsehead Refinery, PA	7/22/2010	157,146	8,999	23,592		439	190,175	NA	NA
Marcus Oil & Chemical	12/3/2004	111,662	16,423	50,756		8,409	187,250	6/6/2006	550
Partridge-Raleigh	6/5/2006	167,944	11,779	-		936	180,659	6/12/2007	372
Carbide Industries, KY	3/21/2011	126,240	19,226	24,500		5,003	174,968	2/7/2013	689
NDK, Belvidere, IL	12/7/2009	130,643	14,159	15,000		6,371	166,172	11/14/2013	1,438
Acetylene Service Company	1/25/2005	105,668	17,153	24,250		11,803	158,875	1/26/2006	366
DD Williamson	4/11/2003	126,940	18,546	-		5,141	150,626	3/12/2004	336
Citgo, TX - Urgent Recs	7/19/2009	109,235	29,511	-		816	139,562	11/23/2009	127
Millard Refrigeration, AL	8/23/2010	99,641	13,993	24,061		1,554	139,250	1/15/2015	1,606
Veolia Env., OH	5/4/2009	125,166	13,112	-		-	138,279	7/21/2010	443
Sterigenics	8/19/2004	132,551	2,760	-		583	135,893	3/30/2006	588
Packaging Corp, WI	7/29/2008	86,846	14,264	31,254		459	132,823	3/4/2010	583
<i>Tesoro - Martinez, CA</i>	<i>2/12/2014</i>	<i>95,314</i>	<i>17,060</i>	<i>9,202</i>		<i>2,266</i>	<i>123,842</i>	<i>TBD *</i>	<i>473</i>
Formosa 2	10/6/2005	105,339	15,120	-		1,497	121,955	7/20/2006	287
Valero	11/5/2005	110,784	5,993	-		818	117,596	11/2/2006	362
Universal Form Clamp	6/14/2006	101,769	8,516	-		1,136	111,421	4/10/2007	300
DuPont Tonawanda, NY	11/9/2010	83,580	17,938	-		8,970	110,488	4/19/2012	527
Indspec Chem, PA	10/11/2008	90,101	4,225	-		118	94,444	9/30/2009	354
Allied Terminals, VA	11/12/2008	82,023	11,723	-		263	94,008	5/27/2009	196
Barton Solvents II, Iowa	10/29/2007	71,136	4,430	16,523		735	92,823	9/18/2008	325
Isotec	9/21/2003	75,648	11,133	-		1,595	88,375	8/24/2004	338
Goodyear Rubber, Houston	6/11/2008	64,590	8,025	3,500		-	76,116	1/27/2011	960
Texas Tech - Lab Safety	1/7/2010	59,277	8,303	-		4,149	71,729	9/30/2011	631
Honeywell 2005	8/11/2005	52,456	955	15,000		406	68,818	6/14/2007	672
Southwest Industrial Gases	7/25/2007	51,504	13,401	-		-	64,905	NTSB	NA
Catalyst Systems	1/2/2003	52,349	3,827	3,400		1,831	61,408	10/29/2003	300
Praxair	6/24/2005	43,609	3,752	1,758		2,702	51,821	6/15/2006	356
Delek Refinery, TX	11/20/2008	32,692	8,160	1,215		-	42,066	NA	NA
3V, Inc.	11/4/2006	30,573	1,019	-		-	31,592	NA	NA
E E I	12/11/2002	20,652	2,666	-		2,622	25,939	9/17/2003	280
ConAgra Foods, OR	2/16/2009	16,211	1,644	5,551		-	23,406	3/4/2010	381
ExxonMobil, IL	8/7/2009	19,092	3,966	-		-	23,057	NA	NA
Tyson Food KS	11/2/2006	16,782	6,090	-		-	22,872	NA	NA
Tesoro, UT	10/21/2009	18,862	3,459	-		27	22,348	NA	NA

**U.S. Chemical Safety and Hazard Investigation Board  
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From Initiation to 5-31-2015**

<b>Incident/Study Name</b>	<b>Incident Date</b>	<b>Compensation</b>	<b>Travel</b>	<b>Consultants/ Testing</b>	<b>Other Costs</b>	<b>Totals</b>	<b>Report Issue Date (or Est.)</b>	<b>Elapsed Days</b>
US Steel, Pittsburgh, PA	7/14/2010	18,942	3,236	-	-	22,178	NA	NA
Mar Oil, OH	10/19/2008	17,861	2,321	-	-	20,182	3/4/2010	501
Huntsman Olefins	5/31/2006	14,458	5,152	-	60	19,670	NA	NA
El Dorado, TX	7/30/2009	13,871	2,369	-	97	16,336	NA	NA
Valero-Norco	5/21/2006	7,792	5,800	-	-	13,593	NA	NA
Teppco, AR	5/12/2009	8,683	2,988	-	-	11,671	3/4/2010	296
AV Thomas Produce, CA	4/2/2009	8,121	2,687	-	-	10,809	3/4/2010	336
United Waste Water, OH	6/22/2008	7,696	1,787	-	-	9,483	7/31/2008	39
Dupont II Belle, WV	12/3/2010	7,357	2,106	-	-	9,463	9/20/2011	291
Marathon Petroleum, LA	3/10/2009	6,943	1,877	-	-	8,820	3/4/2010	359
Tanner, Swansea, SC	7/15/2009	6,120	2,544	-	-	8,664	NA	NA
EMC Oil, FL	12/4/2008	3,649	1,844	-	-	5,494	3/4/2010	455
Sunoco, PA	3/11/2009	4,024	1,079	-	-	5,104	NA	NA
Midwest Generation	9/13/2006	-	2,443	-	-	2,443	NA	NA
<b>Totals</b>		<b>20,658,662</b>	<b>2,941,740</b>	<b>6,170,674</b>	<b>761,909</b>	<b>30,532,985</b>		

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<b>Incident/Study Name</b>	<b>Incident Date</b>	<b>Compensation</b>	<b>Travel</b>	<b>Consultants/ Testing</b>	<b>Other Costs</b>	<b>Totals</b>	<b>Report Issue Date (or Est.)</b>	<b>Elapsed Days</b>
NAS	1/30/2010	13,071	-	544,999	-	558,070	7/31/2012	913
Dust		300,648	2,663	5,086	18,351	326,748	11/9/2006	
<i>Hot Work Study</i>		<i>102,077</i>	<i>14,396</i>	<i>8,551</i>	<i>215</i>	<i>125,239</i>	<i>TBD *</i>	
Oil and Gas Safety	10/31/2009	81,245	30,228	5,867	2,619	119,959	9/30/2011	699
NaHS		97,253	-	-	4,360	101,613	7/1/2004	
Nitrogen		17,148	-	27,450	1,000	45,598	6/25/2003	
Lab Safety	09/03/14	21,652	6,037	-	3,776	31,465	10/30/2014	57
Process Safety Study		27,045	-	-	-	27,045	NA	
<b>Totals</b>		<b>660,140</b>	<b>53,324</b>	<b>591,953</b>	<b>30,321</b>	<b>1,335,738</b>		

**Notes:**

**Compensation** excludes Board Members. Due to accounting system changes on July 1, 2012, compensation for Aug-Sep 12 were estimated based on Track-It/WebTA hours and NBC payroll files for hourly rates during these months.

**Travel** includes all travel related to the incident, including public meetings.

**Consultants** excludes Public Affairs contracts.

**Other Costs** includes field rentals, printing, court reporters, supplies, etc.

\* *If est. report issue date is unknown, elapsed days are through: 5/31/2015*

**OFFICE OF INVESTIGATIONS  
DIRECT COSTS OF ACTIVE INCIDENTS/STUDIES**

**MAY 2015**

Incident Name	Cost Category <sup>(1)</sup>	Current Month Cost	Incident to Date Cost	Total Staff Hours & # of Trips (up to date)
AL Solutions, WV	Compensation	\$ -	\$ 136,751	2,510
	Travel	-	25,010	19
	Consultants/Testing	-	31,983	
	Other Cost	-	1,457	
	<b>Total</b>	<b>\$ -</b>	<b>\$ 195,201</b>	
Caribbean Refining Corp, PR	Compensation	\$ 6,456	\$ 539,894	9,333
	Travel	-	97,737	38
	Consultants/Testing	-	111,770	
	Other Cost	-	33,645	
	<b>Total</b>	<b>\$ 6,456</b>	<b>\$ 783,047</b>	
Citgo, TX	Compensation	-	\$ 268,514	4,573
	Travel	-	46,049	23
	Consultants/Testing	-	-	
	Other Cost	-	816	
	<b>Total</b>	<b>\$ -</b>	<b>\$ 315,379</b>	
Chevron, CA	Compensation	\$ -	\$ 885,455	13,507
	Travel	-	129,071	64
	Consultants/Testing	-	247,279	
	Other Cost	-	33,940	
	<b>Total</b>	<b>\$ -</b>	<b>\$ 1,295,745</b>	
Deepwater/Transocean	Compensation	\$ 37,805	\$ 2,538,710	40,491
	Travel	-	304,078	186
	Consultants/Testing	(183)	1,343,825	
	Other Cost	-	117,746	
	<b>Total</b>	<b>\$ 37,622</b>	<b>\$ 4,304,359</b>	
DuPont, TX	Compensation	\$ 20,127	\$ 256,785	4,166
	Travel	10,468	102,499	53
	Consultants/Testing	-	40,000	
	Other Cost	325	11,825	
	<b>Total</b>	<b>\$ 30,920</b>	<b>\$ 411,109</b>	
ExxonMobil, CA	Compensation	\$ 27,061	\$ 124,607	2,871
	Travel	14,192	70,767	38
	Consultants/Testing	-	151,724	
	Other Cost	457	3,231	
	<b>Total</b>	<b>\$ 41,710</b>	<b>\$ 350,330</b>	
Freedom Industries, WV	Compensation	\$ 24,157	\$ 233,276	3,409
	Travel	-	44,765	27
	Consultants/Testing	-	389,294	
	Other Cost	-	2,140	
	<b>Total</b>	<b>\$ 24,157</b>	<b>\$ 669,475</b>	
Hoeganaes, TN	Compensation	\$ (174)	\$ 185,624	3,032
	Travel	-	29,936	29
	Consultants/Testing	-	49,204	
	Other Cost	-	159	
	<b>Total</b>	<b>\$ (174)</b>	<b>\$ 264,924</b>	
Horsehead Refinery, PA	Compensation	\$ -	\$ 150,680	2,360
	Travel	-	8,999	11
	Consultants/Testing	-	23,592	
	Other Cost	-	295	
	<b>Total</b>	<b>\$ -</b>	<b>\$ 183,565</b>	

**OFFICE OF INVESTIGATIONS  
DIRECT COSTS OF ACTIVE INCIDENTS/STUDIES**

**MAY 2015**

Incident Name	Cost Category <sup>(1)</sup>	Current Month Cost	Incident to Date Cost	Total Staff Hours & # of Trips (up to date)
Millard Refrigeration, AL	Compensation	\$ -	\$ 98,078	1,679
	Travel	-	11,673	8
	Consultants/Testing	-	24,061	
	Other Cost	-	546	
	<b>Total</b>	<b>\$ -</b>	<b>\$ 134,358</b>	
NDK, Belvidere, IL	Compensation	\$ -	\$ 123,725	1,955
	Travel	-	8,991	12
	Consultants/Testing	-	15,000	
	Other Cost	-	3,061	
	<b>Total</b>	<b>\$ -</b>	<b>\$ 150,777</b>	
Packaging Corp., WI	Compensation	\$ -	\$ 80,989	1,176
	Travel	-	11,891	6
	Consultants/Testing	-	31,254	
	Other Cost	-	-	
	<b>Total</b>	<b>\$ -</b>	<b>\$ 124,134</b>	
Silver Eagle	Compensation	\$ -	\$ 151,009	2,354
	Travel	-	32,142	29
	Consultants/Testing	1,000	99,471	
	Other Cost	-	484	
	<b>Total</b>	<b>\$ 1,000</b>	<b>\$ 283,106</b>	
Tesoro, UT	Compensation	\$ -	\$ 18,094	280
	Travel	-	2,426	3
	Consultants/Testing	-	-	
	Other Cost	-	-	
	<b>Total</b>	<b>\$ -</b>	<b>\$ 20,520</b>	
Tesoro - Anacortes, WA	Compensation	-	\$ 763,717	11,662
	Travel	-	61,185	47
	Consultants/Testing	-	171,338	
	Other Cost	-	9,292	
	<b>Total</b>	<b>-</b>	<b>\$ 1,005,532</b>	
Tesoro - Martinez, CA	Compensation	\$ (478)	\$ 93,942	1,354
	Travel	-	17,538	9
	Consultants/Testing	-	9,202	
	Other Cost	-	985	
	<b>Total</b>	<b>\$ (478)</b>	<b>\$ 121,668</b>	
US Ink, NJ	Compensation	\$ 1,917	\$ 385,522	5,760
	Travel	-	36,858	30
	Consultants/Testing	-	105,684	
	Other Cost	-	5,245	
	<b>Total</b>	<b>\$ 1,917</b>	<b>\$ 533,309</b>	
West Fertilizer, TX	Compensation	\$ 24,333	\$ 680,437	11,610
	Travel	-	86,564	53
	Consultants/Testing	-	692,414	
	Other Cost	278	8,343	
	<b>Total</b>	<b>\$ 24,611</b>	<b>\$ 1,467,758</b>	
Williams Olefins, LA and WY	Compensation	\$ 11,913	\$ 209,022	3,912
	Travel	-	44,340	28
	Consultants/Testing	-	273,935	
	Other Cost	-	5,375	
	<b>Total</b>	<b>\$ 11,913</b>	<b>\$ 532,672</b>	

**OFFICE OF INVESTIGATIONS  
DIRECT COSTS OF ACTIVE INCIDENTS/STUDIES**

**MAY 2015**

Incident Name	Cost Category <sup>(1)</sup>	Current Month Cost	Incident to Date Cost	Total Staff Hours & # of Trips (up to date)
	<b>Total</b>	<b>\$ 11,913</b>	<b>\$ 532,672</b>	
Hotwork Study	Compensation	\$ -	\$ 99,164	1,392
	Travel	-	11,456	11
	Consultants/Testing	-	8,551	
	Other Cost	-	146	
	<b>Total</b>	<b>\$ -</b>	<b>\$ 119,317</b>	
Lab Safety	Compensation	\$ -	\$ 21,652	414
	Travel	-	2,672	3
	Consultants/Testing	-	-	
	Other Cost	(510)	2,876	
	<b>Total</b>	<b>\$ (510)</b>	<b>\$ 27,200</b>	

**Notes:**

1. Compensation excludes Board Members; Travel includes all travel related to the incident; Consultants/Testing excludes Public Affairs contracts; Other Cost includes field rentals, printing, court reporters, supplies, etc.
2. Hotwork Study is now reported under Investigative Cost Report as the Incident Screening Team's members are considered investigators. Costs are reported starting December 2011 (FY 12).
3. Caribbean's investigative costs are increased significantly due to adding Incident Screening team's costs to compensation and travel.
4. Due to BPD's change in financial system starting July 1, 2012, compensations for Aug-Sep 12 were estimated based on Track-It/WebTA hours and NBC payroll files for hourly rates during these months.

**OFFICE OF INVESTIGATIONS  
CONSULTANTS / TESTING FOR ACTIVE INCIDENTS/STUDIES**

**MAY 2015**

<b>Incident</b>	<b>Vendor</b>	<b>Contract/Requisition #</b>	<b>End Date</b>	<b>Funds Obligated / Committed</b>	<b>Funds Paid Out</b>
<b>Various Investigations</b>	Det Norske Veritas (PHAST Software)	CSB-12-0016	6/24/2013	24,816	24,816
	Gulf Publishing Company (Instrucalc)	Credit Card Payment	9/12/2013	1,960	1,960
	Aspen Technology Inc.	CSB-13-0003	11/18/2013	36,000	36,000
	Det Norske Veritas (PHAST Option Year 1)	CSB-12-0016/MOD 1	6/24/2014	4,963	4,963
	Aspen Technology Inc. (Option Year 1)	CSB-14-0008	11/25/2014	37,080	37,080
	Blue Tech (FileMaker Pro)	CSB-15-0007	11/28/2014	3,670	3,670
	Det Norske Veritas (PHAST Option Year 2)	CSB-12-0016/MOD 2	6/24/2015	4,963	4,963
	Aspen Technology Inc. (Option Year 2)	CSB-15-0009	11/25/2015	38,193	38,193
	<b>Total</b>			<b>151,645</b>	<b>151,645</b>
<b>AL Solutions</b>	FireExplo	TPD-CSB-11-00002/MOD 2	3/31/2013	30,450	30,450
	TestAmerica Laboratories, Inc.	Credit Card Accrual	2/28/2011	1,022	-
	Paul Amyotte (technical reviewer)	Credit Card Payment	7/14/2014	511	511
	<b>Total</b>			<b>31,983</b>	<b>30,961</b>
<b>BP Texas 2008</b>	Anderson & Associates	Credit Card Payment	10/1/2008	2,370	2,370
	Cardiff University	Credit Card Payment	8/19/2008	1,798	1,798
	<b>Total</b>			<b>4,167</b>	<b>4,167</b>
<b>Caribbean Refinery</b>	Seung Sup Kim	Credit Card Payment	4/11/2012	3,061	3,061
	Acosta Engineering	TPD-CSB-10-00013	12/26/2010	60,000	60,000
	Steel Construction Institute (U.K.)	Credit Card Payment	4/26/2010	3,061	3,061
	Pemy Consulting	CSB-12-0029/MOD 2	9/26/2013	19,031	19,031
	Jerry Havens (technical reviewer)	Credit Card Accrual - DROPPED	9/30/2013	-	-
	Pemy Consulting	CSB-14-0023	3/9/2015	20,000	-
	SIS Tech (technical reviewer)	Credit Card Payment	4/9/2015	3,000	3,000
	Menolly Hart (technical reviewer)	Credit Card Payment	11/6/2014	2,041	2,041
	Glenn Corbett (technical reviewer)	Credit Card Payment	4/2/2015	1,276	1,276
		Credit Card Payment (reversed because of not			
	Nick Miliaras (technical editor, not expert reviewer)	being a technical reviewer)	12/16/2014	-	-
SIS Tech (technical reviewer)	Credit Card Payment	4/20/2015	300	300	
<b>Total</b>			<b>111,770</b>	<b>91,770</b>	
<b>Chevron, CA</b>	Anamet Inc.	CSB-12-C-0002/MOD 1	9/26/2013	138,451	138,451
	Atlas Engineering Inc.	CSB-12-0022/ORIG/MOD 1/ MOD 2	11/30/2012	37,565	37,565
	I.H.I. Environmental	CSB-12-0023	10/31/2012	4,500	4,500
	Hanna Consultants	Credit Card Payment	9/21/2012	3,061	3,061
	Americoach System	Credit Card Payment	9/25/2012	1,684	1,684
	Anamet Inc.	Credit Card Payment	9/24/2012	3,000	3,000
	I.H.I. Environmental	Credit Card Payment	9/17/2012	3,000	3,000
	RealStar Trucking	Credit Card Payment	9/10/2012	421	421
	RealStar Trucking	Credit Card Payment	9/26/2012	418	418
	Hanna Consultants	CSB-13-0006/MOD 2	11/11/2013	39,264	39,264
	Texas Oil Tech Laboratories	Credit Card Payment	11/15/2012	2,400	2,400
	3D Scan Services	Credit Card Payment	11/27/2012	2,800	2,800
	Road Star Trucking	Credit Card Payment	1/14/2013	1,531	1,531
	Paul Amyotte's Report Review (Technical Expert)	Credit Card Payment	3/28/2013	511	511
	Nicholas Ashford (Report Review)	Credit Card Payment	12/19/2013	2,551	2,551
	Najim Meshkati (technical expert review)	Credit Card Payment	10/7/2014	3,061	3,061
	Andrew Dingee (technical expert review)	Credit Card Payment	8/20/2014	2,041	2,041
	Glenn Corbett (technical expert review)	Credit Card Payment	11/19/2014	1,021	1,021
	<b>Total</b>			<b>247,279</b>	<b>247,279</b>
<b>Deepwater/Transocean</b>	Engineering Services	Credit Card Payment	10/6/2011	598	598
	Engineering Services	TPD-CSB-10-C-0002/0008	3/31/2012	638,000	636,735
	Engineering Services	TPD-CSB-10-C-0002/0009	9/30/2012	99,580	69,269
	Engineering Services	TPD-CSB-10-C-0002/0011 and 0012	9/30/2012	(28,376)	(28,376)
	Andrew Hopkins	TPD-CSB-11-C-0001/0005	9/30/2011	154,120	154,120
	Ian Whewell	TPD-CSB-11-00006/0006 & 0009	3/31/2013	52,729	52,729
	Ian Whewell	Credit Card Payment	7/5/2011	414	414
	Ian Whewell	Credit Card Payment	3/27/2012	333	333
	Ian Whewell	Credit Card Payment	5/31/2012	1,251	1,251
	Peter Wilkinson	Credit Card Payment	3/18/2011	843	843
	Peter Wilkinson	TPD-CSB-11-00007/0006	3/31/2013	70,285	70,285
	SIS - Tech Solutions	TPD-CSB-11-00015	3/26/2013	4,512	4,512
	Rand Corp.	CSB-12-0015/MOD's 1,2, and 3	8/31/2012	30,065	30,065
	Jose Carlos Cunka	Credit Card Payment	6/1/2012	3,061	3,061
	Ron Rorrer	Credit Card Payment	9/10/2012	3,061	3,061
	Ian Whewell	TPD-CSB-11-00006/0008 & 0010	3/31/2013	13,000	13,000
	Engineering Services	CSB-12-C-0003/MOD 1	9/5/2014	100,000	96,419

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	Engineering Services	CSB-12-C-0003/MOD's 2 & 3	9/5/2014	40,000	39,564
	Engineering Services	CSB-12-C-0003/MOD 4	9/5/2014	40,000	29,430
	Engineering Services	CSB-12-C-0003/MOD 5 (extend POP to 9-5-2014)	9/5/2014	-	-
	Engineering Services	CSB-12-C-0003/MOD 6 & 7 (Extend POP to 10-1-2015)	10/1/2015	16,150	-
	Plus Plus Software	Credit Card Payment	1/14/2013	1,228	1,228
	Ian Whewell	CSB-13-0027/MODS 1, 2, and 3 (Extend POP to 9-30-2015)	9/30/2015	18,000	2,100
	Peter Wilkinson	CSB-13-0030/MODS 1, 2, and 3 (Extend POP to 9-30-2015)	9/30/2015	18,000	9,821
	Clegg, John	CSB-13-0033/MODS 1, 2, and 3 (Extend POP to 9-30-2015)	9/30/2015	24,000	18,400
	Andrew Hopkins (white paper)	Credit Card Payment	3/13/2014	3,061	3,061
	Bill Eustes (report review)	Credit Card Payment	6/26/2014	3,061	3,061
	Angela Summers/SIS Tech Solutions (report review)	Credit Card Payment	6/2/2014	3,000	3,000
	Richard Sears (report review)	Credit Card Payment	7/9/2014	3,061	3,061
	DNV (report review)	Credit Card Payment	6/16/2014	3,000	3,000
	O'Neil & Associates	CSB-14-0045/MOD's 1 & 2	1/31/2015	6,545	6,545
	Najim Meskati	Credit Card Accrual	TBD	3,061	-
	Andrew Hopkins	Credit Card Accrual	TBD	3,061	-
	Robin Pitblado	Credit Card Accrual	TBD	3,061	-
	Sanford Lewis	Credit Card Payment	4/9/2015	3,061	-
	John Thorogood	Credit Card Accrual	TBD	3,061	-
	John Wilkinson	Credit Card Accrual	TBD	3,061	-
	Steve Walker	Credit Card Accrual	TBD	3,061	-
	<b>Total</b>			<b>1,344,008</b>	<b>1,230,589</b>
<b>Donaldson Enterprises Inc.</b>	Exponent Inc.	TPD-CSB-11-K-00008/0003	12/31/2012	92,840	92,840
	New Mexico Institute of Mining & Tech	TPD-CSB-11-00009/MOD 4	10/15/2011	-	-
	New Mexico Institute of Mining & Tech	Credit Card Accrual - Reverse & Close Out	11/9/2012	-	-
	Applied Research Associates	TPD-CSB-12-00002/MOD 2	12/31/2013	84,452	84,432
	<b>Total</b>			<b>177,292</b>	<b>177,272</b>
<b>DuPont, TX</b>	Terracon Consultants	CSB-15-0011/MOD 1	12/5/2014	20,000	20,000
	Terracon Consultants	CSB-15-0011/MOD 2	1/16/2015	5,000	5,000
	Terracon Consultants	CSB-15-0011/MOD 3	2/28/2015	10,000	9,526
	Terracon Consultants	CSB-15-0011/MOD 4	5/31/2015	5,000	-
	<b>Total</b>			<b>40,000</b>	<b>34,526</b>
<b>ExxonMobil, CA</b>	Terracon Consultants	CSB-15-0020	4/3/2015	14,900	-
	Terracon Consultants	CSB-15-0020/MOD 1	4/24/2015	17,100	-
	Atlas Engineering	CSB-15-0021/MOD 1	9/30/2015	34,724	24,840
	Robert Zalosh	CSB-15-0019/MOD 1	9/30/2015	35,000	13,643
	Engineering Services	CSB-15-0024	3/31/2016	50,000	26,300
	<b>Total</b>			<b>151,724</b>	<b>64,783</b>
<b>Freedom Industries, WV</b>	Pemy Consulting	CSB-14-0013	2/14/2015	35,000	4,658
	TBD (for Metallurgical Consultant)	CSB-1125-14-0013 (canceled on 3-27-2014)	3/27/2014	-	-
	Tank Sand Blasting	Credit Card Accrual - DROPPED		-	-
	Gauge Point Calibration	CSB-14-0020/MODS 1 & 2	5/31/2014	82,540	82,540
	Mass Technology Corporation	CSB-14-0015/MODS 1 & 2	5/31/2014	49,106	49,106
	Powers Engineering and Inspection	CSB-14-0021/MODS 1 & 2	6/30/2014	29,200	29,200
	Sunbelt Rental	Credit Card Payment	4/24/2014	445	445
	All Crane and Equipment Rental	Credit Card Payment	4/30/2014	2,383	2,383
	FOH (Industrial Hygiene Support)	CSB-14-IA-0017/MOD 1	5/31/2014	22,185	22,185
	Anamet (Metallurgical Testing)	CSB-14-0014	1/31/2015	106,845	52,656
	Anamet (Metallurgical Testing)	CSB-14-0014/MOD 1 & 2	6/30/2015	10,000	-
	Program Support Center (Soil Sample Analysis)	CSB-14-IA-0019/MOD 1	10/31/2014	48,854	48,854
	UPS (transport samples to lab)	Credit Card Payment	7/7/2014	2,736	2,736
	<b>Total</b>			<b>389,294</b>	<b>294,763</b>
<b>Horsehead Refinery, PA</b>	Dr. William Carty - Alfred University	Credit Card Payment	7/31/2011	3,061	3,061
	Michael Pegg	Credit Card Payment	9/15/2014	1,470	1,470
	William Hunter	Credit Card Payment	11/7/2014	3,061	3,061
	Hunter William	CSB-15-0006	1/30/2015	16,000	15,200
	<b>Total</b>			<b>23,592</b>	<b>22,792</b>
<b>Millard Refrigeration</b>	Kent Anderson	CSB-12-0005/MOD 3, 4, and 5	12/31/2014	21,000	-
	Kent Anderson	Credit card accrual - CANCELED		-	-
	Dr. Reidl, Univ. of Wisconsin	Credit card accrual	TBD	3,061	-

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				/ Committed	Out
	<b>Total</b>			<b>24,061</b>	<b>-</b>
<b>NDK</b>	NIST	TPD-CSB-12-IA-00014	9/30/2012	15,000	15,000
	NIST	CSB-1125-13-0043 (requisition) - CANCELED		-	-
	<b>Total</b>			<b>15,000</b>	<b>15,000</b>
<b>Packaging Corp, WI</b>	Linda Robertson Assoc.	TPD-CSB-08-00022	9/4/2009	14,999	14,999
	Talo Analytic International Inc.	TPD-CSB-08-00023	9/17/2009	8,430	8,430
	Shradder Analytical & CNS Labs Inc.	TPD-CSB-09-00005	1/30/2009	7,825	7,825
	<b>Total</b>			<b>31,254</b>	<b>31,254</b>
<b>Silver Eagle</b>	Engineering West LLC	TPD-CSB-09-00006	2/8/2010	10,214	10,214
	Intertek U.S.A. Inc.	TPD-CSB-09-00007	3/11/2009	2,639	2,639
		Credit Card Accrual (canceled in Mar-14 due to fund expiration)		-	-
	Daniel Crowl	Credit Card Payment	3/31/2009	-	-
	Enviro Care Inc.	TPD-CSB-10-K-00005/MODS 4 & 6 (Deob and Close Out)	4/17/2009	1,369	1,369
	Exponent Inc.	TPD-CSB-10-K-00005/MODS 5 & 6 (Deob and Close Out)	10/10/2014	75,250	75,250
	Exponent Inc.	CSB-13-0008	10/10/2014	-	-
	Exponent Inc.	CSB-13-0008	12/20/2013	9,000	9,000
	Exponent Inc.	Credit Card Accrual (for HAZMAT shipping)	TBD	1,000	-
	<b>Total</b>			<b>99,471</b>	<b>98,471</b>
<b>Tesoro - Anacortes, WA</b>	NIST	TPD-CSB-11-IA-00019	10/8/2011	19,964	19,964
	ImmixTechnology Inc. (OSI PI Server)	TPD-CSB-12-K-00009	3/14/2013	49,529	49,529
	NIST	TPD-CSB-12-IA-00013	9/30/2012	72,000	72,000
	Process Innovations Inc.	CSB-12-0012/MOD 1	5/5/2013	4,933	4,933
	Birring NDE Center	CSB-12-0021	11/30/2012	4,272	4,272
	Metallurgical Consultant - Beta Labs	Credit Card Payment	7/20/2012	2,524	2,524
	ATC Group Services	TPDCSBPA100002	5/23/2012	1,276	1,276
	Halvorsen	Credit Card Payment	7/25/2012	348	348
	Halvorsen	Credit Card Payment	9/19/2012	348	348
	Persichetti John (Horizon Technologies)	CSB-13-0012/MOD2	12/31/2013	8,000	8,000
	Paul Amyotte (report review)	Credit Card Payment	1/18/2014	1,021	1,021
	William O' Donnell (report review)	Credit Card Payment	1/22/2014	1,021	1,021
	Carl Jaske (report review)	Credit Card Accrual - CANCELED		-	-
	Birring NDE (report review)	Credit Card Payment	1/9/2014	3,041	3,041
	Michael Silverstein (report review)	Credit Card Payment	1/28/2014	3,061	3,061
	<b>Total</b>			<b>171,338</b>	<b>171,338</b>
<b>Tesoro - Martinez, CA</b>	Anamet	CSB-14-0022/MOD 1	9/5/2014	9,202	9,202
	<b>Total</b>			<b>9,202</b>	<b>9,202</b>
<b>US Ink, NJ</b>	Chilworth Technology	CSB-13-0002	10/18/2013	10,000	10,000
	Chilworth Technology	CSB-13-0002/MOD 1	10/18/2013	4,847	4,847
	Chilworth Technology	CSB-13-0014/MOD 2	9/30/2013	36,770	36,770
	Chilworth Technology	CSB-13-0031	9/30/2013	9,050	9,050
	Chilworth Technology	CSB-13-0031/MOD 1	9/30/2013	2,903	2,903
	Robert Zalosh	CSB-13-0004/MOD 2, 3 & 4	9/30/2014	31,460	28,904
	Robert Zalosh	Credit Card Payment	12/3/2012	3,061	3,061
	G Environmental	Credit Card Payment	11/12/2012	194	194
	Workplace Exposure Solutions	CSB-13-0036/MOD 1, 2, and 3	9/30/2014	7,400	7,400
<b>Total</b>			<b>105,684</b>	<b>103,128</b>	
<b>West Fertilizer, TX</b>	ABSG Consulting	CSB-13-0022/0001 & 0002	5/25/2013	28,136	28,136
	ABSG Consulting	CSB-13-0025/0003 & 0004	7/12/2013	74,804	74,804
	Atlas Engineering	CSB-13-0020/MOD 4	5/31/2013	15,118	15,118
	Atlas Engineering	CSB-13-0020/MOD 1	5/31/2013	6,500	6,500
	Atlas Engineering	CSB-13-0020/MODS 2 & 3	6/30/2013	6,958	6,958
	Terracon Consultants	CSB-13-0020/0001	5/31/2013	10,131	10,131
	Robert Zalosh	CSB-13-0021	4/19/2014	35,000	35,000
	Robert Zalosh	CSB-13-0021/MOD 1	4/19/2014	14,100	\$ 1,349
	Exponent	CSB-13-0023/MOD 2	9/20/2013	25,015	25,015
	Geosearch	Credit Card Payment	5/6/2013	419	419
	Showcase Aerial Photos	Credit Card Payment	5/6/2013	1,500	1,500
	Showcase Aerial Photos	Credit Card Payment	5/13/2013	3,000	3,000
	Glenn Corbett	Credit Card Payment	11/29/2013	3,061	3,061
	ABSG Consulting	CSB-13-0026/MODS 1 & 2	2/20/2014	222,870	222,870
	ABSG Consulting	CSB-13-0026/MODS 3 & 4	6/30/2014	64,130	64,064
	University of Colorado at Denver	Credit Card Payment	11/6/2013	3,061	3,061

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	Schuhmacher Curtis	CSB-14-0006/MOD 1 & 2	6/30/2014	85,000	85,000
	Schuhmacher Curtis	CSB-14-0006/MOD 3	12/31/2014	40,000	35,407
	Schuhmacher Curtis	CSB-14-0006/MOD 4	5/31/2015	23,000	-
	Interest charge to Schuhmacher contract (late		8/22/2014	32	32
	Atlas Engineering	CSB-14-0028/MOD 1 & 2	4/22/2014	5,719	5,719
	Case Forensic	CSB-14-0009	9/16/2015	24,860	15,490
	<b>Total</b>			<b>692,414</b>	<b>642,634</b>
<b>Williams Olefins, LA</b>	Atlas Engineering	CSB-13-0034/MOD 5	7/31/2013	20,386	20,386
	Atlas Engineering	CSB-13-0034/MOD 3	7/31/2013	1,202	1,202
	Atlas Engineering	CSB-13-0034/MOD 2 & MOD 4	10/31/2013	-	-
	Anamet Inc	CSB-13-0035/MOD 2	12/31/2013	18,362	18,362
	Anamet Inc	CSB-13-0035/MOD 1 & MOD 2	12/31/2013	-	-
	Anamet Inc	CSB-13-0046	3/31/2014	136,960	136,960
	Anamet Inc	CSB-13-0046/MOD 1	9/26/2014	64,816	64,799
	Anamet Inc	CSB-13-0046/MOD 2	9/26/2014	32,208	22,397
	Anamet Inc	CSB-13-0046/MOD 3	3/31/2015	-	-
	<b>Total</b>			<b>273,935</b>	<b>264,107</b>
<b>Hotwork</b>	Maria Mazzocchi (deployment activities)	Credit Card Payment	8/21/2014	3,061	3,061
	Gulf Marine Chemists	Credit Card Payment	8/27/2014	1,000	1,000
	Cliff Lange	Credit Card Payment	9/3/2014	1,888	1,888
	Linda Robertson (International Microbiologist)	Credit Card Payment	9/26/2014	2,602	2,602
	<b>Total</b>			<b>8,551</b>	<b>8,551</b>

**Notes:**

The End Date is the best info available from one of the following sources:

- a. Specified in the awarded contract
- b. Estimated date in PWS of the purchase request or the awarded contract's
- c. Payment date (if paid from credit card)